

**FEE EXEMPT**

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13 **CHINO BASIN WATERMASTER**

14 **SUPERIOR COURT OF THE STATE OF CALIFORNIA**  
15 **FOR THE COUNTY OF SAN BERNARDINO**

16 CHINO BASIN MUNICIPAL WATER  
17 DISTRICT,

18 Plaintiff,

19 v.

20 CITY OF CHINO, ET AL.,

21 Defendants.

**Case No. RCV RS 51010**

[Assigned for All Purposes to the  
Honorable Stanford E. Reichert]

**DECLARATION OF BRADLEY J.  
HERREMA IN SUPPORT OF  
WATERMASTER’S MOTION FOR  
COURT TO RECEIVE AND FILE  
WATERMASTER’S 43RD ANNUAL  
REPORT**

Date: March 26, 2021  
Time: 1:30 p.m.  
Dept.: S35

[Notice of Motion and Motion for Court to  
Receive and File Watermaster’s 43rd Annual  
Report; and [Proposed] Order filed concurrently  
herewith]

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23  
24 I, Bradley J. Herrema, declare as follows:

25 1. I am an attorney duly admitted to practice before all of the courts of this State, and  
26 am a shareholder in the law firm of Brownstein Hyatt Farber Schreck, LLP, counsel of record for  
27 Chino Basin Watermaster (“Watermaster”). I have personal knowledge of the facts stated in this  
28 declaration, except where stated on information and belief, and, if called as a witness, I could and

1 would competently testify to them under oath. I make this declaration in support of the above-  
2 referenced request.

3 2. As legal counsel for Watermaster, I am familiar with Watermaster's practices and  
4 procedures, as well as actions taken by the Pool Committees, Advisory Committee, and Board.

5 3. On January 28, 2021, the Watermaster Board approved, by unanimous vote, the  
6 Chino Basin Watermaster Fiscal Year 2019-20 43rd Annual Report ("Report") and directed its  
7 filing with this Court. Attached hereto as **Exhibit A** is a true and correct copy of the Report.  
8 During their January 2021 regular meetings, the Report was presented to the Overlying (Non-  
9 Agricultural) Pool and Appropriative Pool Committees and Advisory Committee for their review  
10 and advice and assistance. The Overlying (Agricultural) Pool Committee declined to agendize the  
11 Report for consideration during its January 2021 meeting.

12 4. I am not aware of any opposition to the Court receiving and filing the Report.

13 I declare under penalty of perjury under the laws of the State of California that the  
14 foregoing is true and correct.

15 Dated this 29th day of January, 2021, at Redondo Beach, California.

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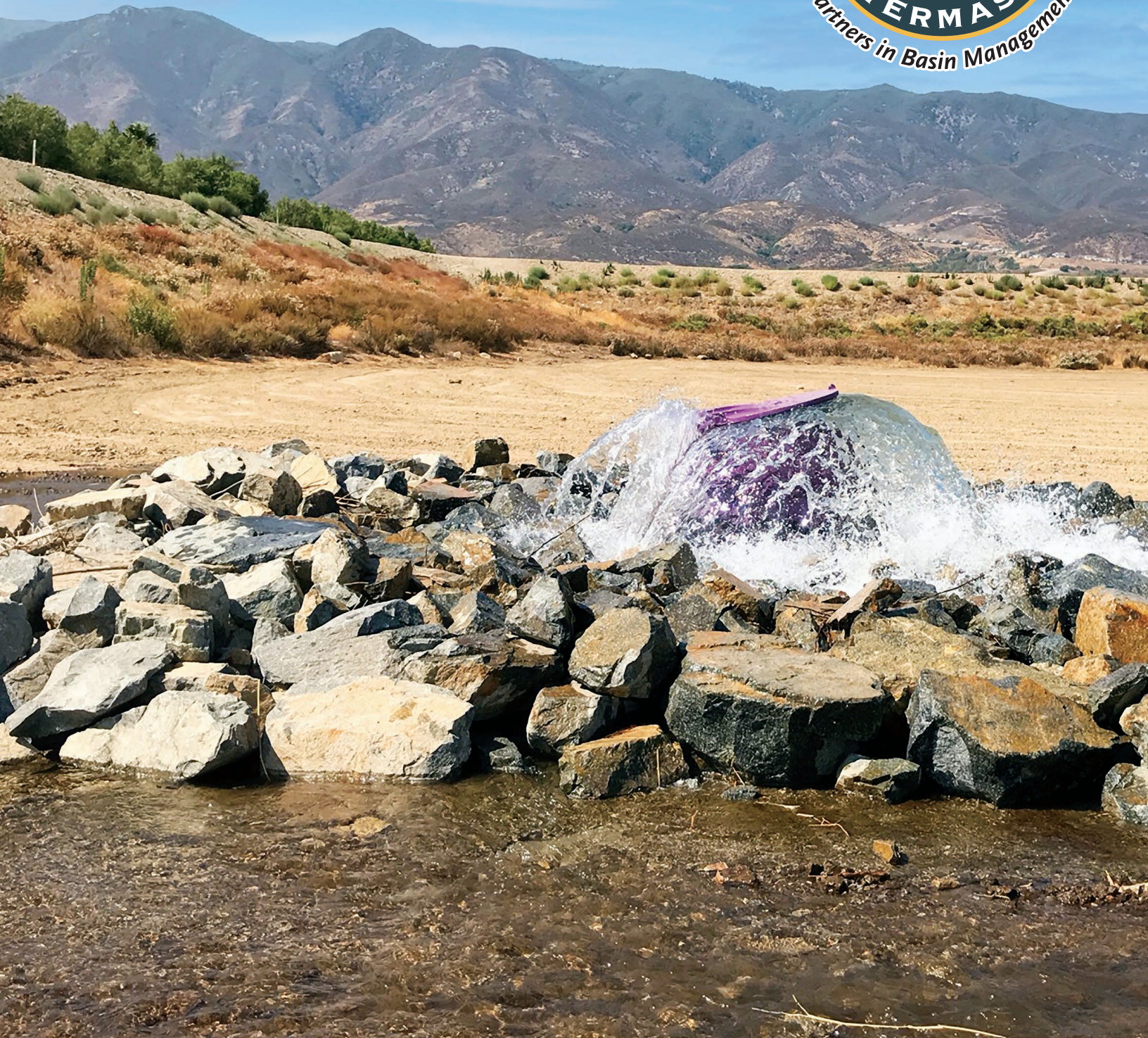
19 \_\_\_\_\_  
20 Bradley J. Herrema  
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# Exhibit A



# FISCAL YEAR 2019–20

## 43<sup>RD</sup> ANNUAL REPORT



SUPPORTING FOUR DECADES OF  
PARTNERSHIPS AND SOLUTIONS FOR A SUSTAINABLE FUTURE



# BUILDING ON OUR DECADES OF SERVICE TO THE PARTIES

## 1970s

*Conflicts over water threaten supply reliability, water quality, and the regional economy.*

## 1973

*A pump tax is enacted to raise money for studies that aid in implementing recharge programs in the Basin.*

## 1978

*Chino Basin is adjudicated and Watermaster is created. Planning and funding are initiated to manage the Basin.*

## 1999

*Optimum Basin Management Program (OBMP) provides a detailed blueprint to ensure a reliable water supply and to protect and enhance water quality.*

## 2000 & 2007

*Peace (I) and Peace II Agreements make effective collaboration possible, resulting in hundreds of millions of dollars in cost savings and other benefits.*

## 2004

*Regional Water Quality Control Board (Regional Board) adopts unique Maximum Benefit Salinity Management Program, enabling implementation of a massive recycled water reuse, stormwater, and supplemental water recharge program, and expansion of groundwater desalting to achieve hydraulic control.*

## 2008–2010

*The Recharge Master Plan Update (RMPU) is developed as a critical step to ensure long-term water quality and supply.*

## 2013

*The 2013 Amendment to the 2010 RMPU is completed. This forms the foundation for cost-effectively recharging storm, imported, and recycled water with the goal of improving water quality and ensuring water supply reliability.*

## 2016

*Pumping at Chino Desalter Authority (CDA) desalter wells in the Chino Creek Well Field reaches the rate required to achieve hydraulic control.*

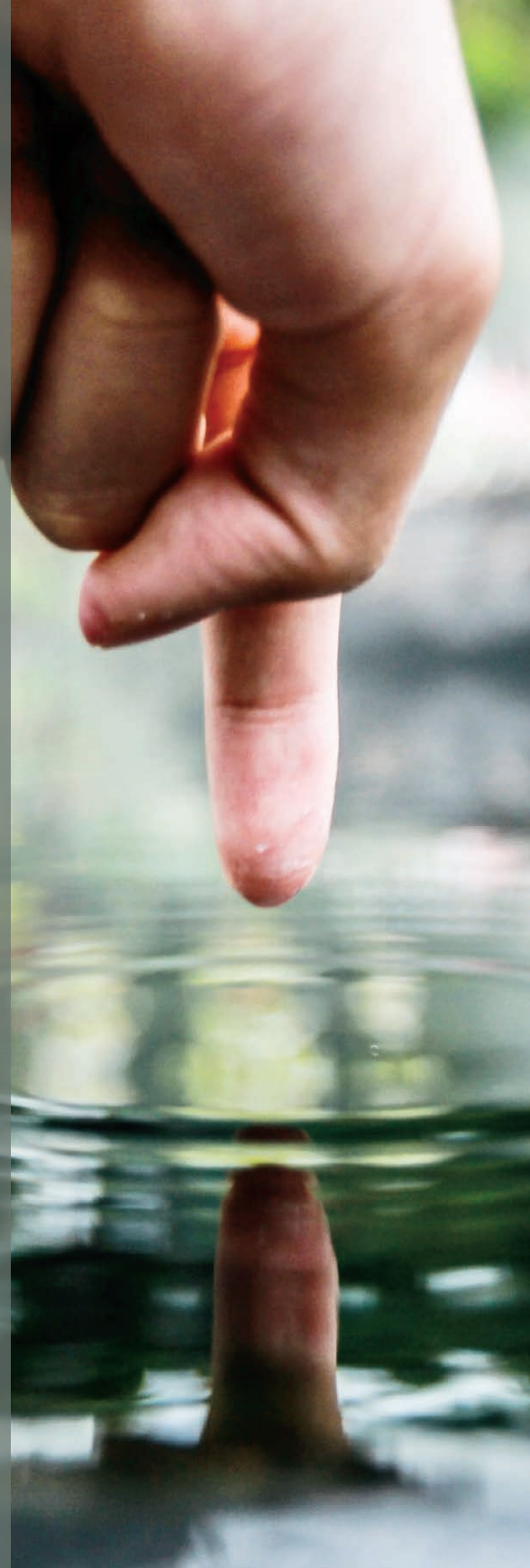
## 2017–2018

*CDA completes two new desalter wells and begins work to site a third. This increases capacity and hydraulic control. The 2018 amendment to the RMPU is complete. January 2018 marks the 40th anniversary of the Chino Basin Judgment.*

## 2019–2020

*The 2020 OBMP is updated, including a Storage Management Plan; this provides a current view of how the Basin can be managed for the next 20 years.*

*Cover photo of recycled water being pumped into the San Sevaine Basin.*



# COLLABORATION, COMMUNICATION, AND TRANSPARENCY

## **A Message from Chino Basin Watermaster**

The Parties and Watermaster have accomplished a lot together over the years. Our joint successes all depend on collaboration, clear communication, transparent processes, and the engagement of the Parties.

Here are a few highlights of our shared accomplishments for the year:

- **Updated OBMP.** The Optimum Basin Management Program is the central planning document for managing the Basin. This year we gathered all the Parties together and updated the OBMP, creating a blue-sky plan showing how the Basin can be managed for the next 20 years.
- **Updated Storage Management Plan.** The 2020 Storage Management Plan was completed and folded into the OBMP. It provides the options and information needed by the Parties to develop an actionable implementation plan for storage management.
- **Recalculated Safe Yield.** Because the Safe Yield Recalculation affects the water rights of every party and is technically complex, being able to complete it on time, with thorough stakeholder engagement and approval by the court, demonstrates that Watermaster continues to serve its function.

**Changes as We Look Toward the Future.** While the Program Elements in the updated OBMP remain the same, the focus has changed. In the first 20 years, the overall focus was on developing the maximum benefit program, implementing hydraulic control, and perfecting the operations needed to maintain it, including the desalters and other program elements. Looking to the future, we expect the core focus to be on managing storage and water quality to ensure the Parties remain able to fully utilize their water rights.

**Continued Focus on Supporting the Parties.** Based on our decades of successful collaboration, I remain confident that together we will continue to develop new opportunities and overcome the challenges that arise.

***Peter Kavounas, PE***  
***General Manager, Chino Basin Watermaster***

PARTNERS IN BASIN MANAGEMENT



# STORAGE MANAGEMENT PLAN GIVES OPTIONS FOR INCREASE IN GROUNDWATER STORAGE

*For the past 20 years, Watermaster has administered storage in Chino Basin according to the storage management plan described in Program Element 8 of the 2000 Optimum Basin Management Program (OBMP) Implementation Plan and evaluated in the Programmatic Environmental Impact Report (PEIR). Since the Parties indicated that they will likely exceed the storage space contemplated in the OBMP Implementation Plan, it was necessary to develop a new storage management plan.*

## BACKGROUND: DEVELOPMENT OF STORAGE FRAMEWORK

In 2017, Chino Basin water storage accounts held almost 500,000 acre-feet—the allocated Safe Storage Capacity amount evaluated for environmental impacts under the Peace Agreement. To allow time to develop an updated storage management plan, the Inland Empire Utilities Agency (IEUA) adopted an addendum to the Peace II Supplemental Environmental Impact Report (SEIR) increasing the safe storage capacity to 600,000 acre-feet until June 2021. In March 2020, Watermaster issued a Notice of Potential Storage Limitation because accumulated stored water was approaching this temporary limit.

## STORAGE MANAGEMENT PLAN DEVELOPMENT

A Storage Framework Investigation was then conducted to provide the tools, technical data, and information to prepare an updated storage management plan.

The Parties' projected use of the Basin includes up to 700,000 acre-feet of managed storage. The Storage Framework Investigation evaluated various planning scenarios within the range of 700,000 to 1,000,000 acre-feet for the Parties' potential managed storage as well as their storage and recovery programs.

The storage management plan was prepared through a stakeholder process in parallel with the 2020 OBMP. Watermaster published a final Storage Management Plan report, which was folded into Program Elements 8 and 9 (Storage and Storage & Recovery Programs) of the OBMP process at the end of 2019.

**Storage Management Plan Approved.** The updated storage management plan was brought to the Watermaster Board at the request of the Appropriative Pool, and approved in June 2020. The California Environmental Quality Act (CEQA) analysis on the entire 2020 OBMP, which includes the storage management plan, is currently in progress.

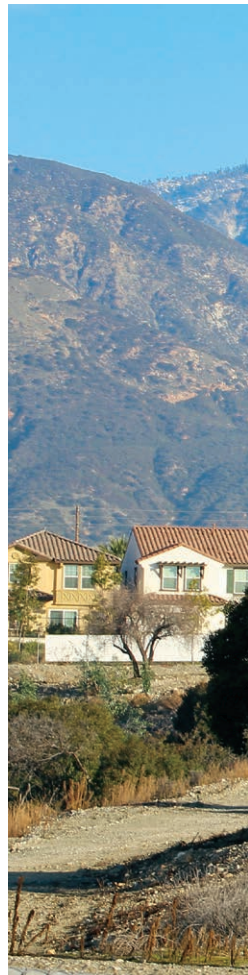
## STORAGE MANAGEMENT PLAN SUPPORTS PARTIES' PLAN FOR IMPLEMENTATION

The storage management plan provides the options and information needed by the Parties to develop an actionable implementation plan and the CEQA work to address the potential storage limitation. The goal is to complete both before the CEQA addendum expires and the Safe Storage Capacity returns to its original 500,000 acre-foot level.

**SEIR.** The use of storage in the Basin above the managed storage use projected by local Parties will require the construction of new facilities to recharge and extract water. In addition, important issues such as potential contaminant migration due to the use of storage need to be analyzed. These potential impacts will need to be analyzed under the 2020 OBMP SEIR.

## DRY YEAR YIELD PROGRAM CONTINUES TO BE IMPLEMENTED

The Dry Year Yield (DYY) program is currently the only Storage and Recovery Program that is being implemented in the Chino Basin. It is a collaborative project of Watermaster, IEUA, Metropolitan Water District of Southern California (MWD), and Three Valleys Municipal Water District (TVMWD). Following years of drought, MWD has been accumulating water in the storage account since 2017. By December 31, 2019, the volume of groundwater in the DYY program account was 49,510 acre-feet.



*San Antonio Channel runs between two groundwater recharge basins.*



### **THE COMPONENTS OF THE STORAGE MANAGEMENT PLAN INCLUDE:**

- Provisions for use of storage space for the Parties and for entities engaging in storage and recovery activities.
- Reservation of existing spreading basin facilities to prioritize their use for Watermaster recharge obligations.
- Provisions for storage management activities of the Parties, including limitations of transfers or leases of water, prioritization of puts and takes, and mitigation of impact on net recharge and Safe Yield.
- Terms for the application, evaluation, and mitigation of storage and recovery programs.
- Creation of “evergreen” storage agreements.
- Guidelines for future updates of the storage management plan.



# UPDATED OBMP OUTLINES BASIN MANAGEMENT OPTIONS FOR THE COMING DECADES

*The Optimum Basin Management Program is the central planning document for Watermaster. The 2020 OBMP presents a blue-sky outline of how the Basin can be managed for the next 20 years. It will be made actionable with the development of an implementation plan by the Parties to the Judgment in the coming fiscal year.*

## UPDATED OBMP WILL PROTECT THE INTERESTS OF WATERMASTER PARTIES

The first 20 years of progress under the 2000 OBMP focused on managing the Basin to protect and enhance the quantity and quality of the groundwater. Most of the envisioned projects and management programs in that plan have been implemented. But understanding of the hydrology and hydrogeology of the Chino Basin has improved since 2000 and new water management issues and challenges have arisen—especially around storage and water quality. Further, any new facilities will require current CEQA evaluation, instead of relying on the 2000 PEIR.

### EXTENSIVE OUTREACH AND ACTIVE PARTICIPATION IN LISTENING SESSIONS

**Special Newsletter to City Leaders and Stakeholders.** A special OBMP newsletter was sent to city managers, city councils, and all others with interest to ensure they were informed throughout the process. This was just one element of Watermaster’s plan to reach every stakeholder.

**Eight Listening Sessions.** In 2019, Watermaster convened eight stakeholder Listening Sessions. Participation was enthusiastic, generating extensive information, ideas, and feedback.

### SCOPING REPORT PUBLISHED

The final 2020 OBMP Update Scoping Report was completed in November 2019. It documents the stakeholder process of the first four Listening Sessions and the proposed scope of work to perform the stakeholder-developed activities considered for inclusion in the 2020 OBMP Update.

The draft OBMP Update report completed in January 2020 documents the OBMP stakeholder process and the recommended 2020 OBMP Implementation Plan. This will be finalized once the stakeholder input process is complete.

### PROGRAM ELEMENTS REMAIN UNCHANGED

Through the listening session process, it became apparent that the 2000 OBMP goals are still relevant to Basin Management today. Accordingly, the nine Program Elements defined in the 2000 OBMP are being retained for the 2020 update.

### IMPLEMENTATION PLAN DELAYED BY COVID-19

During March 2020, Watermaster hosted a drafting session for the 2020 OBMP Plan. Additional work on the implementation plan update was suspended due to the COVID-19 pandemic.

### ENVIRONMENTAL REVIEW PROCESS

Before the Implementation Plan can be developed and made actionable, environmental studies must be completed and certified. IEUA, acting as lead agency for the 2020 OBMP environmental review, hosted a scoping meeting in February 2020 and released the draft report in March. After receiving stakeholder comments, Watermaster is working with IEUA to address all concerns.

## OBMP PROGRAM ELEMENTS

1. Monitoring Program
2. Recharge Program
3. Supply for Impaired Areas
4. Subsidence Management
5. Regional Supplemental Water Program
6. Cooperative Programs with Water Quality Regulators
7. Salt Nutrient Management Plan
8. Storage Management Plan
9. Storage and Recovery Programs

## THE COURT APPROVES 2020 SAFE YIELD RECALCULATION

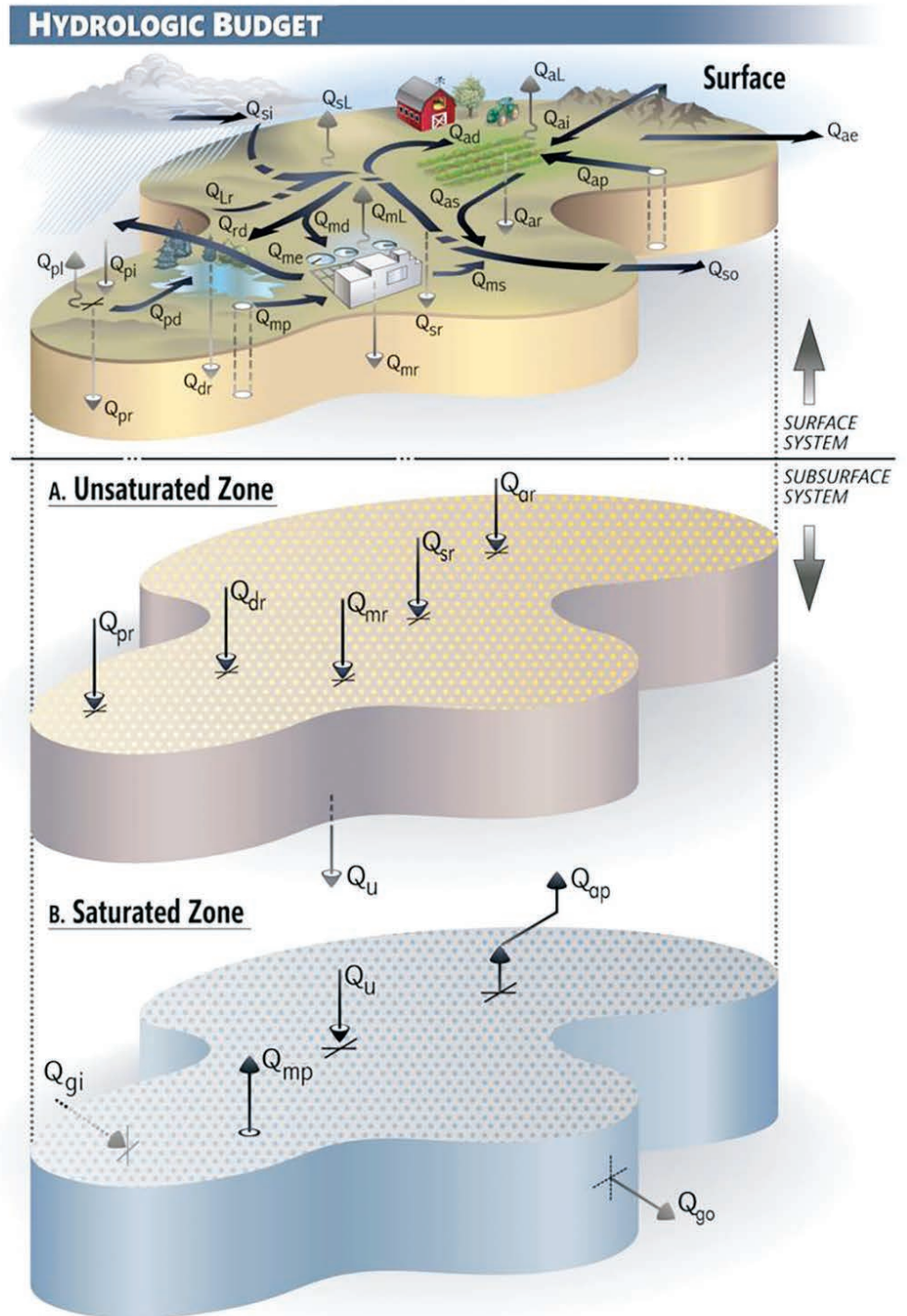
The 2000 OBMP Implementation Plan requires that the Safe Yield of the Basin be recalculated every 10 years (starting in 2011). The new recalculation was completed on time for the 2021 to 2030 time period.

Establishing the Safe Yield—the long-term average annual quantity of groundwater that can be produced from the Basin without causing an undesirable result—is a necessary precondition for much of Watermaster’s work, including updating the OBMP and storage management plan.

**Engaged Stakeholder Process.** The process began using a methodology established by the court in 2017 and included open and transparent stakeholder engagement with two peer-review technical workshops in July 2019 and January 2020, an independent expert technical review in March 2020, and a stakeholders workshop in April 2020 to review the Draft Final Report. There were 110 questions following Watermaster’s workshop, which were answered and posted on the website.

**Safe Yield Recalculation Technical Process.** Watermaster’s engineer used the groundwater flow model to redetermine the net recharge to the Chino Basin and evaluated the potential for “undesirable results” or “Material Physical Injury.”

The Board adopted a Resolution to support the resulting Safe Yield calculation of 131,000 acre-feet in a special meeting in May 2020. The court motion was filed in May 2020, and completed on July 10, 2020.



*This figure shows the surface and groundwater systems represented in the groundwater flow model.*



# PROACTIVE WATER QUALITY AND MONITORING PROGRAMS

*Watermaster takes a proactive and strategic approach to water quality. In the coming years, it is expected that monitoring and planning to comply with water quality regulatory limits will become increasingly important to ensuring that Parties are able to pump their full water rights under the Judgment.*

## ASSURING WATER QUALITY HELPS ASSURE MAXIMUM USE OF THE WATER RESOURCE

Last year, in preparation for the 2020 OBMP Update, Watermaster hosted a Water Quality Colloquium that focused on new and more stringent drinking water regulations for emerging contaminants. Of particular interest were the drinking water maximum contaminant levels (MCLs) for perchlorate and hexavalent chromium and their potential updates, and the new MCL for 1,2,3-trichloropropane (TCP) that had recently forced Parties to shut down production of some wells.

### MONITORING ACTION ON EMERGING CONTAMINANTS

This year, Watermaster included in its water quality monitoring the analysis of per- and polyfluoroalkyl substances (PFAS) and 1,4 dioxane in response to the region’s growing concern over these emerging contaminants and potential regulations. Watermaster staff sampled 39 wells and four surface water sites. These findings were combined with water quality data collected from other stakeholders to support a comprehensive PFAS analysis of the Basin.

### STUDIES PROVIDE CLARITY ON TCP

An investigation was performed to identify the likely source of TCP in groundwater near MZ-1 recharge basins and the impact of managed aquifer recharge on it. The likely source is historical application of soil fumigants, and it is unlikely that managed recharge will have an impact on it.

## EXTENSIVE MONITORING PROGRAMS

Watermaster conducts several groundwater and surface water quality monitoring programs and data collection efforts to support all its water management and regulatory programs as well as to understand the overall health of the Basin. Below is a summary of the various data collected in fiscal year 2019–20.

### WATERMASTER’S MONITORING COVERS OVER 1,000 SITES

Surface Water
Groundwater Level
Ground-Level
Groundwater Production
Groundwater Quality
Groundwater Recharge
Prado Basin Habitat
One-Time PFAS & 1,4 Dioxane

#### Monitoring Supports Watermaster’s Wide-Ranging Regulatory and Management Programs:

- Biennial State of the Basin report
- Triennial ambient water quality update
- Demonstration of Hydraulic Control
- Monitoring point and nonpoint groundwater contamination
- Assessing the overall health of the groundwater basin



*Conducting a well sounding to check water levels in the Basin.*

## GROUND-LEVEL MONITORING PROGRAM ENHANCED BY NEW EXTENSOMETER

Watermaster continued to carry out its responsibilities to manage ground-level subsidence as required by the court-ordered implementation of MZ-1 Subsidence Management Plan. The work is carried out under the direction of a Ground-Level Monitoring Committee, which is open to all stakeholders. The 2018–19 Annual Report of the Committee was finalized as required.

Since the MZ-1 Subsidence Management Plan was adopted in 2007, Watermaster—with the oversight and direction of the Committee—has conducted the Ground-Level Monitoring Program (GLMP). This year, in addition to the ongoing monitoring, maintenance of facilities, data analysis, and annual reporting of the GLMP, Watermaster completed installation of a \$1.5 million extensometer in Pomona to help measure potential soil compaction and subsidence.

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***LAND SUBSIDENCE IN THE MZ-1 MANAGED AREA HAS BEEN PRACTICALLY ARRESTED, WHICH INDICATES THAT LAND SUBSIDENCE IS BEING SUCCESSFULLY MANAGED.***

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## COMPLYING WITH REQUIREMENTS FOR MEASURING AND REPORTING ON DIVERSIONS

### SB88 COMPLIANCE

Senate Bill 88 (SB88) was signed into law in 2015 and requires a substantial number of diverters, including Chino Basin Watermaster, to follow strict requirements for measuring and reporting of diversions and recharge of stormwater and dry-weather discharge (urban runoff).

SB88 requires all diverters with a right or claimed right to divert more than 100 acre-feet per year to install and maintain measurement devices, certify that those devices are accurate to 10%, collect measurements on an hourly time step, provide telemetered diversion data via a public website, and prepare and file annual reports to a State reporting system. Watermaster may divert up to 110,500 acre-feet per year under its three discharge permits, and has implemented the requirements of SB88 since 2015. In fiscal year 2019–20, Watermaster initiated the extensive process to address the new accuracy requirements of its monitoring and recording devices.



*Taking a water quality sample at an agricultural well.*



# CONTINUING PROGRESS ON KEY ELEMENTS OF GROUNDWATER MANAGEMENT

Watermaster undertakes complex engineering, legal, and regulatory programs to carry out its work. Yet there is a more important and central aspect to our work—providing a forum and processes for the many diverse Parties to work together effectively to achieve optimum management of the complex groundwater Basin they all share.

## MAXIMUM BENEFIT ANNUAL REPORT REQUIREMENTS COMPLETED

### MAXIMUM BENEFIT PROGRAM SUPPORTS THE BASIN AND BENEFITS STAKEHOLDERS

Watermaster and IEUA are required to complete the Chino Basin Maximum Benefit Annual Report and submit it to the Regional Board every April. The report demonstrates conformance with numerous requirements, including implementation of specific projects and programs.

BENEFITS OF THE MAXIMUM BENEFIT PROGRAM			
Increased recycled water reuse and recharge	Basin water quality improved	Hundreds of millions of dollars in treatment costs saved	Local water supply increased

A Watermaster in-person Board meeting before the COVID-19 pandemic.



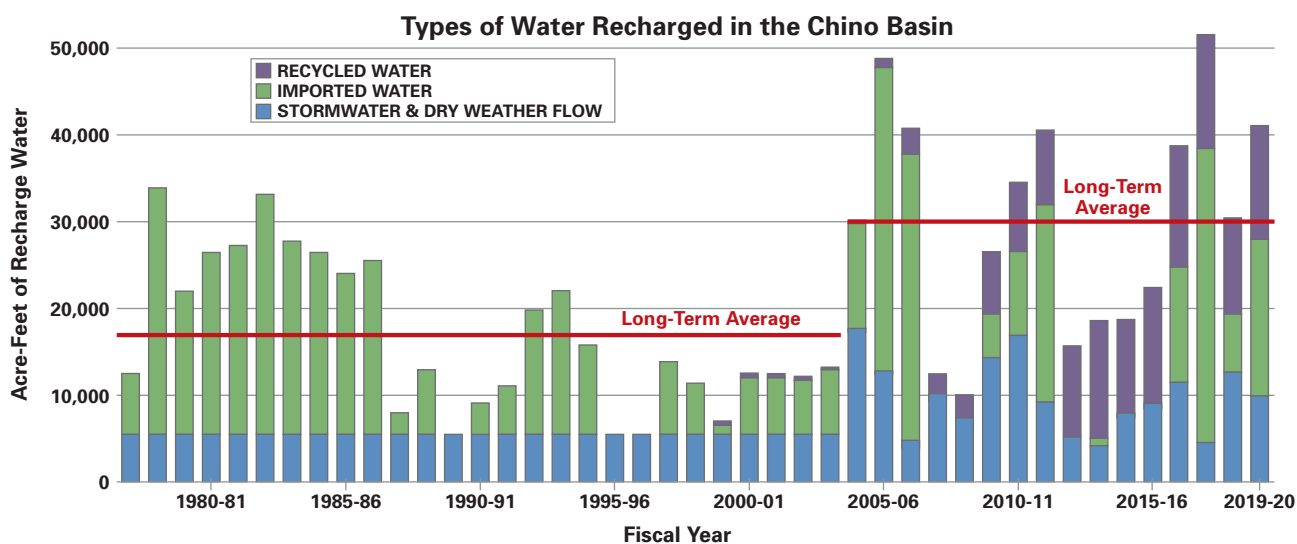
## CONTINUED BUILDOUT OF 2010 RECHARGE MASTER PLAN UPDATE

Watermaster and the IEUA are continuing to implement the 2013 Amendment to the 2010 Recharge Master Plan Update by constructing the projects called for in the Plan over time. The projects are critical to the long-term management of the Basin.

This year, progress was made on several projects.

**THE GOAL OF THE RMPU IS TO INCREASE THE BASIN'S SUSTAINABILITY AND DECREASE RELIANCE ON IMPORTED WATER.**

LOWER DAY BASIN	WINEVILLE/JURUPA/RP3 BASINS
This \$4+ million project will increase stormwater diversion and storage by 9,104 acre-feet.	This \$16.48 million project will improve storage and recharge capacity by 17,982 acre-feet with the addition of pumps and conveyance systems between basins, and will provide new diversion structures.
Construction in progress. Currently, reviewing and approving submittals. Fieldwork is scheduled to begin in July.	<p>Wineville/Jurupa: Addressing delays in receiving final permits from various regulators. Design is substantially complete. In the process of obtaining permits. Currently reviewing and approving submittals.</p> <p>RP-3 Basin Improvement: Demolition and excavation completed. The remaining Basin Improvement at RP-3 will be going out to bid.</p>



Beginning in 2004–05, expansion in recharge capacity has dramatically increased the amount of total recharge from recycled water, imported water, and stormwater. Long-term average recharge in 2003–04 and before was about 17,000 acre-feet per year. Long-term average recharge after that is about 30,000 acre-feet per year.

## CONSTRUCTION OF DESALTER EXPANSION UNDERWAY

Watermaster and the IEUA are required to expand desalter well pumping to about 40,000 acre-feet per year to maintain the maximum benefit requirement of achieving hydraulic control. CDA’s land acquisition process for Well II-12 and the construction of a nearby monitoring well were completed in 2019. The construction of the dedicated raw water pipeline to deliver the water from the three new desalter wells to the Chino-II Desalter is underway, and construction of Well II-12 began in Spring 2020.

## COMMITTEE OF STAKEHOLDERS OVERSEES PRADO BASIN HABITAT SUSTAINABILITY PROGRAM

Watermaster completed its obligation to monitor and evaluate whether pumping is impacting the Prado Basin riparian habitat, gather and evaluate data, plan the coming year’s activities based on the results, and prepare to implement the plan.

### COMMITTEE OPEN TO ALL INTERESTED PARTICIPANTS

As required by the Peace II SEIR, Watermaster and IEUA, in collaboration with the Orange County Water District (OCWD), formed the Prado Basin Habitat Sustainability Committee to develop and implement an Adaptive Management Plan for the Prado Basin Habitat Sustainability Program. The Committee is open to all interested participants.

### THIS YEAR’S ACTIONS

During 2019–20, Watermaster conducted the groundwater monitoring program and the surface water monitoring program, collected climatic data near Prado Basin for water year 2019, collected and reviewed riparian habitat monitoring data, and prepared and presented the fourth annual report.

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**THE CONCLUSION OF THIS YEAR’S ANNUAL REPORT: GROUNDWATER LEVELS HAVE REMAINED RELATIVELY STABLE AND WITHIN THEIR HISTORICAL RANGE OF SHORT-TERM AND LONG-TERM VARIABILITY AND ARE NOT LIKELY THE CAUSE OF THE OBSERVED CHANGES TO THE RIPARIAN HABITAT FROM 2018 TO 2019.**

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# CRITICAL ADMINISTRATIVE UPDATES REFLECT CONTINUED COLLABORATION

*Ensuring the equitable operation of the Basin, as well as management and tracking of water rights and costs, requires complex administration and accounting carried out with the full input and oversight of the Parties.*

## MULTI-YEAR REVISION TO ASSESSMENT PACKAGES APPROVED UNANIMOUSLY

### INTENSE AND OPEN PROCESS

*Several changes led to the need to recalculate five Assessment Packages for fiscal years 2014–15 through 2018–19:*

Staff worked with a team of representatives of the key Parties on the process that required changing each calculation for five years of Assessment Packages. Each year's Assessment Package had to be recalculated and then reviewed and approved by the Pools before the next year could be worked on. Once completed and approved by the Pools, the set of Assessment Packages was approved unanimously by the Board after an intensive and inclusive process.

### COURT ORDERS LEAD TO ASSESSMENT PACKAGE CHANGES

The total appropriative Pool assigned share of OSY was reduced and the Agricultural Pool Safe Yield reallocation formula modified beginning with the 2015–16 Assessment Package. This resulted in a shift to the Parties' assessments and to the underproduced water that is placed into the Excess Carry Over Storage Account and/or carried over to the proceeding year's pumping rights. Changes also required Watermaster to re-evaluate water transactions for fiscal years 2014–15 through 2017–18.

### ASSESSMENT PACKAGE CHANGES RELATED TO EXHIBIT "G"

In Assessment Packages 2014–15 and 2015–16, the Exhibit "G" purchases that were originally included as an Appendix were revised as Two Party Transactions, resulting in the proper application of the 85/15 Rule. As a result, in Assessment Package 2016–17, the original correction to the Exhibit "G" purchases for the previous two years was removed from the Revised Assessment Package.

### ASSESSING FOR DESALTER REPLENISHMENT OBLIGATION (DRO)

The Court ordered Watermaster to implement the Parties' agreed-upon DRO procedures beginning with the 2014–15 Assessment Package. Because the Chino Desalter Authority has no pumping rights, the obligation to replenish their production falls onto the Appropriative Pool Parties.

## WATERMASTER MOVES ONLINE IN RESPONSE TO COVID-19

The COVID-19 shelter-in-place orders required Watermaster to move all meetings online and have all employees work from home. The sudden switch was made in mid-March 2020. All commitments and obligations of Watermaster were met in spite of the changed work processes.



## RULES AND REGULATIONS UPDATED AND APPROVED

Watermaster's Rules and Regulations broadly prescribe how Watermaster operates, including records, meetings, voting procedures, investment funds, monitoring of meters, and more. The original Rules and Regulations were first drafted in early 2001, and remained unchanged until the 2019 update.

### REWRITE BEGAN IN 2017

A targeted rewrite of the Rules and Regulations began in 2017 with a series of workshops. The resulting draft of the updated Rules and Regulations was put on hold because of a pending appeal to the April 28, 2017, Court Order regarding Safe Yield and the priority of Land Use Conversions in the Agricultural Pool Reallocation, which was anticipated to require additional rules changes.

### REVIEW AND APPROVAL COMPLETED IN 2019

In May 2019, after the appeal was resolved, the draft updated Rules and Regulations were circulated to the Parties. A workshop was held on June 4, 2019, to discuss the changes and clarify questions the Parties had. The draft was updated based on the comments received during the workshop and brought to the Pool Committees for further input during the June 2019 Pool Committee meetings.

Additional discussions were held with individual Parties and comments were received from the Pools and individual Parties in August, September, and October.

The Watermaster Board approved an update to the Rules and Regulations on October 24, 2019.

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***AN UPDATE OF THE RULES AND REGULATIONS WAS NECESSARY BECAUSE THE 2001 VERSION WAS NO LONGER REFLECTIVE OF AGREEMENTS OF THE PARTIES, RECENT ORDERS OF THE COURT, AND OTHER CHANGED CIRCUMSTANCES SINCE ITS ADOPTION.***

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## NON-AGRICULTURAL POOL VOLUME VOTES RECALCULATED

The total voting power on the Pool Committee is 1,484 votes. Of these, 742 votes are allocated based on one vote for each ten acre-foot (or fraction) of Safe Yield. These numbers are recalculated on an annual basis and whenever a Party drops out or rights are transferred. This standard recalculation process was completed twice this year as a result of shares sold and a third time for the annual production-based recalculation.





## Watermaster Board

### Agricultural Pool Representatives

REPRESENTATIVE	MEMBER ENTITY
<b>Jeff Pierson</b> , Chair	Crops
Alternate: <b>Ron Pietersma</b>	Dairy
<b>Paul Hofer</b>	Crops
Alternate: <b>Robert Feenstra</b>	Dairy

### Non-Agricultural Pool Representatives

REPRESENTATIVE	MEMBER ENTITY
<b>Bob Bowcock</b>	CalMat Co.
Alternate: <b>Brian Geye</b>	California Speedway Corporation

### Appropriative Pool Representatives

REPRESENTATIVE	MEMBER ENTITY
<b>James Curatalo</b> , Vice-Chair	Fontana Union Water Company
Alternate: <b>Robert DiPrimio</b>	
<b>Peter Rogers</b>	City of Chino Hills
Alternate: <b>Art Bennett</b>	
<b>Robert DeLoach</b> (Jan–May), <b>Victor Preciado</b> (May–Dec)	
Alternates: <b>Victor Preciado</b> (Feb–May), <b>Robert DeLoach</b> (May–Dec)	City of Pomona

### Municipal Water District Representatives

REPRESENTATIVE	MEMBER ENTITY
<b>Steve Elie</b>	Inland Empire Utilities Agency
Alternate: <b>Michael Camacho</b>	
<b>Bob Kuhn</b> , Secretary/Treasurer	
Alternate: <b>David De Jesus</b>	Three Valleys Municipal Water District
<b>Don Galleano</b>	Western Municipal Water District
Alternates: <b>Robert Stockton</b> (Jan–May), <b>Al Lopez</b> (Aug–Dec)	

## Staff

<b>Peter Kavounas</b> , PE	General Manager
<b>Joseph Joswiak</b> , MBA	Chief Financial Officer
<b>Anna Nelson</b> , CAP-OM-TA	Executive Svcs. Director/Board Clerk
<b>Edgar Tellez Foster</b> , PhD	Water Resources Mgmt. and Planning Dir.
<b>Justin Nakano</b> , MPA	Water Resources Technical Manager
<b>Frank Yoo</b>	Water Resources Senior Associate
<b>Janine Wilson</b> , CAP-OM	Senior Accountant
<b>Camille Gregory</b> (Jan–Feb)	Administrative Assistant
<b>Vanessa Aldaz</b> (Feb–Dec)	Administrative Assistant
<b>David Huynh</b>	Field Operations Specialist
<b>Alonso Jurado</b>	Field Operations Specialist

## Advisory Committee

### Agricultural Pool Representatives

REPRESENTATIVE	MEMBER ENTITY
<b>Ron LaBrucherie, Jr.</b>	Crops
<b>Jeff Pierson</b> , Vice-Chair	Crops
<b>Nathan deBoom</b>	Dairy
<b>Robert Feenstra</b>	Dairy
<b>John Huitsing</b>	Dairy
<b>Ron Pietersma</b>	Dairy
<b>Henry DeHaan</b>	Dairy
<b>Carol Boyd</b>	State of California-CIM
<b>Jimmy Medrano</b>	State of California-CIM
<b>Pete Hall</b>	State of California-CIM

### Non-Agricultural Pool Representatives

REPRESENTATIVE	MEMBER ENTITY
<b>Brian Geye</b> , Chair	California Speedway Corporation
Alternate: <b>Bob Bowcock</b>	CalMat Co.
<b>Ramsey Haddad</b>	California Steel Industries, Inc.
Alternate: <b>Kathleen Brundage</b>	
<b>Shaun Stone</b> (Jan–Jun)	City of Ontario (Non-Ag)
<b>Christopher Quach</b> (Jun–Dec)	
Alternates: <b>Jeanina Romero</b> (Jan–Jun) <b>Christopher Quach</b> (Jan–Jun)	

### Appropriative Pool Representatives

REPRESENTATIVE	MEMBER ENTITY
<b>Dave Crosley</b>	City of Chino
Alternates: <b>Amanda Coker</b> , <b>Amer Jakher</b> , <b>Vivian Castro</b>	
<b>Ron Craig</b>	City of Chino Hills
Alternate: <b>Mark Wiley</b>	
<b>John Bosler</b>	Cucamonga Valley Water District
Alternates: <b>Eduardo Espinoza</b> , <b>Praseetha Krishnan</b>	
<b>Josh Swift</b>	Fontana Union Water Company
Alternate: <b>Seth Zielke</b>	
<b>Cris Fealy</b>	Fontana Water Company
Alternate: <b>Eric Tarango</b>	
<b>Chris Berch</b>	Jurupa Community Services District
Alternate: <b>Steven Popelar</b>	
<b>Van Jew</b>	Monte Vista Irrigation Company <sup>a</sup>
Alternate: <b>Justin Scott-Coe</b>	
<b>Van Jew</b> , 2nd Vice-Chair	Monte Vista Water District
Alternate: <b>Justin Scott-Coe</b>	
<b>Scott Burton</b>	City of Ontario
Alternates: <b>Katie Gienger</b> (Jan–Jun), <b>Courtney Jones</b> (Jun–Dec)	
<b>Chris Diggs</b>	City of Pomona
<b>Rosemary Hoerning</b>	West End Consolidated Water Company <sup>a</sup>
Alternate: <b>Steven Ledbetter</b>	
<b>Rosemary Hoerning</b>	City of Upland
Alternate: <b>Steven Ledbetter</b>	

## WATERMASTER INCLUDES REPRESENTATION OF ALL KEY STAKEHOLDER GROUPS

To draw together in a single organization all the diverse interests in the Basin, a governing structure was formed that represents all stakeholder groups, including a Board, Advisory Committee, and three Producer Pool Committees: Agricultural, Non-Agricultural, and Appropriative.

## Agricultural Pool Committee

REPRESENTATIVE	MEMBER ENTITY
<b>Ron LaBrucherie, Jr.</b>	Crops
<b>Jeff Pierson</b> , Vice-Chair	Crops
Alternates to any Crops Seat: <b>Gino Filippi, Paul Hofer</b>	
<b>Nathan deBoom</b>	Dairy
<b>Robert Feenstra</b> , Chair	Dairy
<b>John Huitsing</b>	Dairy
<b>Henry DeHaan</b>	Dairy
<b>Ron Pietersma</b>	Dairy
<b>Geoffrey Vanden Heuvel</b>	Dairy
<b>Bob Page</b>	County of San Bernardino
Alternate: <b>Andrew Silva</b> (Jan–Aug)	
<b>Carol Boyd</b>	State of California-CIM
<b>Pete Hall</b>	State of California-CIM
<b>Jimmy Medrano</b>	State of California-CIM
Alternates to any State of California Seat: <b>Marilyn Levin (DOJ), Noah Golden-Krasner (DOJ), Tamer Ahmed (CIM), Terry Bettencourt (CIM), Larry Cain (CIM)</b>	

## Non-Agricultural Pool Committee

REPRESENTATIVE	MEMBER ENTITY
<b>Dennis Dooley</b>	9W Halo Western OpCo LP.
<b>Sam Rubenstein</b> (Feb–Dec)	ANG II (Multi) LLC
<b>David Penrice</b>	Aqua Capital Management, LP
<b>Brian Geye</b> , Chair	California Speedway Corporation
Alternate: <b>Ray Wilkings</b>	
<b>Ramsey Haddad</b>	California Steel Industries, Inc.
Alternate: <b>Kathleen Brundage</b>	
<b>Bob Bowcock</b> , Vice-Chair	CalMat Co.
Alternate: <b>Kevin Sage</b>	
—	CCG Ontario, LLC
<b>Edward Kolodziej</b>	General Electric Company
Alternate: <b>Paul Deutsch</b>	
<b>Natalie Costaglio</b>	Hamner Park Associates
Alternate: <b>Michael Adler</b> A California Limited Partnership	
<b>Van Jew</b>	Monte Vista Water District (Non-Ag)
Alternate: <b>Justin Scott-Coe</b>	
<b>Shaun Stone</b> (Jan–Jun)	City of Ontario (Non-Ag)
<b>Christopher Quach</b> (Jun–Dec)	
Alternates: <b>Christopher Quach</b> (Jan–Jun),	
<b>Jeanina Romero</b> (Jan–Jun),	
<b>Scott Burton</b> (Jun–Dec), <b>Courtney Jones</b> (Jun–Dec)	
<b>David LeValley</b> (Jan–Sep), <b>Angelo Simoes</b> (Sep–Dec)	Linde, Inc. <sup>b</sup>
Alternate: <b>Jose Galindo</b>	
<b>Steve Riboli</b>	Riboli Family and San Antonio Winery, Inc.
<b>Bob Page</b>	County of San Bernardino (Non-Ag)
Alternate: <b>Andrew Silva</b> (Jan–Aug)	
<b>Tom Cruikshank</b>	Space Center Mira Loma, Inc.
Alternate: <b>Lauren Harold</b>	
<b>Alberto Mendoza</b>	TAMCO
Alternates <b>Cinthia Heredia</b> ,	
<b>Joao Feitoza</b> , <b>Larry Rothman</b> (Jan–Jul)	
—	West Venture Development Company

## Appropriative Pool Committee

REPRESENTATIVE	MEMBER ENTITY
<b>Kevin Sage</b>	Nestlé Waters North America
Alternate: <b>Bob Bowcock</b> (Arrowhead Mountain Spring Water Co.)	
<b>Kevin Sage</b>	CalMat Co.
Alternate: <b>Bob Bowcock</b>	
<b>Dave Crosley</b>	City of Chino
Alternates: <b>Amanda Coker, Amer Jakher, Vivian Castro</b>	
<b>Ron Craig</b>	City of Chino Hills
Alternate: <b>Mark Wiley</b>	
<b>John Bosler</b> , Chair	Cucamonga Valley Water District
Alternates: <b>Eduardo Espinoza, Praseetha Krishnan</b>	
<b>Chuck Hays</b>	City of Fontana <sup>a</sup>
Alternate: <b>Keith Kramer</b>	
<b>Josh Swift</b>	Fontana Union Water Company
Alternate: <b>Seth Zielke</b>	
<b>Cris Fealy</b> , Vice-Chair	Fontana Water Company
Alternate: <b>Eric Tarango</b>	
<b>Ben Lewis</b>	Golden State Water Company <sup>a</sup>
Alternate: <b>Toby Moore</b>	
<b>Chris Berch</b>	Jurupa Community Services District
Alternate: <b>Steven Popelar</b>	
<b>Steven Andrews</b>	Marygold Mutual Water Company <sup>a</sup>
Alternate: <b>Justin Brokaw</b>	
<b>Van Jew</b>	Monte Vista Irrigation Company <sup>a</sup>
Alternate: <b>Justin Scott-Coe</b>	
<b>Van Jew</b>	Monte Vista Water District
Alternate: <b>Justin Scott-Coe</b>	
<b>Bob Bowcock</b>	NCL Co., LLC
Alternate: <b>Kevin Sage</b>	
<b>Geoffrey Kamansky</b>	Niagara Bottling, LLC <sup>a</sup>
Alternate: <b>Cassandra Hooks</b>	
<b>Cris Fealy</b> , Vice-Chair	Nicholson Family Trust <sup>a,c</sup>
Alternate: <b>Josh Swift</b>	
<b>Chad Blais</b>	City of Norco <sup>a</sup>
Alternate: <b>Sam Nelson</b>	
<b>Scott Burton</b> (Jan–Jun), <b>Courtney Jones</b> (Jun–Dec)	City of Ontario
Alternates: <b>Katie Gienger</b> (Jan–Jun), <b>Courtney Jones</b> (Jan–Jun),	
<b>Scott Burton</b> (Jun–Dec)	
<b>Chris Diggs</b>	City of Pomona
<b>Teri Layton</b> (Jan–Apr)	San Antonio Water Company <sup>a</sup>
<b>Brian Lee</b> (Apr–Dec)	
Alternates: <b>Brian Lee</b> (Jan–Apr), <b>Teri Layton</b> (Apr–Dec)	
<b>Bob Page</b>	County of San Bernardino <sup>a</sup>
Alternate: <b>Andrew Silva</b> (Jan–Aug)	
<b>J. Arnold Rodriguez</b> (Jan),	Santa Ana River Water Company <sup>a</sup>
<b>Sam Gershon</b> (Jan–Jul), <b>Todd Minten</b> (Jul–Dec)	
Alternate: <b>John Lopez</b>	
<b>Rosemary Hoerning</b>	City of Upland
Alternate: <b>Steven Ledbetter</b>	
<b>Rosemary Hoerning</b>	West End Consolidated Water Co. <sup>a</sup>
Alternate: <b>Steven Ledbetter</b>	
<b>Clarence Mansell</b>	West Valley Water District <sup>a</sup>
Alternates: <b>Joanne Chan, Nadia Loukeh</b> (Jan–Sep)	

<sup>a</sup> Minor Producer.

<sup>b</sup> Linde, Inc. was formerly Praxair, Inc.

<sup>c</sup> Nicholson Family Trust was formerly Nicholson Trust



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# Directory to Appendices

## 2019-20 Annual Report

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## COURT HEARINGS AND ORDERS FISCAL YEAR 2019-20

During the fiscal year 2019-20, several hearings were held relating to administration of the Judgment and implementation of the Optimum Basin Management Program (OBMP). Hearings and orders were as follows:

Hearing Date	Primary Subject Matter
June 26, 2020	<ul style="list-style-type: none"> <li>• Order Granting Request for Court to Receive and File Watermaster Semi-Annual OBMP Status Report 2019-1.</li> <li>• Order Granting Motion for Court Approval of Amendments to Restated Judgment Regarding Compensation of Watermaster Pool and Advisory Committee Members.</li> <li>• Order Granting Watermaster's Notice of Motion and Motion for Court to Receive and File the 2018-2019 Annual Report of the Ground-Level Monitoring Committee.</li> <li>• Order Granting Request for Court to Receive and File Watermaster 42<sup>nd</sup> Annual Report.</li> <li>• Order re Request for the Court to Approve Interventions.</li> <li>• Order Granting Request for Court to Receive and File Watermaster Semi-Annual OBMP Status Report 2019-2.</li> </ul>
June 26, 2020 Hearing	<ul style="list-style-type: none"> <li>• Watermaster Request of Court to Receive and File Watermaster Semi-Annual OBMP Status Report 2019-1.</li> <li>• Watermaster Request of Court to Receive and File Watermaster Semi-Annual OBMP Status Report 2019-2.</li> <li>• Watermaster's Notice of Motion and Motion for Court to Receive and File the 2018/2019 Annual Report of the Ground Level Monitoring Committee.</li> <li>• Watermaster's Notice of Motion and Motion for Court to Receive and File Watermaster's 42<sup>nd</sup> Annual Report.</li> <li>• Watermaster Request for the Court to Approve Interventions.</li> <li>• Watermaster Status Report Regarding Update to the Optimum Basin Management Program.</li> <li>• Supplement to Chino Basin Watermaster Status Report Regarding Update to the Optimum Basin Management Program.</li> <li>• Second Supplement to Chino Basin Watermaster Status Report Regarding Update to the Optimum Basin Management Program.</li> <li>• Watermaster Notice of Motion and Motion for Court Approval of Amendments to Restated Judgment Regarding Compensation of Advisory and Pool Committee Members.</li> <li>• Overlying (Agricultural) Pool's Joinder to Watermaster's Motion for Court Approval of Amendments to Restated Judgment Regarding Compensation of Advisory and Pool Committee Members.</li> </ul>



## RESOLUTIONS FISCAL YEAR 2019-20

Resolution	Adopted	Summary of Resolution
2020-04	May 28, 2020	<p><i>Approving the Refinancing of Debt Issued by the C Regional Financing Authority to Finance Recharge Projects, Approving Certain Information Relating to the Chino Basin Watermaster Set Forth in the Official Statement Relating to Such Refinancing and Approving the Execution and Delivery of Certain Documents in Connection Therewith and Certain Other Matters</i></p> <ul style="list-style-type: none"> <li>• The issuance by the Chino Basin Regional Financing Authority of its Bonds to refinance the cost of the Recharge Project is hereby approved.</li> <li>• The preparation and distribution of the information relating to the Watermaster in the Preliminary Official Statement is hereby approved. The General Manager or the written designee thereof is hereby authorized to approve such changes, insertions and omissions as may be recommended by General Counsel or Bond Counsel to the Agency and is authorized and directed to sign a certificate pursuant to Rule 15c212 promulgated under the Securities Exchange Act of 1934 with respect to the Watermaster Portion of the Preliminary Official Statement. The General Manager or the written designee thereof is further authorized and directed to update the Watermaster Portion for inclusion in the final Official Statement.</li> <li>• The General Manager, the [Chief Financial Officer] or the written designee thereof and any other proper officer of Watermaster, acting singly, is authorized and directed to execute and deliver any and all documents and instruments and to do and cause to be done any and all acts and things necessary or proper for carrying out the transactions contemplated by the Preliminary Official Statement, the final Official Statement, and this resolution.</li> <li>• Unless otherwise defined herein, all terms used herein and not otherwise defined shall have the meanings given such terms in the Preliminary Official Statement unless the context otherwise clearly requires.</li> <li>• The Resolution shall take effect immediately.</li> </ul>
2020-03	May 22, 2020	<p><i>Regarding the 2020 Safe Yield Reset</i></p> <ul style="list-style-type: none"> <li>• The Safe Yield Report's evaluation of the Safe Yield of the Basin for the period of July 1, 2020 through June 30, 2030 was conducted in accordance with the Court's April 28, 2017 Order and the Reset Technical Memorandum, and accurately considers the current and projected conditions of the Chino Basin.</li> <li>• The Court should amend Paragraph 6 of the Restated Judgment, setting the Safe Yield of the Chino Basin for the period July 1, 2020 to June 30, 2030 at 131.00 AFY, and no undesirable results or Material Physical Injury will result if the Safe Yield is reset in this manner.</li> <li>• If the State develops water conservation measures that reduce net recharge to the Chino Basin (i.e., reduced Evapotranspiration Adjustment Factors), as required by Water Code, § 10609, et seq., Watermaster should evaluate the significance of any resulting change in cultural conditions, and, if cultural conditions are judged to have changed such that the Safe Yield would be changed by more than 2.5%, Watermaster should move the Court to reset the Safe Yield accordingly.</li> <li>• Watermaster legal counsel is directed to prepare and file a motion with the Court to reset the Safe Yield in accordance with this Resolution and the Court's April 28, 2017 Order.</li> </ul>
2020-02	January 23, 2020	<p><i>Authorizing Investment of Monies in the Local Agency Investment Fund</i></p> <ul style="list-style-type: none"> <li>• Authorize the deposit and withdrawal of Chino Basin Watermaster monies in the Local Agency Investment Fund in the State Treasury in accordance with the provisions of Section 16429.1 of the Government Code for the purpose of investment as stated therein, and verification by the State Treasurer's Office of all banking information provided in that record.</li> <li>• The following Chino Basin Watermaster officers and designated employees or their successors in office/position shall be authorized to order the deposit or withdrawal of monies in the Local Agency Investment Fund: Board Chair, Board Vice-Chair, Board Secretary/Treasurer, General Manager, and Chief Financial Officer.</li> </ul>

2020-01	January 23, 2020	<p data-bbox="586 201 1084 233"><i>Establishing a Watermaster Investment Policy</i></p> <ul data-bbox="586 233 1438 401" style="list-style-type: none"> <li data-bbox="586 233 1357 258">• The Chino Basin Watermaster 2020 Investment Policy, as attached, is adopted.</li> <li data-bbox="586 258 1438 352">• The authority to invest and reinvest funds of Watermaster is hereby delegated to the Watermaster General Manager (and his/her designees) subject to the provisions of said Investment Policy and the ongoing review and control of Watermaster and the Watermaster Advisory Committee.</li> <li data-bbox="586 352 1438 401">• This resolution shall take effect from and after its date of adoption and Resolution 2019-01 is rescinded in its entirety.</li> </ul>
2019-06	November 21, 2019	<p data-bbox="586 453 1438 510"><i>Levying Administrative, Replenishment, and Special Project Assessments for Fiscal Year 2019-2020</i></p> <ul data-bbox="586 510 1438 653" style="list-style-type: none"> <li data-bbox="586 510 1438 558">• The Chino Basin Watermaster levies the respective assessments for each pool effective November 21, 2019 as shown on Exhibit "A" attached hereto.</li> <li data-bbox="586 558 1438 653">• That pursuant to the Restated Judgment, each party has thirty (30) days from the date of invoice to remit the amount of payment for assessments due. After that date, interest will accrue on that portion which was due as provided for in Section 55 (c) of the Restated Judgment.</li> </ul>
2019-05	September 26, 2019	<p data-bbox="586 709 1438 766"><i>Levying Replenishment and Administrative Assessments Revised 2014/15 Through 2018/19 Assessment Packages</i></p> <ul data-bbox="586 766 1438 940" style="list-style-type: none"> <li data-bbox="586 766 1438 840">• The Chino Basin Watermaster levies the respective assessments for each Appropriate Pool member effective September 26, 2019 as shown on Exhibit "A" attached hereto.</li> <li data-bbox="586 840 1438 940">• That pursuant to the Restated Judgment, each party has thirty (30) days from the date of invoice to remit the amount of payment for assessments due. After that date, interest will accrue on that portion which was due as provided for in Section 55 (c) of the Restated Judgment.</li> </ul>

**INTERVENTIONS AFTER JUDGMENT  
PRODUCTION YEAR 2019-20<sup>1</sup>**

<b>Appropriative Pool <sup>2</sup></b>	<b>Non-Agricultural Pool</b>	<b>Agricultural Pool</b>
None	ANG II (February 27, 2020)	None

A complete list of interventions after judgment may be found in Watermaster's History of Interventions After Judgment at the following link: [www.cbwm.org/docs/legaldocs/WatermastersHistoryofInterventionsAfterJudgment.pdf](http://www.cbwm.org/docs/legaldocs/WatermastersHistoryofInterventionsAfterJudgment.pdf)

<sup>1</sup> Production Year is July 1 to June 30.

<sup>2</sup> Dates in parentheses are the dates of Court orders or notices of ruling relating to interventions. Reference is made to the order or notice of ruling for further information. The intervening party may have received a transfer of water rights on a date other than the date of the order or notice of ruling.



**WATERMASTER'S "NOTICE OF INTENT" TO  
CHANGE THE OPERATING SAFE YIELD OF THE  
CHINO GROUNDWATER BASIN**

**PLEASE TAKE NOTICE** that on this 23<sup>rd</sup> day of January 2020, the Chino Basin Watermaster hereby adopts this **"Notice of Intent"** to change the Operating Safe Yield of the Chino Groundwater Basin pursuant to the Judgment entered in Chino Basin Municipal Water District v. City of Chino, et al., San Bernardino Superior Court, Case No. RCVRS 51010 (formerly Case No. 164327) as Restated (Exhibit "I", Paragraph 3. (b), Page 73).

**Approved by:**

**CHINO BASIN WATERMASTER  
BOARD OF DIRECTORS CHAIR**

**Signature:**  /s/ Jeffrey L. Pierson

**Attest:**

**CHINO BASIN WATERMASTER  
BOARD OF DIRECTORS SECRETARY/TREASURER**

**Signature:**  /s/ Bob G. Kuhn

## APPROPRIATIVE RIGHTS

### As shown on Exhibit E of Judgment entered January 27, 1978

<u>Party</u>	<u>Appropriative Right (Acre-Feet)</u>	<u>Share of Operating Safe Yield (Percent)</u>	<u>Share of Operating Safe Yield (Acre-Feet)</u>
City of Chino	5,271.7	6.693	3,670.067
City of Norco	289.5	0.368	201.545
City of Ontario	16,337.4	20.742	11,373.816
City of Pomona	16,110.5	20.454	11,215.852
City of Upland	4,097.2	5.202	2,852.401
Cucamonga County Water District	4,431.0	5.626	3,084.786
Jurupa Community Services District	1,104.1	1.402	768.655
Monte Vista County Water District	5,958.7	7.565	4,148.344
West San Bernardino County Water District	925.5	1.175	644.317
Etiwanda Water Company	768.0	0.975	534.668
Feldspar Gardens Mutual Water Company	68.3	0.087	47.549
Fontana Union Water Company	9,188.3	11.666	6,396.736
Marygold Mutual Water Company	941.3	1.195	655.317
Mira Loma Water Company	1,116.0	1.417	776.940
Monte Vista Irrigation Company	972.1	1.234	676.759
Mutual Water Company of Glen Avon Heights	672.2	0.853	467.974
Park Water Company	236.1	0.300	164.369
Pomona Valley Water Company	3,106.3	3.944	2,162.553
San Antonio Water Company	2,164.5	2.748	1,506.888
Santa Ana River Water Company	1,869.3	2.373	1,301.374
Southern California Water Company	1,774.5	2.253	1,235.376
West End Consolidated Water Company	1,361.3	1.728	947.714
Total	78,763.8	100.000	54,834.000

### As of June 30, 2020

City of Chino	5,794.25	7.357	3,298.437
City of Chino Hills	3,032.86	3.851	1,726.557
City of Norco	289.50	0.368	164.989
City of Ontario	16,337.40	20.742	9,299.468
City of Pomona	16,110.50	20.454	9,170.346
City of Upland	4,097.20	5.202	2,332.265
Cucamonga Valley Water District	5,199.00	6.601	2,959.492
Jurupa Community Services District	2,960.60	3.759	1,685.310
Monte Vista Water District	6,929.15	8.797	3,944.047
West Valley Water District	925.50	1.175	526.800
Fontana Union Water Company	9,181.12	11.657	5,226.299
Fontana Water Company	1.44	0.002	0.897
Marygold Mutual Water Company	941.30	1.195	535.766
Monte Vista Irrigation Company	972.10	1.234	553.252
Niagara Bottling, LLC	0	0	0
Nicholson Family Trust	5.75	0.007	3.138
San Antonio Water Company	2,164.50	2.748	1,232.038
Santa Ana River Water Company	1,869.30	2.373	1,063.911
Golden State Water Company	591.05	0.750	336.255
West End Consolidated Water Company	1,361.30	1.728	774.732
San Bernardino County (Shooting Park)	0	0	0
Arrowhead Mountain Spring Water Company	0	0	0
City of Fontana	0	0	0
Calmat Co.	0	0	0
NCL Co., LLC	0	0	0
Total	78,763.82	100.000	44,834.000

## DISPOSITION OF ORIGINAL APPROPRIATIVE RIGHTS<sup>1</sup>

Original Party and Quantities	Current Party(s) as of June 30, 2020 and Original Quantities <sup>3</sup>
City of Chino (3,670.067 AF)	City of Chino (3,670.067 AF)
City of Norco (201.545 AF)	City of Norco (201.545 AF)
City of Ontario (11,373.816 AF)	City of Ontario (11,373.816 AF)
City of Pomona (11,215.852 AF)	City of Pomona (11,215.852 AF)
City of Upland (2,852.401 AF)	City of Upland (2,852.401 AF)
Cucamonga County Water District (3,084.786 AF)	Cucamonga Valley Water District (3,084.786 AF)
Jurupa Community Services District (768.655 AF)	Jurupa Community Services District (768.655 AF)
Monte Vista County Water District (4,148.344 AF)	Monte Vista Water District (4,148.344 AF)
West San Bernardino County Water District (644.317 AF)	West Valley Water District (644.317 AF)
Etiwanda Water Company (534.668 AF)	Cucamonga Valley Water District (534.668 AF)
Feldspar Gardens Mutual Water Company (47.549 AF)	Jurupa Community Services District (47.549 AF)
Fontana Union Water Company (6,396.736 AF)	Fontana Union Water Company (6,391.736 AF); Fontana Water Company (1.000 AF); Nicholson Family Trust (4.00 AF)
Marygold Mutual Water Company (655.317 AF)	Marygold Mutual Water Company (655.317 AF)
Mira Loma Water Company (776.940 AF)	Jurupa Community Services District (776.940 AF)
Monte Vista Irrigation Company (676.759 AF)	Monte Vista Irrigation Company (676.759 AF)
Mutual Water Company of Glen Avon Heights (467.974 AF)	Jurupa Community Services District (467.974 AF)
Park Water Company (164.369 AF)	City of Chino/City of Chino Hills/Monte Vista Water District (164.369 AF) <sup>2</sup>
Pomona Valley Water Company (2,162.553 AF)	City of Chino/City of Chino Hills/Monte Vista Water District (2,162.553 AF) <sup>2</sup>
San Antonio Water Company (1,506.888 AF)	San Antonio Water Company (1,506.888 AF)
Santa Ana River Water Company (1,301.374 AF)	Santa Ana River Water Company (1,301.374 AF)
Southern California Water Company (1,235.376 AF)	Golden State Water Company (411.476 AF); City of Chino/City of Chino Hills/Monte Vista Water District (823.900 AF) <sup>2</sup>
West End Consolidated Water Company (947.714 AF)	West End Consolidated Water Company (947.714 AF)

<sup>1</sup> A detailed history of the transactions/assignments that led to the current allocation of Appropriative Rights under the Judgment is contained in the History of Appropriative Rights at the following link: [www.cbwm.org/docs/legaldocs/HistoryofAppropriativeRights.pdf](http://www.cbwm.org/docs/legaldocs/HistoryofAppropriativeRights.pdf)

<sup>2</sup> The joint listing of parties separated by a "/" does not indicate any joint interest in the right indicated but indicates that these parties each have succeeded to a portion of the original right decreed in the 1978 Judgment. For additional information, see the History of Appropriative Rights.

<sup>3</sup> The amounts shown in this column are reflective of the original shares in the Operating Safe Yield (OSY) that was apportioned under the 1978 Judgment and do not include the 5,000 acre-foot decrease in OSY that occurred in FY 2017-18 after the exhaustion of the 200,000 AF of controlled overdraft or the 5,000 AF drop due to the 2010 Safe Yield Reset. For information as to each Party's current rights in OSY, see Appendix E-1 Appropriative Rights.



**NON-AGRICULTURAL RIGHTS  
(AS SHOWN ON EXHIBIT D OF JUDGMENT ENTERED JANUARY 27, 1978)**

<u>Party</u>	<u>Total Overlying Non-Agricultural Rights (Acre-Feet)</u>	<u>Share of Safe Yield (Acre-Feet)</u>
Ameron Steel Producers, Inc.	125	97.858
Carlsberg Mobile Home Properties, Ltd '73	593	464.240
Conrock Company	406	317.844
County of San Bernardino	171	133.870
Kaiser Steel Corporation	3,743	2,930.274
Quaker Chemical Co.	0	0
Red Star Fertilizer	20	15.657
Southern California Edison Co.	1,255	982.499
Southern Service Co. dba Blue Seal Linen	24	18.789
Space Center, Mira Loma	133	104.121
Sunkist Growers, Inc.	2,393	1,873.402
Union Carbide Corporation	546	427.446
Total	9,409	7,366.000

**NON-AGRICULTURAL RIGHTS<sup>1</sup>  
(AS OF JUNE 30, 2020)**

9W Halo Western OpCo L.P.	18.789
ANG II (Multi) LLC	0 <sup>2</sup>
Aqua Capital Management LP	0
California Speedway Corporation	1,000.000
California Steel Industries, Inc.	1,615.137
CalMat Co.	0
CCG Ontario, LLC	0
City of Ontario (Non-Ag)	3,920.567
County of San Bernardino (Non-Ag)	133.870
General Electric Company	0
Hamner Park Associates, a California Limited Partnership	464.240
Monte Vista Water District (Non-Ag)	50.000
Praxair, Inc.	1.000
Riboli Family and San Antonio Winery, Inc.	0
Southern Service Company	0
Space Center Mira Loma, Inc.	104.121
TAMCO	42.619
West Venture Development Company (Pending Court Disposition)	15.657
Total	7,366.000

<sup>1</sup>This list identifies the names of the members of the Non-Agricultural Pool according to the records of the Non-Agricultural Pool Committee. This list is not reflective of all "Active Parties" of the Non-Agricultural Pool, as that term is used in Paragraph 58 of the Restated Judgment.

<sup>2</sup>Per notice from ANG II (Multi) LLC to Watermaster staff dated January 2, 2020, 9W Halo Western OpCo L.P. holds its rights under a temporary lease between ANG II (Multi) LLC, as lessor, and 9W Halo Western OpCo L.P., as lessee, expiring on January 31, 2030.

**DISPOSITION OF ORIGINAL  
NON-AGRICULTURAL RIGHTS<sup>1</sup>**

<b>Original Party and Quantities</b>	<b>Current Party(s) and Quantities as of June 30, 2020</b>
Ameron Steel Producers (97.858 AF)	TAMCO (42.619 AF), City of Ontario (Non-Ag) (55.239 AF)
Carlsberg Mobile Home Properties, Ltd '73 (464.240 AF)	Hamner Park Associates, a California Limited Partnership (464.240 AF)
Conrock Company (317.844 AF)	City of Ontario (Non-Ag) (317.844 AF)
County of San Bernardino (133.870 AF)	County of San Bernardino (Non-Ag) (133.870 AF)
Kaiser Steel Corporation (2,930.274 AF)	California Speedway Corporation (1,000.000 AF), California Steel Industries, Inc. (1,615.137 AF), City of Ontario (Non-Ag) (265.137 AF), Monte Vista Water District (Non-Ag) (50.000 AF)
Red Star Fertilizer (15.657 AF)	West Venture Development Company (Pending Court Disposition) (15.657 AF)
Southern California Edison Co. (982.499 AF)	City of Ontario (Non-Ag) (982.499 AF)
Southern Service Co. dba Blue Seal Linen (18.789 AF)	9W Halo Western OpCo L.P. (18.789 AF)
Space Center, Mira Loma (104.121 AF)	Space Center Mira Loma, Inc. (104.121 AF)
Sunkist Growers, Inc. (1,873.402 AF)	City of Ontario (Non-Ag) (1,873.402 AF)
Union Carbide Corporation (427.446 AF)	City of Ontario (Non-Ag) (426.446 AF), Praxair, Inc. (1.000 AF)

<sup>1</sup> A detailed history of the transactions/assignments that led to the current allocation of Non-Agricultural Rights under the Judgment is contained in the History of Non-Agricultural Rights website link: [www.cbwm.org/docs/legaldocs/HistoryofNonAgriculturalRights.pdf](http://www.cbwm.org/docs/legaldocs/HistoryofNonAgriculturalRights.pdf)

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## HISTORY OF REALLOCATION OF UNPRODUCED AG POOL SAFE YIELD<sup>1</sup> (ACRE-FEET)

Production Year	Calculation of Water Rights Available for Reallocation due to Ag Pool Underproduction of Safe Yield <sup>5</sup>		Claims to Underproduced Ag Pool Safe Yield			Rights Available for Reallocation less Claimed Rights <sup>9,11</sup>	Total Reallocation of Unproduced Ag Pool Safe Yield <sup>10</sup>
	Assessable Ag Pool Production	Water Rights Available for Reallocation	Claims Resulting from Land Use Conversions <sup>6</sup>	Early Transfer Claims <sup>5,8,11</sup>	Total Claims		
83-84 <sup>2</sup>	59,033	n/a <sup>5</sup>	593	n/a	593	n/a	26,355
84-85	55,543	n/a	593	n/a	593	n/a	19,136
85-86	52,061	n/a	811	n/a	811	n/a	21,902
86-87	59,847	n/a	811	n/a	811	n/a	37,159
87-88	57,865	n/a	4,056	n/a	4,056	n/a	78,489
88-89 <sup>3</sup>	46,762	24,935	811	n/a	811	24,124	24,935
89-90	48,420	36,038	811	n/a	811	35,227	36,038
90-91	48,085	34,380	811	n/a	811	33,569	34,380
91-92	44,682	34,715	811	n/a	811	33,904	34,715
92-93	44,092	38,118	811	n/a	811	37,307	38,118
93-94	44,298	38,708	811	n/a	811	37,897	38,708
94-95	55,022	38,502	3,652	n/a	3,652	34,850	38,502
95-96	43,639	27,778	11,711	n/a	11,711	16,067	27,778
96-97	44,809	39,161	12,620	n/a	12,620	26,541	39,161
97-98	43,345	37,991	14,426	n/a	14,426	23,565	37,991
98-99	47,538	39,455	17,022	n/a	17,022	22,433	39,455
99-00 <sup>4</sup>	44,401	38,399	10,471	32,800	43,271	-4,872	38,399
00-01	39,954	42,846	13,920	32,800	46,720	-3,874	42,846
01-02	39,495	43,306	14,133	32,800	46,933	-3,627	43,306
02-03	37,457	45,343	16,480	32,800	49,280	-3,937	45,343
03-04	41,978	40,822	17,510	32,800	50,310	-9,488	40,822
04-05	34,450	48,350	19,013	32,800	51,813	-3,464	48,350
05-06	33,900	48,900	20,370	32,800	53,170	-4,270	48,900
06-07	37,295	45,505	22,158	32,800	54,958	-9,454	45,505
07-08	30,910	51,890	22,461	32,800	55,261	-3,371	51,890
08-09	32,143	50,657	22,730	32,800	55,530	-4,873	50,657
09-10	31,855	50,945	22,943	32,800	55,743	-4,798	50,945
10-11	31,342	51,458	23,033	32,800	55,833	-4,375	51,458
11-12	34,353	48,447	23,237	32,800	56,037	-7,590	48,447
12-13	34,458	48,342	23,773	32,800	56,573	-8,231	48,342
13-14	33,639	49,161	26,162	32,800	58,962	-9,801	49,161
14-15	28,521	54,279	26,768	22,511	49,279	5,000	54,279
15-16	26,167	56,633	27,450	24,183	51,633	5,000	56,633
16-17	26,863	55,937	28,296	22,642	50,937	5,000	55,937
17-18	28,461	54,339	29,031	20,308	49,339	5,000	54,339
18-19	21,786	61,014	29,972	26,042	56,014	5,000	61,014
19-20	21,841	60,959	30,997	24,962	55,959	5,000	60,959

<sup>1</sup> Source: Watermaster Annual Reports and Assessment Packages.

<sup>2</sup> Fiscal year 83-84 was the first-year that reallocation occurred under the Judgment.

<sup>3</sup> During fiscal year 87-88 the Appropriators agree to pay Ag Pool assessments and the reallocation procedure changed by agreement. Effective FY 88-89, the Ag Pool's unused water rights from the prior year are made available for reallocation to the Appropriative Pool in the following year (i.e. 82,800 AF less the total assessable production).

<sup>4</sup> During fiscal year 99-00 the Peace Agreement is signed. The Appropriators agree to pay the Ag Pool assessments for the life of the Peace Agreement and the reallocation procedure is changed by agreement. The Ag Pool's unused water rights (i.e. 82,800 AF less the total assessable production) are made available for reallocation to the Appropriative Pool in the current year.

<sup>5</sup> n/a indicates the information is not applicable for the given year.

<sup>6</sup> When land is converted from agricultural to urban uses, water rights are permanently transferred to the appropriative pool. This column represents the sum of the cumulative transfers that have resulted from land use changes over time. For example, in 85-86 land use conversions resulted in 218 acre-feet of conversions. Thus the total claims for 85-86 were 811: the sum of the conversions from prior years plus the new conversions for 85-86 (811 = 593 + 218).

<sup>7</sup> After a duplication of conversion areas was identified, Jurupa's Pre-Peace Agreement acres were adjusted to 337.6 acres and the Post-Peace Agreement acres were adjusted to 846.4 acres.

<sup>8</sup> During fiscal year 99-00 the Peace Agreement is signed and establishes that each year 32,800 acre-feet of Ag Pool rights will be pre-emptively transferred to the Appropriative Pool and the transfer will be distributed proportional to each member's share of the Operating Safe

<sup>9</sup> If the total claims to underproduced Ag Pool Safe Yield (C + D) are greater than the water rights available for reallocation (B) then the reallocation is limited to the amount of rights available. The reduction is distributed among the Parties in proportion to their share of the

<sup>10</sup> For production years 83-84 through 87-88, the allocation was computed in a different manner and so the generalized formula does not apply for these years.

<sup>11</sup> For production years 83-84 through 87-88, the allocation was computed in a different manner and so the generalized formula does not apply for these years.

## HISTORY OF TOTAL ANNUAL GROUNDWATER PRODUCTION FROM THE CHINO BASIN (ACRE-FEET)

Production Year	Appropriative Pool <sup>13</sup>	Agricultural Pool <sup>13</sup>	Non-Agricultural Pool <sup>13</sup>	Chino Basin Desalters <sup>14</sup>	Department of Toxic Substances Control <sup>15</sup>	Total Production <sup>16</sup>
77-78	62,408	91,714	10,102 <sup>1</sup>	-	-	164,224
78-79	61,372	81,479	7,263	-	-	150,114
79-80	65,371	70,050	7,541	-	-	142,961
80-81	71,443	67,726	5,777	-	-	144,945
81-82	66,844	64,032	5,801	-	-	136,676
82-83	63,557	56,858	2,448	-	-	122,864
83-84	70,544	60,076	3,258	-	-	133,877
84-85	76,903	54,248	2,446	-	-	133,598
85-86	80,885	50,611	3,255	-	-	134,751
86-87	84,662	57,964	2,696	-	-	145,322
87-88	91,579 <sup>2</sup>	55,949	3,018	-	-	150,545
88-89	93,617 <sup>3</sup>	45,683	3,692	-	-	142,992
89-90	101,344 <sup>4</sup>	47,358	4,927	-	-	153,629
90-91	86,513 <sup>5</sup>	47,011	5,479	-	-	139,003
91-92	91,736 <sup>6</sup>	43,456	4,900	-	-	140,092
92-93	86,584 <sup>7</sup>	44,300	5,226	-	-	136,110
93-94	80,934 <sup>8</sup>	44,492	4,322	-	45	129,793
94-95	93,608 <sup>9</sup>	55,415	4,091	-	45	153,159
95-96	103,729 <sup>10</sup>	43,639	3,240	-	60	150,668
96-97	112,205	44,923	3,779	-	76	160,983
97-98	99,810 <sup>11</sup>	43,370	3,274 <sup>12</sup>	-	83	146,537
98-99	111,048	47,792	3,734	-	81	162,655
99-00	128,892	44,242	5,605	-	82	178,821
00-01	116,204	39,285	5,991	7,989	100	169,570
01-02	123,531	38,196	4,150	9,458	81	175,416
02-03	121,748	35,168	3,979	10,439	79	171,413
03-04	125,320	38,192	2,057	10,605	79	176,253
04-05	118,030	31,505	2,246	9,854	81	161,715
05-06	107,249	30,253	2,641	16,542	80	156,765
06-07	119,438	29,653	3,251	27,077	79	179,498
07-08	120,650	23,539	3,421	30,121	81	177,813
08-09	134,119	23,277	2,420	29,012	83	188,910
09-10	117,299	21,043	2,039	28,857	85	169,323
10-11	99,172	21,030	1,986	29,043	87	151,319
11-12	93,615	22,319 <sup>17</sup>	3,162	28,411	89	147,595
12-13	109,294	23,718 <sup>17</sup>	3,686	27,098	87	163,883
13-14	113,976	21,796 <sup>17</sup>	3,834	29,282	85	168,973
14-15	97,842	17,118 <sup>17</sup>	3,371	30,022	84	148,436
15-16	100,297	17,109 <sup>17</sup>	2,670	28,191	85	148,352
16-17	93,699	17,715 <sup>17</sup>	3,636	28,284	104	143,438
17-18	88,740	18,827	2,919	30,088	83	140,656
18-19	83,280	15,478	3,204	31,233	80	133,275
19-20	95,418	15,722	2,350	35,630	72	149,190

\* Total Production adjusted from prior annual reports to include previously omitted production from wells that have become non-active over time.

<sup>1</sup> Includes 3,945 AF of mined water pumped by Edison as agent for IEUA.

<sup>2</sup> Does not include 7,674.3 AF exchanged with MWDSC.

<sup>3</sup> Does not include 6,423.6 AF exchanged with MWDSC.

<sup>4</sup> Does not include 16,377.1 AF exchanged with MWDSC.

<sup>5</sup> Does not include 14,929.1 AF exchanged with MWDSC.

<sup>6</sup> Does not include 12,202.4 AF exchanged with MWDSC.

<sup>7</sup> Does not include 13,657.3 AF exchanged with MWDSC.

<sup>8</sup> Does not include 20,194.7 AF exchanged with MWDSC.

<sup>9</sup> Does not include 4,221.9 AF exchanged with MWDSC.

<sup>10</sup> Does not include 6,167.2 AF exchanged with MWDSC.

<sup>11</sup> Does not include 4,275.4 AF exchanged with MWDSC.

<sup>12</sup> Does not include 216.5 AF exchanged with MWDSC.

<sup>13</sup> Represents total physical production by Pools, not assessed production.

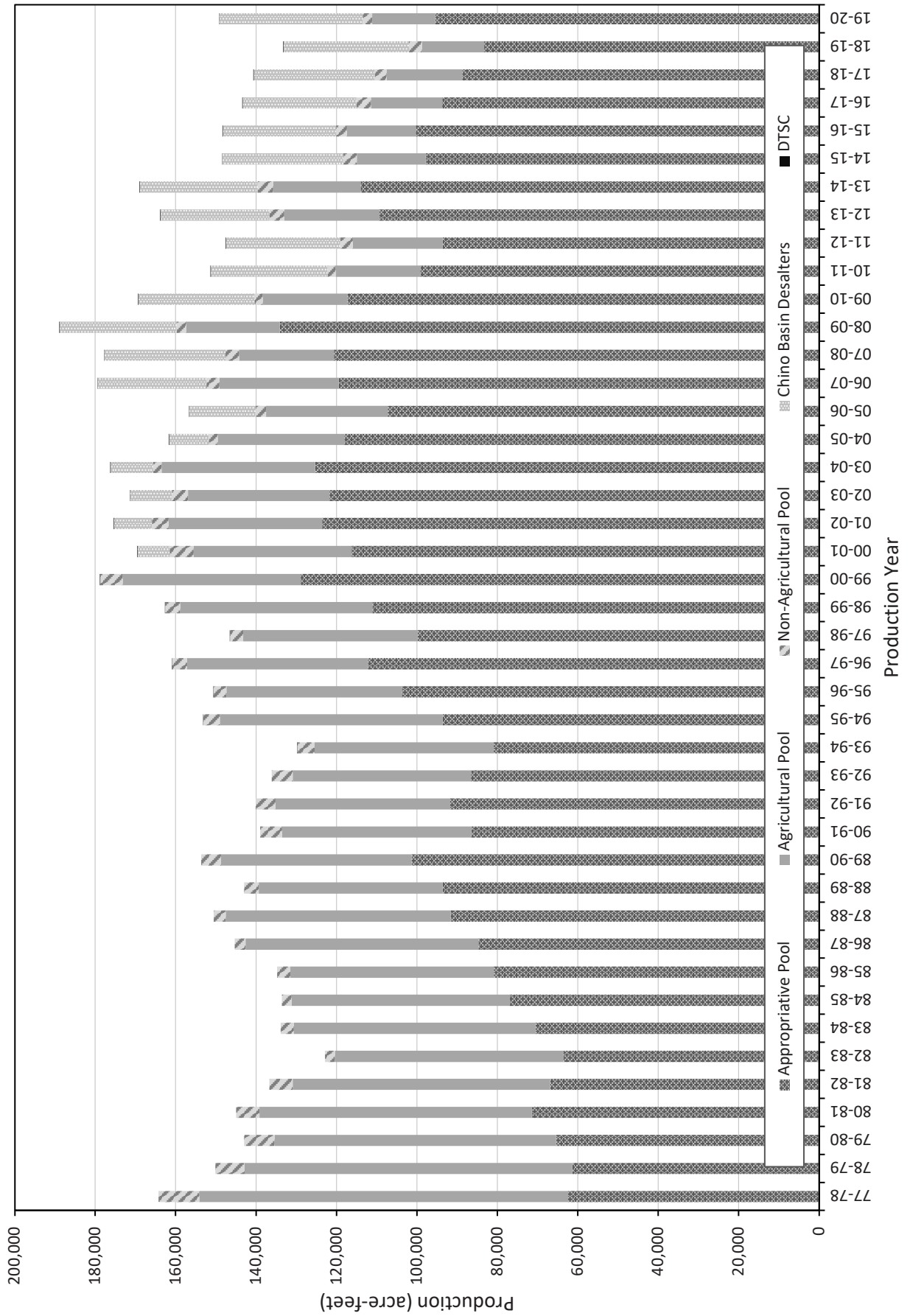
<sup>14</sup> Production by the Chino Basin Desalters is not considered assessable production; Desalter replenishment obligation accounting is shown in the Assessment Package.

<sup>15</sup> Production by DTSC is accounted separately, by agreement, such that the production is not assessed by Watermaster.

<sup>16</sup> Total reflects physical production by pumpers and does not account for any adjustments that are made in the Assessment Packages.

<sup>17</sup> Total Agricultural Pool production revised due to incorrect multiplier used on an irrigation well meter.

# HISTORY OF TOTAL ANNUAL GROUNDWATER PRODUCTION FROM THE CHINO BASIN (ACRE-FEET)





**SUMMARY OF SUPPLEMENTAL SUPPLIES  
USED BY THE CHINO BASIN PARTIES<sup>1</sup>  
FISCAL YEAR 2019-20  
(ACRE-FEET)**

Parties	Other Groundwater Basins	Surface Diversions	Imported Water Deliveries				Recycled Water <sup>2</sup>	Total
			SBVMWD	MWDSC				
				IEUA	TVMWD	WMWD		
Chino, City of	-	-	-	4,960	-	-	4,795	9,755
Chino Hills, City of	-	-	-	1,700	-	-	1,417	3,117
Cucamonga Valley Water District <sup>3</sup>	3,618	4,744	-	14,343	-	-	1,038	23,743
Inland Empire Utilities Agency	-	-	-	-	-	-	773	773
Fontana Water Company <sup>4</sup>	8,735	3,968	-	9,212	-	-	211	22,127
Golden State Water Company <sup>5</sup>	3,378	-	-	-	5,707	-	-	9,085
Jurupa Community Services District <sup>6</sup>	308	-	-	-	-	-	-	308
Marygold Mutual Water Company <sup>7</sup>	-	-	301	-	-	-	-	301
Monte Vista Water District	-	-	-	8,921	-	-	298	9,219
Norco, City of <sup>8</sup>	5,218	-	-	-	-	214	-	5,432
Ontario, City of	-	-	-	6,509	-	-	7,817	14,326
Pomona, City of <sup>9</sup>	2,274	2,574	-	-	2,976	-	1,616	9,440
San Antonio Water Company <sup>10</sup>	1,552	6,047	-	-	-	-	-	7,599
San Bernardino, County of	-	-	-	-	-	-	65	65
Santa Ana River Water Company <sup>11</sup>	31	-	-	-	-	-	-	31
State of California, CIM <sup>12</sup>	-	-	-	-	-	-	367	367
Upland, City of <sup>13</sup>	5,471	3,041	-	3,390	-	-	703	12,605
West End Consolidated Water Company <sup>14</sup>	1,850	-	-	-	-	-	-	1,850
West Valley Water District <sup>15</sup>	f	f	f	-	-	-	-	-
<b>Total</b>	<b>32,435</b>	<b>20,374</b>	<b>301</b>	<b>49,035</b>	<b>8,683</b>	<b>214</b>	<b>19,099</b>	<b>130,142</b>

<sup>1</sup> The values reported herein represent the total supplemental water supply used by each Party within its entire service area. Some Parties have service area boundaries which extend outside the adjudicated Chino Basin boundary.

<sup>2</sup> Recycled water is supplied by IEUA unless stated otherwise.

<sup>3</sup> Other groundwater is produced from Cucamonga Basin. Surface water diversions are from Lloyd Michaels, Royer-Nesbit, and Arthur H. Bridge WTPs, and Deer Canyon.

<sup>4</sup> Other groundwater is produced from Colton/Rialto, Lytle, and "unnamed" Basins. Surface water diversions are from Lytle Creek.

<sup>5</sup> Other groundwater is produced from Six Basins.

<sup>6</sup> Other groundwater is produced from Riverside Basins.

<sup>7</sup> Treated water is delivered by West Valley Water District (WVWD), and represents a blend of multiple water sources available to WVWD, including imported water from SBVMWD and Lytle Creek Water.

<sup>8</sup> Other groundwater is produced from Arlington and Temescal Basins and a portion of the hydrologic Chino Basin that is outside the adjudicated boundary.

<sup>9</sup> Other groundwater is produced from Six Basins and Spadra Basin. Surface water diversions are from San Antonio Creek. Recycled water is served from the Pomona Water Reclamation Plant.

<sup>10</sup> Other groundwater is produced from Six Basins and Cucamonga Basin. Surface water diversions are from San Antonio Creek. Supplemental supplies shown herein do not include sales to the City of Upland - these supplies are shown as part of Upland's supply within this table.

<sup>11</sup> Other groundwater is produced from the portion of the hydrologic Chino Basin that is outside the adjudicated boundary.

<sup>12</sup> Recycled water includes water treated by CIM and reused on location for irrigation purposes.

<sup>13</sup> Other groundwater is produced from Six Basins and Cucamonga Basin. Supplemental supplies shown herein do not include sales to Golden State Water Company (GSWC) - these supplies are shown as part of GSWC's supply within this table.

<sup>14</sup> Other groundwater is produced from Six Basins and Cucamonga Basin.

<sup>15</sup> Other groundwater is produced from Rialto and Riverside Basins. Surface water diversions are from Lytle Creek.

**SUMMARY OF IMPORTED WATER DELIVERIES FROM  
THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA  
TO THE CHINO BASIN PARTIES FOR FISCAL YEAR 2019-20  
(ACRE-FEET)<sup>1</sup>**

Month	Water Facilities Authority - CB-12						Reliant
	Upland	MVWD	Ontario	Chino	Chino Hills <sup>2</sup>	Sub-Total	CB-01
July	538	1,271	570	449	200	<b>2,825</b>	-
August	499	1,430	679	662	200	<b>2,685</b>	-
September	390	1,208	979	715	100	<b>3,426</b>	-
October	385	1,007	1,104	580	100	<b>2,765</b>	-
November	279	836	506	506	100	<b>2,859</b>	-
December	251	574	243	259	100	<b>920</b>	-
January	190	259	228	256	100	<b>1,294</b>	-
February	131	235	365	288	150	<b>913</b>	-
March	185	206	356	239	150	<b>1,134</b>	-
April	180	292	336	218	150	<b>1,281</b>	-
May	185	662	518	387	150	<b>1,358</b>	-
June	178	942	625	440	200	<b>2,100</b>	-
<b>Total</b>	<b>3,391</b>	<b>8,922</b>	<b>6,509</b>	<b>4,999</b>	<b>1,700</b>	<b>23,563</b>	-

Month	Fontana Water Co.	Cucamonga Valley Water District			Three Valleys MWD to Pomona	Three Valleys MWD to GSWC	Western MWD to Norco	Total
	CB-19	CB-07	CB-16	Sub-Total				
July	1,035	-	1,963	<b>1,963</b>	563	774	39	<b>7,198</b>
August	964	-	1,843	<b>1,843</b>	536	811	116	<b>6,955</b>
September	931	-	1,562	<b>1,562</b>	370	700	43	<b>7,032</b>
October	833	-	1,047	<b>1,047</b>	314	624	-	<b>5,583</b>
November	744	-	977	<b>977</b>	147	387	-	<b>5,114</b>
December	760	-	985	<b>985</b>	1	147	-	<b>2,813</b>
January	611	-	922	<b>922</b>	1	180	-	<b>3,008</b>
February	635	-	951	<b>951</b>	-	326	-	<b>2,825</b>
March	675	-	1,001	<b>1,001</b>	2	244	-	<b>3,056</b>
April	542	-	963	<b>963</b>	121	245	-	<b>3,152</b>
May	491	-	1,009	<b>1,009</b>	386	581	-	<b>3,825</b>
June	989	-	1,120	<b>1,120</b>	534	687	17	<b>5,448</b>
<b>Total</b>	<b>9,210</b>	-	<b>14,343</b>	<b>14,343</b>	<b>2,975</b>	<b>5,706</b>	<b>214</b>	<b>56,011</b>

<sup>1</sup> Does not include Dry Year Yield activity ("puts" or "takes").

<sup>2</sup> Total includes water delivered directly from WFA and from WFA through MVWD by agreement.

**TOTAL WATER CONSUMPTION BY THE CHINO BASIN PARTIES<sup>1</sup>  
(ACRE-FEET)**

Year	Chino Basin Extractions <sup>2</sup>	Supplemental Supplies <sup>3</sup>	Total
77-78	164,224	61,567	225,791
78-79	150,114	75,864	225,978
79-80	142,961	70,727	213,688
80-81	144,945	77,765	222,710
81-82	136,676	67,491	204,167
82-83	122,864	76,000	198,864
83-84	133,877	99,257	233,134
84-85	133,598	92,952	226,550
85-86	134,751	114,624	249,375
86-87	145,322	126,493	271,815
87-88	150,545	116,175	266,720
88-89	142,992	128,167	271,159
89-90	153,629	139,004	292,633
90-91	139,003	116,493	255,496
91-92	140,092	104,480	244,572
92-93	136,110	117,205	253,315
93-94	129,793	136,038	265,831
94-95	153,159	116,797	269,956
95-96	150,668	130,494	281,162
96-97	160,983	115,031	276,014
97-98	146,537	106,360	252,897
98-99	162,655	113,040	275,695
99-00	178,821	129,208	308,029
00-01	169,570	128,596	298,166
01-02	175,416	140,907	316,323
02-03	171,413	134,154	305,567
03-04	176,253	143,989	320,242
04-05	161,715	145,644	307,359
05-06	156,765	171,896	328,661
06-07	179,498	176,807	356,305
07-08	177,813	162,465	340,278
08-09	188,910	131,819	320,729
09-10	169,323	144,354	313,677
10-11	151,319	154,760	306,079
11-12	147,595	171,808	319,403
12-13	163,883	154,870	318,753
13-14	168,973	183,699	352,672
14-15	148,436	162,477 <sup>1</sup>	310,913
15-16	148,352	114,780 <sup>1</sup>	263,132
16-17	143,438	147,767 <sup>1</sup>	291,205
17-18	140,656	185,964 <sup>1</sup>	326,620
18-19	133,275	153,828 <sup>1</sup>	287,103
19-20	149,190	130,142 <sup>1</sup>	279,332

<sup>1</sup> The values reported herein are intended to represent the supplemental water supply used by each Party within its entire service area. Some Parties have service area boundaries which extend outside the adjudicated Chino Basin boundary. During the preparation of the FY14/15 Annual Report, it was determined that the collection and reporting of supplemental water supplies has been inconsistent over time, such that some parties reported estimates of water used within the boundary of Chino Basin and others provided the entire service area use, and some agencies varied their reporting methods over time. In many years, the reported data also excluded some Watermaster Parties. And, in some cases, the supplemental supplies included recharge water volumes. The values reported for the noted years are representative of total water consumption by the Chino Basin parties and are not directly comparable to values reported for prior years. Watermaster staff will be working with the Parties to update the historical information for consistency in future annual reports.

<sup>2</sup> Represents the total groundwater extraction values reported in Appendix H-1.

<sup>3</sup> Total does not include cyclic deliveries, water delivered by exchange, or water from direct spreading that was used for replenishment.

## SUMMARY OF CONJUNCTIVE USE, REPLENISHMENT, AND CYCLIC ACTIVITIES FISCAL YEAR 2019-20 (ACRE-FEET)

	DYY Holding Account Summary:												Ending Bal.				
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun		Take			
Conjunctive Use Resulting from Storage and Recovery Programs in the Chino Basin														45,968.5	17,419.5	(17,394.8)	45,961.0
Direct																	
Monte Vista Water District																	
In-Lieu																	
Chino Basin Watermaster																	
Chino, City of																	
Chino Hills, City of																	
Cucamonga Valley Water District	(2,421.1)	(2,861.4)	(2,695.0)	(2,922.3)	(1,995.0)	(500.0)					(1,500.0)	(2,500.0)	(17,394.8)				
Jurupa Community Services District																	
Monte Vista Water District																	
Ontario, City of																	
Pomona, City of																	
Upland, City of																	
	(2,421.1)	(2,861.4)	(2,695.0)	(2,922.3)	(1,995.0)	(500.0)					(1,500.0)	(2,500.0)	(17,394.8)				
Total Storage / (Withdrawals)	(2,421.1)	(2,861.4)	(2,695.0)	(2,922.3)	(1,995.0)	(500.0)					(1,500.0)	(2,500.0)	(17,394.8)				
<b>Replenishment (and Preemptive Replenishment) Deliveries</b>																	
Watermaster's Replenishment Obligations:																	
Cumulative Unmet Replenishment Obligation (CURO)							0.540										0.000
Desalter Replenishment Obligation (DRO)							88.061										76.485
Fiscal Year 2018/19 Overproduction							1,294.795										1,807.340
Watermaster's Upcoming Replenishment Obligations:																	
Fiscal Year 2019/20 CURO																	
Fiscal Year 2019/20 DRO																	
Fiscal Year 2019/20 Overproduction																	
Direct*																	
ASR (Monte Vista Water District)																	
CB-11 (Deer Creek)																	
CB-13 (San Sevaine)																	
CB-14 (Etiwanda)																	
CB-15 (Day Creek)																	
CB-18 (Etiwanda Inter-tie)																	
CB-20 (West Cucamonga)																	
OC-59 (San Antonio)									1,379.8								1,379.8
In-Lieu									1,379.8								1,379.8
Service Connections																	
CB-12																	
CB-16																	
Purchased from Parties																	
Purchased from Cyclic Account																	
Pre-Purchased Previous Year(s)																3.6	3.6
Total Replenishment									1,379.8							3.6	1,383.4



## STORM AND SUPPLEMENTAL WATER RECHARGE BY BASIN FISCAL YEAR 2019-20 (ACRE-FEET)

	JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	ST	IMP	RC	ST	IMP	RC	ST	IMP	RC	ST	IMP	RC	ST	IMP	RC	ST	IMP	RC
<b>MZ 1</b>																		
<b>Aquifer Storage &amp; Recovery (ASR)</b>																		
MVWD	0	458	0		434	0	0	403	0	0	277	0	0	268	0	0	211	0
Chino Hills	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>San Antonio Channel</b>																		
Upland	0	431	0	0	0	0	0	0	0	0	0	0	76	0	0	168	578	0
College Heights	0	968	0	0	325	0	0	0	0	0	0	0	0	0	0	11	458	0
Montclair 1, 2 3 & 4	0	1,689	0	0	2,472	0	0	0	0	0	0	0	162	0	0	334	801	0
Brooks	0	111	177	0	39	56	0	0	36	0	0	176	70	0	64	160	0	31
<b>West Cucamonga Channel</b>																		
15th Street	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8th Street	6	0	280	4	0	30	3	415	93	3	175	47	76	92	36	38	0	0
7th Street	0	0	0	0	0	40	0	157	35	0	75	11	35	34	18	142	0	0
	6	3,657	456	4	3,270	127	3	976	164	3	527	234	420	394	118	853	2,048	31
<b>MZ 2</b>																		
<b>Cucamonga /Deer Creek Channels</b>																		
Turner 1 & 2	4	0	0	5	0	75	5	0	16	5	0	0	91	0	0	259	0	0
Turner 3 & 4	0	0	0	0	0	32	0	0	32	0	0	0	161	0	35	63	0	0
<b>Day Creek Channel</b>																		
Lower Day	0	401	0	0	511	0	0	369	0	0	420	0	60	286	0	89	197	0
<b>Etiwanda Channel</b>																		
Etiwanda Debris Basin	0	0	0	0	0	0	0	82	0	0	313	0	24	170	0	6	258	0
Victoria	0	0	160	0	344	142	0	501	49	0	177	116	63	63	75	117	0	27
<b>Managed Aquifer Recharge (MAR)</b>																		
Intex Property	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Minor Drainage</b>																		
Grove	0	0	0	0	0	0	0	0	0	0	0	0	80	0	0	83	0	0
<b>San Sevaine Channel</b>																		
San Sevaine 1, 2, 3 & 4	0	766	0	0	597	0	0	117	0	0	0	0	120	113	0	134	32	0
San Sevaine 5	0	0	0	0	0	0	0	0	0	0	0	0	36	0	0	77	25	0
<b>West Cucamonga Channel</b>																		
Ely 1, 2 & 3	0	0	0	22	0	0	0	88	127	3	11	242	268	0	183	443	0	0
<b>West Fontana Channel</b>																		
Hickory	1	60	0	6	350	64	6	344	20	2	194	23	14	102	11	52	3	30
	6	1,227	160	33	1,802	314	11	1,502	244	10	1,115	381	916	734	304	1,321	514	56
<b>MZ 3</b>																		
<b>Day Creek Channel</b>																		
Wineville	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Riverside	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>DeClez Channel</b>																		
DeClez	16	0	97	11	0	28	12	0	25	9	0	157	136	0	86	151	0	0
RP3 Cell 1, 3, & 4	0	0	330	0	0	375	0	0	410	4	74	526	44	131	654	90	107	727
RP3 Cell 2	3	0	0	6	0	9	6	0	16	9	4	6	25	17	18	32	0	66
<b>Etiwanda Channel</b>																		
Etiwanda Conservation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>San Sevaine Channel</b>																		
Jurupa	0	0	0	0	0	0	0	0	0	3	294	0	22	172	0	32	80	0
<b>West Fontana Channel</b>																		
Banana	0	0	33	0	0	100	0	0	227	0	0	242	53	0	92	57	0	24
	19	0	459	17	0	512	18	0	678	25	372	931	280	320	849	362	187	817
<b>Total</b>	<b>31</b>	<b>4,884</b>	<b>1,076</b>	<b>54</b>	<b>5,072</b>	<b>953</b>	<b>32</b>	<b>2,477</b>	<b>1,086</b>	<b>38</b>	<b>2,014</b>	<b>1,546</b>	<b>1,616</b>	<b>1,447</b>	<b>1,271</b>	<b>2,536</b>	<b>2,750</b>	<b>904</b>

Evaporative losses are applied to Imported and Recycled Water (1.5% November - March, 4.2% April - October).

ST = stormwater  
 IMP = imported water  
 RC = recycled water

JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE			TOTAL			
ST	IMP	RC	ST	IMP	RC	ST	IMP	RC	ST	IMP	RC	ST	IMP	RC	ST	IMP	RC	ST	IMP	RC	ALL
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,051	0	2,051
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	123	0	0	0	0	87	0	0	95	0	0	19	0	0	0	0	0	445	1,132	0	1,578
0	79	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	13	1,829	0	1,843
17	91	0	0	0	0	298	0	0	282	148	0	4	453	0	0	425	0	1,096	6,080	0	7,176
4	0	5	0	0	53	159	0	68	167	0	15	8	0	114	0	0	102	568	151	898	1,616
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	63	19	0	64	110	0	0	36	0	11	9	0	58	3	0	162	312	682	843	1,837
0	0	5	0	0	0	51	0	0	84	0	0	0	0	26	0	0	0	311	266	135	712
25	293	73	19	0	117	706	0	68	663	148	26	40	453	198	3	425	264	2,746	12,191	1,876	16,813
17	0	0	220	0	0	192	0	0	159	0	0	9	0	0	2	0	0	969	0	92	1,061
19	0	0	32	0	0	104	0	0	85	0	0	13	0	0	0	0	0	477	0	100	577
1	44	0	5	0	0	54	0	0	79	0	0	0	0	0	0	0	0	288	2,228	0	2,516
0	26	0	0	0	0	0	0	0	162	0	0	0	0	0	0	0	0	191	848	0	1,040
0	0	35	0	0	68	78	0	85	91	0	92	3	0	66	0	0	136	352	1,085	1,050	2,487
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
51	0	0	0	0	0	79	0	0	28	0	0	0	0	0	0	0	0	321	0	0	321
24	52	0	0	0	0	83	0	0	134	0	0	1	0	0	0	0	0	495	1,676	0	2,171
7	0	0	8	0	0	171	0	0	229	0	0	2	0	0	0	0	0	530	25	0	555
5	0	113	3	0	272	582	0	106	395	0	135	38	0	469	0	0	415	1,758	100	2,061	3,919
1	3	36	1	0	15	40	0	73	61	0	19	1	0	72	0	0	122	186	1,056	483	1,725
127	125	183	270	0	355	1,382	0	264	1,423	0	246	68	0	606	2	0	673	5,568	7,018	3,786	16,372
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	71	19	0	48	163	0	26	95	0	37	12	0	76	11	0	115	644	0	765	1,409
0	46	348	0	0	449	108	0	515	139	0	368	0	0	267	1	0	289	386	358	5,259	6,004
7	0	17	0	0	0	85	0	98	62	0	91	1	0	31	0	0	39	236	21	390	646
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	20	0	9	0	0	17	0	0	51	0	0	1	0	0	0	0	0	140	566	0	706
0	0	45	0	0	24	81	0	38	57	0	17	0	0	35	0	0	0	248	0	877	1,125
22	66	481	28	0	521	454	0	678	403	0	514	13	0	409	12	0	444	1,653	945	7,291	9,889
174	484	737	316	0	993	2,543	0	1,010	2,490	148	785	121	453	1,213	17	425	1,380	9,967	20,154	12,953	43,074

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**CHINO BASIN WATERMASTER**

**APPROVED**

**2020/2021 ASSESSMENT PACKAGE  
(PRODUCTION YEAR 2019/2020)**

**NOVEMBER 19, 2020**





## Chino Basin Watermaster Assessment Package

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Assessment Year 2020-2021 (Production Year 2019-2020)

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Assessment Year 2020-2021 (Production Year 2019-2020)

**POOL 1**

## Water Production Overview

### AGRICULTURAL POOL SUMMARY IN ACRE FEET

Agricultural Pool Safe Yield	82,800.0
Agricultural Total Pool Production	(21,841.4)
	<b>60,958.6</b>
Safe Yield Reduction (Backfill)	(5,000.0)
Total Conversions	(30,996.9)
	<b>(35,996.9)</b>
Under(Over) Production:	<b>24,961.7</b>

Well County	Physical Production	Voluntary Agreements	Total Ag Pool Production
Los Angeles County	134.4	0.0	134.4
Riverside County	1,825.2	0.0	1,825.2
San Bernardino County	13,833.7	6,048.1	19,881.7
	<b>15,793.3</b>	<b>6,048.1</b>	<b>21,841.4</b>



**Assessment Year 2020-2021 (Production Year 2019-2020)**  
**Assessment Fee Summary**

	AF Production	Non-Agricultural Pool		Replenishment Assessments		CURO Adjmnt	RTS Charges	Other Adjmnts	Total Assmnts Due
		\$21.20 AF/Admin	\$60.80 AF/OBMP	AF Over Annual Right	\$767.00 Per AF				
9W Halo Western OpCo L.P.	26.3	558.17	1,600.80	9.4	7,224.37	56.66	423.26	0.00	9,863.27
ANG II (Multi) LLC	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
Aqua Capital Management LP	0.0	0.00	0.00	0.0	0.00	0.00	320.49	0.00	320.49
California Speedway Corporation	427.5	9,062.64	25,990.97	0.0	0.00	0.00	0.00	0.00	35,053.61
California Steel Industries, Inc.	1,065.0	22,578.74	64,754.13	0.0	0.00	0.00	0.00	0.00	87,332.87
CalMat Co.	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
CCG Ontario, LLC	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
City of Ontario (Non-Ag)	1,552.7	32,916.33	94,401.55	0.0	0.00	0.00	0.00	0.00	127,317.88
County of San Bernardino (Non-Ag)	40.0	847.89	2,431.70	0.0	0.00	0.00	0.00	0.00	3,279.59
General Electric Company	4.9	103.77	297.62	4.9	3,754.47	0.73	0.34	0.00	4,156.93
GenOn California South, LP	1.9	40.45	116.01	0.0	0.00	0.00	0.00	0.00	156.46
Hamner Park Associates, a California Limited Partnership	314.8	6,674.65	19,142.39	0.0	0.00	0.00	0.00	0.00	25,817.04
Monte Vista Water District (Non- Ag)	15.8	334.49	959.30	0.0	0.00	0.00	0.00	0.00	1,293.79
Praxair, Inc.	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
Riboli Family and San Antonio Winery, Inc.	25.6	542.06	1,554.60	25.6	19,611.42	262.71	212.05	0.00	22,182.85
Space Center Mira Loma, Inc.	93.7	1,986.61	5,697.45	0.0	0.00	0.00	0.00	0.00	7,684.06
TAMCO	19.9	421.20	1,207.97	0.0	0.00	0.00	202.77	0.00	1,831.94
West Venture Development Company	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
	<b>3,588.1</b>	<b>76,067.00</b>	<b>218,154.49</b>	<b>39.9</b>	<b>30,590.26</b>	<b>320.10</b>	<b>1,158.91</b>	<b>0.00</b>	<b>326,290.77</b>
	<b>2A</b>	<b>2B</b>	<b>2C</b>	<b>2D</b>	<b>2E</b>	<b>2F</b>	<b>2G</b>	<b>2H</b>	<b>2I</b>

p2:  
 1) ANG II (Multi) LLC and 9W Halo Western OpCo L.P. formally intervened in 2020 as successors to Southern Service Company.  
 2) Southern Service Company permanently transferred their rights to ANG II (Multi) LLC, where they then temporarily leased the rights to 9W Halo Western OpCo L.P. as successor to Angelica through January 2030.



**Assessment Year 2020-2021 (Production Year 2019-2020)**  
**Water Production Overview**

	Physical Production	Assignments	Other Adjustments	Actual FY Production (Assmnt Pkg Column 4H)
9W Halo Western OpCo L.P.	26.3	0.0	0.0	26.3
ANG II (Multi) LLC	0.0	0.0	0.0	0.0
Aqua Capital Management LP	0.0	0.0	0.0	0.0
California Speedway Corporation	427.5	0.0	0.0	427.5
California Steel Industries, Inc.	1,065.0	0.0	0.0	1,065.0
CalMat Co.	0.0	0.0	0.0	0.0
CCG Ontario, LLC	0.0	0.0	0.0	0.0
City of Ontario (Non-Ag)	0.0	1,552.7	0.0	1,552.7
County of San Bernardino (Non-Ag)	0.0	40.0	0.0	40.0
General Electric Company	783.9	0.0	(779.0)	4.9
GenOn California South, LP	1.9	0.0	0.0	1.9
Hamner Park Associates, a California Limited Partnership	0.0	314.8	0.0	314.8
Monte Vista Water District (Non-Ag)	0.0	15.8	0.0	15.8
Praxair, Inc.	0.0	0.0	0.0	0.0
Riboli Family and San Antonio Winery, Inc.	25.6	0.0	0.0	25.6
Space Center Mira Loma, Inc.	0.0	93.7	0.0	93.7
TAMCO	19.9	0.0	0.0	19.9
West Venture Development Company	0.0	0.0	0.0	0.0
	<b>2,350.1</b>	<b>2,017.0</b>	<b>(779.0)</b>	<b>3,588.1</b>
	<b>3A</b>	<b>3B</b>	<b>3C</b>	<b>3D</b>

p3:

- 1) General Electric Company extracted 783.91 AF of water; they subsequently injected 653.070 AF and discharged 125.945 AF (evaporative loss applied) into the Ely Basins during the fiscal year.
- 2) ANG II (Multi) LLC and 9W Halo Western OpCo L.P. formally intervened in 2020 as successors to Southern Service Company.
- 3) Southern Service Company permanently transferred their rights to ANG II (Multi) LLC, where they then temporarily leased the rights to 9W Halo Western OpCo L.P. as successor to Angelica through January 2030.





Assessment Year 2020-2021 (Production Year 2019-2020)

# Water Production Summary

	Percent of Safe Yield	Carryover Beginning Balance	Prior Year Adjustments	Assigned Share of Safe Yield (AF)
9W Halo Western OpCo L.P.	0.256%	0.0	0.0	18.8
ANG II (Multi) LLC	0.000%	0.0	0.0	0.0
Aqua Capital Management LP	0.000%	0.0	0.0	0.0
California Speedway Corporation	13.605%	1,000.0	0.0	1,000.0
California Steel Industries, Inc.	21.974%	1,615.1	0.0	1,615.1
CalMat Co.	0.000%	0.0	0.0	0.0
CCG Ontario, LLC	0.000%	0.0	0.0	0.0
City of Ontario (Non-Ag)	53.338%	2,966.0	0.0	3,920.6
County of San Bernardino (Non-Ag)	1.821%	133.9	0.0	133.9
General Electric Company	0.000%	0.0	0.0	0.0
GenOn California South, LP	0.000%	954.5	0.0	0.0
Hamner Park Associates, a California Limited Partnership	6.316%	464.2	0.0	464.2
Monte Vista Water District (Non-Ag)	0.680%	50.0	0.0	50.0
Praxair, Inc.	0.014%	1.0	0.0	1.0
Riboli Family and San Antonio Winery, Inc.	0.000%	0.0	0.0	0.0
Space Center Mira Loma, Inc.	1.417%	0.0	0.0	104.1
TAMCO	0.579%	42.6	0.0	42.6
West Venture Development Company	0.000%	0.0	0.0	0.0
	<b>100.00%</b>	<b>7,227.4</b>	<b>0.0</b>	<b>7,350.3</b>
	4A	4B	4C	4D

p4:

- 1) ANG II (Multi) LLC and 9W Halo Western OpCo L.P. formally intervened in 2020 as successors to Southern Service Company.
- 2) Southern Service Company permanently transferred their rights to ANG II (Multi) LLC, where they then temporarily leased the rights to 9W Halo Western OpCo

**POOL 2**

Water Transaction Activity	Other Adjustments	Annual Production Right	Actual Fiscal Year Production	Net Over Production	Under Production Balances		
					Total Under-Produced	Carryover: Next Year Begin Bal	To Excess Carryover Account
(1.9)	0.0	16.9	26.3	9.4	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(100.0)	0.0	1,900.0	427.5	0.0	1,472.5	1,000.0	472.5
(161.5)	0.0	3,068.8	1,065.0	0.0	2,003.7	1,615.1	388.6
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
560.6	0.0	7,447.2	1,552.7	0.0	5,894.5	3,920.6	1,973.9
(13.4)	0.0	254.4	40.0	0.0	214.4	133.9	80.5
0.0	0.0	0.0	4.9	4.9	0.0	0.0	0.0
(952.6)	0.0	1.9	1.9	0.0	0.0	0.0	0.0
(46.4)	0.0	882.1	314.8	0.0	567.2	464.2	103.0
(5.0)	0.0	95.0	15.8	0.0	79.2	50.0	29.2
(0.1)	0.0	1.9	0.0	0.0	1.9	1.0	0.9
0.0	0.0	0.0	25.6	25.6	0.0	0.0	0.0
(10.4)	0.0	93.7	93.7	0.0	0.0	0.0	0.0
(4.3)	0.0	81.0	19.9	0.0	61.1	42.6	18.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>(735.0)</b>	<b>0.0</b>	<b>13,842.7</b>	<b>3,588.1</b>	<b>39.9</b>	<b>10,294.6</b>	<b>7,227.4</b>	<b>3,067.1</b>
<b>4E</b>	<b>4F</b>	<b>4G</b>	<b>4H</b>	<b>4I</b>	<b>4J</b>	<b>4K</b>	<b>4L</b>

L.P. as successor to Angelica through January 2030.

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**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Local Storage Accounts Summary**

	Local Excess Carry Over Storage Account (ECO)					Local Supplemental Storage Account				Combined
	Beginning Balance	0.07% Storage Loss	Transfers To / (From)	From Under-Production	Ending Balance	Beginning Balance	0.07% Storage Loss	Transfers To / (From)	Ending Balance	Ending Balance
9W Halo Western OpCo L.P.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ANG II (Multi) LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aqua Capital Management LP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
California Speedway Corporation	1,978.1	(1.4)	(1,029.3)	472.5	1,419.9	0.0	0.0	0.0	0.0	1,419.9
California Steel Industries, Inc.	1,974.5	(1.4)	0.0	388.6	2,361.7	0.0	0.0	0.0	0.0	2,361.7
CalMat Co.	5.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	0.0	5.0
CCG Ontario, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
City of Ontario (Non-Ag)	3,261.0	(2.3)	(1,771.2)	1,973.9	3,461.4	0.0	0.0	0.0	0.0	3,461.4
County of San Bernardino (Non-Ag)	123.7	(0.1)	0.0	80.5	204.1	0.0	0.0	0.0	0.0	204.1
General Electric Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
GenOn California South, LP	2,790.2	(2.0)	(2,788.2)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hamner Park Associates, a California Limited Partnership	1,525.7	(1.1)	0.0	103.0	1,627.6	0.0	0.0	0.0	0.0	1,627.6
Monte Vista Water District (Non-Ag)	65.9	0.0	0.0	29.2	95.1	0.0	0.0	0.0	0.0	95.1
Praxair, Inc.	62.6	0.0	0.0	0.9	63.5	0.0	0.0	0.0	0.0	63.5
Riboli Family and San Antonio Winery, Inc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Space Center Mira Loma, Inc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TAMCO	216.9	(0.2)	0.0	18.5	235.3	0.0	0.0	0.0	0.0	235.3
West Venture Development Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>12,003.6</b>	<b>(8.4)</b>	<b>(5,588.8)</b>	<b>3,067.1</b>	<b>9,473.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>9,473.5</b>
	<b>5A</b>	<b>5B</b>	<b>5C</b>	<b>5D</b>	<b>5E</b>	<b>5F</b>	<b>5G</b>	<b>5H</b>	<b>5I</b>	<b>5J</b>

p5:

- 1) A total of 1,000 AF was transferred pursuant to the Exhibit "G" Physical Solution from California Speedway Corporation.
- 2) California Speedway Corporation dedicated 29.293 AF to satisfy Arrowhead's 2020/21 DRO pursuant to an Exhibit "G" Section 10 Form A.
- 3) ANG II (Multi) LLC and 9W Halo Western OpCo L.P. formally intervened in 2020 as successors to Southern Service Company.
- 4) Southern Service Company permanently transferred their rights to ANG II (Multi) LLC, where they then temporarily leased the rights to 9W Halo Western OpCo L.P. as successor to Angelica through January 2030.





**Assessment Year 2020-2021 (Production Year 2019-2020)**  
**Water Transaction Summary**

	Percent of Safe Yield	Assigned Share of Safe Yield (AF)	Water Transactions			Total Water Transactions
			10% of Operating Safe Yield ("Haircut")	Transfers (To) / From ECO Account	General Transfers / Exhibit G Water Sales	
9W Halo Western OpCo L.P.	0.256%	18.8	(1.9)	0.0	0.0	(1.9)
ANG II (Multi) LLC	0.000%	0.0	0.0	0.0	0.0	0.0
Aqua Capital Management LP	0.000%	0.0	0.0	0.0	0.0	0.0
California Speedway Corporation	13.605%	1,000.0	(100.0)	1,029.3	(1,029.3)	(100.0)
California Steel Industries, Inc.	21.974%	1,615.1	(161.5)	0.0	0.0	(161.5)
CalMat Co.	0.000%	0.0	0.0	0.0	0.0	0.0
CCG Ontario, LLC	0.000%	0.0	0.0	0.0	0.0	0.0
City of Ontario (Non-Ag)	53.338%	3,920.6	(392.1)	1,771.2	(818.6)	560.6
County of San Bernardino (Non-Ag)	1.821%	133.9	(13.4)	0.0	0.0	(13.4)
General Electric Company	0.000%	0.0	0.0	0.0	0.0	0.0
GenOn California South, LP	0.000%	0.0	0.0	2,788.2	(3,740.9)	(952.6)
Hamner Park Associates, a California Limited Pa	6.316%	464.2	(46.4)	0.0	0.0	(46.4)
Monte Vista Water District (Non-Ag)	0.680%	50.0	(5.0)	0.0	0.0	(5.0)
Praxair, Inc.	0.014%	1.0	(0.1)	0.0	0.0	(0.1)
Riboli Family and San Antonio Winery, Inc.	0.000%	0.0	0.0	0.0	0.0	0.0
Space Center Mira Loma, Inc.	1.417%	104.1	(10.4)	0.0	0.0	(10.4)
TAMCO	0.579%	42.6	(4.3)	0.0	0.0	(4.3)
West Venture Development Company	0.000%	0.0	0.0	0.0	0.0	0.0
	<b>100.000%</b>	<b>7,350.3</b>	<b>(735.0)</b>	<b>5,588.8</b>	<b>(5,588.8)</b>	<b>(735.0)</b>
	<b>6A</b>	<b>6B</b>	<b>6C</b>	<b>6D</b>	<b>6E</b>	<b>6F</b>

p6:  
 1) A total of 1,000 AF was transferred pursuant to the Exhibit "G" Physical Solution from California Speedway Corporation.  
 2) California Speedway Corporation dedicated 29,293 AF to satisfy Arrowhead's 2020/21 DRO pursuant to an Exhibit "G" Section 10 Form A.  
 3) ANG II (Multi) LLC and 9W Halo Western OpCo L.P. formally intervened in 2020 as successors to Southern Service Company.  
 4) Southern Service Company permanently transferred their rights to ANG II (Multi) LLC, where they then temporarily leased the rights to 9W Halo Western OpCo L.P. as successor to Angelica through January 2030.



**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Cumulative Unmet Replenishment Obligation (CURO)**

Remaining Replenishment Obligation:	AF
Appropriative - 100	0.0
Appropriative - 15/85	0.0
Non-Agricultural - 100	0.0
	<b>0.0</b>

Replenishment Rates	
2020 Rate	\$767.00
2019 Rate	\$743.00

**Pool 2 Non-Agricultural**

Company	Outstanding Obligation (AF)	Fund Balance (\$)	Outstanding Obligation (\$)
9W Halo Western OpCo L.P.	0.0	(\$56.66)	\$56.66
ANG II (Multi) LLC	0.0	\$0.00	\$0.00
Aqua Capital Management LP	0.0	\$0.00	\$0.00
California Speedway Corporation	0.0	\$0.00	\$0.00
California Steel Industries, Inc.	0.0	\$0.00	\$0.00
CalMat Co.	0.0	\$0.00	\$0.00
CCG Ontario, LLC	0.0	\$0.00	\$0.00
City of Ontario (Non-Ag)	0.0	\$0.00	\$0.00
County of San Bernardino (Non-Ag)	0.0	\$0.00	\$0.00
General Electric Company	0.0	(\$0.73)	\$0.73
GenOn California South, LP	0.0	\$0.00	\$0.00
Hamner Park Associates, a California Limited Partnership	0.0	\$0.00	\$0.00
Monte Vista Water District (Non-Ag)	0.0	\$0.00	\$0.00
Praxair, Inc.	0.0	\$0.00	\$0.00
Riboli Family and San Antonio Winery, Inc.	0.0	(\$262.71)	\$262.71
Space Center Mira Loma, Inc.	0.0	\$0.00	\$0.00
TAMCO	0.0	\$0.00	\$0.00
West Venture Development Company	0.0	\$0.00	\$0.00
<b>Pool 2 Non-Agricultural Total</b>	<b>0.0</b>	<b>(\$320.10)</b>	<b>\$320.10</b>
	7A	7B	7C

p7:

1) The 2020 rate includes a \$10 surcharge from Three Valleys Municipal Water District.



Assessment Year 2020-2021 (Production Year 2019-2020)

# Assessment Fee Summary

	AF Production and Exchanges	Appropriative Pool		Ag Pool SY Reallocation			Replenishment Assessments		
		\$21.20 AF/Admin	\$60.80 AF/OBMP	AF Total Realloc- ation	\$463,102 \$7.60 AF/Admin	\$1,327,886 \$21.78 AF/OBMP	\$115.05 AF/15%	\$651.95 AF/85%	\$767.00 AF/100%
Arrowhead Mtn Spring Water Co	279.1	5,916.52	16,968.12	0.0	0.00	0.00	0.00	0.00	0.00
CalMat Co. (Appropriative)	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
Chino Hills, City Of	1,409.0	29,870.72	85,666.96	2,431.8	18,474.66	52,973.75	21.64	0.00	0.00
Chino, City Of	2,196.2	46,559.97	133,530.48	11,080.1	84,175.76	241,363.26	33.73	0.00	0.00
Cucamonga Valley Water District	5,920.6	125,517.61	359,975.03	2,576.1	19,570.89	56,117.03	90.92	0.00	0.00
Desalter Authority	35,597.1	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
Fontana Union Water Company	0.0	0.00	0.00	3,492.6	26,533.53	76,081.52	0.00	0.00	0.00
Fontana Water Company	10,426.8	221,047.71	633,948.16	834.6	6,340.44	18,180.41	160.11	0.00	0.00
Fontana, City Of	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
Golden State Water Company	640.0	13,568.32	38,912.91	224.7	1,707.14	4,895.02	9.83	0.00	0.00
Jurupa Community Services District	12,241.6	259,521.50	744,288.06	16,177.2	122,898.32	352,395.28	187.98	0.00	0.00
Marygold Mutual Water Company	860.2	18,236.66	52,301.38	358.0	2,720.04	7,799.38	0.00	0.00	0.00
Monte Vista Irrigation Company	0.0	0.00	0.00	369.7	2,808.81	8,053.91	0.00	0.00	0.00
Monte Vista Water District	6,568.2	139,245.59	399,345.83	2,741.3	20,825.99	59,715.86	100.86	0.00	0.00
NCL Co, LLC	0.0	0.00	0.00	0.0	0.00	0.00	0.00	0.00	0.00
Niagara Bottling, LLC	1,759.9	37,310.30	107,003.14	0.0	0.00	0.00	0.00	0.00	1,349,858.64
Nicholson Family Trust	0.0	0.00	0.00	2.1	15.93	45.68	0.00	0.00	0.00
Norco, City Of	0.0	0.00	0.00	110.3	837.64	2,401.82	0.00	0.00	0.00
Ontario, City Of	13,920.4	295,112.46	846,360.26	10,468.7	79,530.81	228,044.47	213.76	0.00	0.00
Pomona, City Of	10,551.2	223,685.25	641,512.41	6,128.4	46,557.16	133,496.73	0.00	0.00	0.00
San Antonio Water Company	614.4	13,025.85	37,357.16	823.3	6,254.97	17,935.33	9.44	0.00	0.00
San Bernardino, County of (Shooting Park)	7.5	159.78	458.25	0.0	0.00	0.00	0.12	4,913.75	0.00
Santa Ana River Water Company	142.6	3,022.95	8,669.59	711.0	5,401.39	15,487.81	2.19	0.00	0.00
Upland, City Of	2,381.2	50,481.40	144,776.84	1,558.6	11,840.73	33,951.80	36.57	0.00	0.00
West End Consolidated Water Co	0.0	0.00	0.00	517.7	3,933.25	11,278.10	0.00	0.00	0.00
West Valley Water District	0.0	0.00	0.00	352.1	2,674.52	7,668.85	0.00	0.00	0.00
	<b>105,516.1</b>	<b>1,482,282.59</b>	<b>4,251,074.58</b>	<b>60,958.6</b>	<b>463,102.00</b>	<b>1,327,886.00</b>	<b>867.15</b>	<b>4,913.75</b>	<b>1,349,858.64</b>
	<b>8A</b>	<b>8B</b>	<b>8C</b>	<b>8D</b>	<b>8E</b>	<b>8F</b>	<b>8G</b>	<b>8H</b>	<b>8I</b>

p8:

- 1) IEUA is collecting the third of ten annual RTS charges for water purchased in FY 2016/17, and second of ten annual RTS charges for water purchased in FY 2017/18
- 2) "Other Adjustments" (column [8R]) include adjustments from replenishment purchase for DRO.

**POOL 3**

85/15 Activity			ASSESSMENTS DUE							
15% Producer Credits	15% Pro-rated Debits	CURO Adjmt	Total Production Based	Pomona Credit	Recharge Debt Payment	Recharge Imprvmt Project	RTS Charges	Other Adjmts	DRO	Total Due
0.00	0.00	746.24	23,630.88	0.00	0.00	0.00	8,274.65	0.00	0.00	31,905.53
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	20,053.89	0.35	207,061.97	2,567.35	20,583.44	0.00	1.14	0.00	0.00	230,213.90
0.00	31,258.32	0.54	536,922.06	4,904.69	39,322.87	0.00	0.06	0.00	0.00	581,149.68
0.00	84,267.02	1.46	645,539.96	4,400.69	35,282.08	0.00	13.31	0.00	0.00	685,236.04
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	102,615.05	7,771.37	62,306.20	0.00	0.00	0.00	0.00	172,692.62
(803,703.22)	148,401.75	2.58	224,377.95	1.33	10.69	0.00	10.07	0.00	0.00	224,400.03
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	9,109.17	0.16	68,202.55	500.00	4,008.72	0.00	0.55	0.00	0.00	72,711.82
0.00	174,231.36	3.03	1,653,525.53	2,506.01	20,091.70	0.00	6.39	0.00	0.00	1,676,129.63
0.00	0.00	0.00	81,057.46	796.67	6,387.23	0.00	841.34	0.00	0.00	89,082.70
0.00	0.00	0.00	10,862.72	822.67	6,595.68	0.00	0.00	0.00	0.00	18,281.07
0.00	93,483.39	1.62	712,719.14	5,864.70	47,019.61	0.00	5.36	0.00	0.00	765,608.81
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	10,532.36	1,504,704.44	0.00	0.00	0.00	26,339.96	399.97	58,057.30	1,589,501.67
0.00	0.00	0.00	61.61	4.67	37.41	0.00	0.00	5.31	0.00	109.00
0.00	0.00	0.00	3,239.46	245.33	1,966.95	0.00	0.00	0.00	0.00	5,451.74
0.00	198,125.57	3.44	1,647,390.77	13,828.07	110,865.16	0.00	12.38	0.00	0.00	1,772,096.38
0.00	0.00	0.00	1,045,251.55	(53,030.93)	109,325.81	0.00	0.00	0.00	0.00	1,101,546.43
0.00	8,744.99	0.15	83,327.89	1,832.01	14,687.95	0.00	0.62	0.00	0.00	99,848.47
0.00	107.27	79.12	5,718.29	0.00	0.00	0.00	298.02	10.51	606.70	6,633.52
0.00	2,029.48	0.04	34,613.45	1,582.01	12,683.59	0.00	1,061.48	(0.50)	0.00	49,940.03
0.00	33,891.00	0.59	274,978.93	3,468.02	27,804.48	0.00	1.53	0.00	0.00	306,252.96
0.00	0.00	0.00	15,211.35	1,152.01	9,236.09	0.00	0.00	0.00	0.00	25,599.45
0.00	0.00	0.00	10,343.37	783.34	6,280.33	0.00	524.21	(0.25)	0.00	17,931.00
<b>(803,703.22)</b>	<b>803,703.21</b>	<b>11,371.68</b>	<b>8,891,356.38</b>	<b>0.01</b>	<b>534,495.99</b>	<b>0.00</b>	<b>37,391.06</b>	<b>415.04</b>	<b>58,664.00</b>	<b>9,522,322.47</b>
<b>8J</b>	<b>8K</b>	<b>8L</b>	<b>8M</b>	<b>8N</b>	<b>8O</b>	<b>8P</b>	<b>8Q</b>	<b>8R</b>	<b>8S</b>	<b>8T</b>

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**Assessment Year 2020-2021 (Production Year 2019-2020)**  
**Water Production Overview**

	Physical Production	Voluntary Agreements (w/ Ag)	Assignments (w/ Non-Ag)	Other Adjustments	Actual FY Production (Assmnt Pkg Column 10I)
Arrowhead Mtn Spring Water Co	279.1	0.0	0.0	0.0	279.1
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	1,472.5	(63.5)	0.0	0.0	1,409.0
Chino, City Of	5,172.7	(2,936.5)	(40.0)	0.0	2,196.2
Cucamonga Valley Water District	23,318.2	0.0	0.0	(2.8)	23,315.4
Desalter Authority	35,629.5	0.0	0.0	(32.4)	35,597.1
Fontana Union Water Company	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	10,426.8	0.0	0.0	0.0	10,426.8
Fontana, City Of	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	640.0	0.0	0.0	0.0	640.0
Jurupa Community Services District	12,760.3	0.0	(408.6)	(110.1)	12,241.6
Marygold Mutual Water Company	860.2	0.0	0.0	0.0	860.2
Monte Vista Irrigation Company	0.0	0.0	0.0	0.0	0.0
Monte Vista Water District	6,710.4	(125.9)	(15.8)	(0.6)	6,568.2
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	1,759.9	0.0	0.0	0.0	1,759.9
Nicholson Family Trust	0.0	0.0	0.0	0.0	0.0
Norco, City Of	0.0	0.0	0.0	0.0	0.0
Ontario, City Of	18,395.3	(2,922.2)	(1,552.7)	0.0	13,920.4
Pomona, City Of	10,551.2	0.0	0.0	0.0	10,551.2
San Antonio Water Company	614.4	0.0	0.0	0.0	614.4
San Bernardino, County of (Shooting Park)	7.5	0.0	0.0	0.0	7.5
Santa Ana River Water Company	0.0	0.0	0.0	142.6	142.6
Upland, City Of	2,448.9	0.0	0.0	(67.7)	2,381.2
West End Consolidated Water Co	0.0	0.0	0.0	0.0	0.0
West Valley Water District	0.0	0.0	0.0	0.0	0.0
	<b>131,047.0</b>	<b>(6,048.1)</b>	<b>(2,017.0)</b>	<b>(71.1)</b>	<b>122,910.9</b>
Less Desalter Authority Production					<b>(35,597.1)</b>
Total Less Desalter Authority Production					<b>87,313.8</b>
	<b>9A</b>	<b>9B</b>	<b>9C</b>	<b>9D</b>	<b>9E</b>

p9:  
 Other Adj:  
 1) CDA provided 32.448 AF to JCSD for irrigation at Orchard Park.  
 2) Monte Vista Water District received credit of 0.580 AF after evaporative losses due to Pump-to-Waste activities in which the water was recaptured into a recharge basin.  
 3) City of Upland received credit of 67.721 AF after evaporative losses due to Pump-to-Waste activities in which the water was recaptured into a recharge basin.



## Assessment Year 2020-2021 (Production Year 2019-2020)

# Water Production Summary

	<i>Percent of Operating Safe Yield</i>	<i>Carryover Beginning Balance</i>	<i>Prior Year Adjustments</i>	<i>Assigned Share of Operating Safe Yield</i>	<i>Net Ag Pool Reallocation</i>	<i>Water Transaction Activity</i>	<i>Other Adjustments</i>
Arrowhead Mtn Spring Water Co	0.000%	0.0	0.0	0.0	0.0	1,000.0	0.0
CalMat Co. (Appropriative)	0.000%	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	3.851%	1,726.6	0.0	1,726.6	2,431.8	0.0	0.0
Chino, City Of	7.357%	3,298.4	0.0	3,298.4	11,080.1	0.0	0.0
Cucamonga Valley Water District	6.601%	2,127.9	0.0	2,959.5	2,576.1	(146.5)	0.0
Desalter Authority	0.000%	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	11.657%	0.0	0.0	5,226.3	3,492.6	(8,718.9)	0.0
Fontana Water Company	0.002%	0.0	0.0	0.9	834.6	12,004.0	0.0
Fontana, City Of	0.000%	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.750%	336.3	0.0	336.3	224.7	66.4	0.0
Jurupa Community Services District	3.759%	1,685.3	0.0	1,685.3	16,177.2	0.0	0.0
Marygold Mutual Water Company	1.195%	365.7	0.0	535.8	358.0	0.0	0.0
Monte Vista Irrigation Company	1.234%	553.3	0.0	553.3	369.7	0.0	0.0
Monte Vista Water District	8.797%	3,944.0	0.0	3,944.0	2,741.3	0.0	0.0
NCL Co, LLC	0.000%	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.000%	0.0	0.0	0.0	0.0	0.0	0.0
Nicholson Family Trust	0.007%	3.1	0.0	3.1	2.1	(4.0)	0.0
Norco, City Of	0.368%	165.0	0.0	165.0	110.3	0.0	0.0
Ontario, City Of	20.742%	9,299.5	0.0	9,299.5	10,468.7	0.0	0.0
Pomona, City Of	20.454%	9,170.3	0.0	9,170.3	6,128.4	0.0	0.0
San Antonio Water Company	2.748%	1,232.0	0.0	1,232.0	823.3	0.0	0.0
San Bernardino, County of (Shooting P	0.000%	0.0	0.0	0.0	0.0	0.0	0.0
Santa Ana River Water Company	2.373%	1,063.9	0.0	1,063.9	711.0	(1,000.0)	0.0
Upland, City Of	5.202%	2,332.3	0.0	2,332.3	1,558.6	708.3	0.0
West End Consolidated Water Co	1.728%	774.7	0.0	774.7	517.7	(708.3)	0.0
West Valley Water District	1.175%	526.8	0.0	526.8	352.1	0.0	0.0
	<b>100.00%</b>	<b>38,605.2</b>	<b>0.0</b>	<b>44,834.0</b>	<b>60,958.6</b>	<b>3,201.0</b>	<b>0.0</b>

Less Desalter Authority Production

Total Less Desalter Authority Production

10A

10B

10C

10D

10E

10F

10G

**POOL 3**

Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Production and Exchanges	Net Over-Production		Under Production Balances		
				85/15%	100%	Total Under-Produced	Carryover: Next Year Begin Bal	To Excess Carryover Account
1,000.0	279.1	0.0	279.1	0.0	0.0	720.9	0.0	720.9
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5,885.0	1,409.0	0.0	1,409.0	0.0	0.0	4,476.0	1,726.6	2,749.4
17,677.0	2,196.2	0.0	2,196.2	0.0	0.0	15,480.8	3,298.4	12,182.4
7,517.1	23,315.4	(17,394.8)	5,920.6	0.0	0.0	1,596.4	1,596.4	0.0
0.0	35,597.1	0.0	35,597.1	0.0	35,597.1	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12,839.5	10,426.8	0.0	10,426.8	0.0	0.0	2,412.7	0.9	2,411.8
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
963.6	640.0	0.0	640.0	0.0	0.0	323.6	323.6	0.0
19,547.9	12,241.6	0.0	12,241.6	0.0	0.0	7,306.3	1,685.3	5,621.0
1,259.5	860.2	0.0	860.2	0.0	0.0	399.3	399.3	0.0
1,476.2	0.0	0.0	0.0	0.0	0.0	1,476.2	553.3	923.0
10,629.4	6,568.2	0.0	6,568.2	0.0	0.0	4,061.3	3,944.0	117.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	1,759.9	0.0	1,759.9	0.0	1,759.9	0.0	0.0	0.0
4.4	0.0	0.0	0.0	0.0	0.0	4.4	3.1	1.2
440.2	0.0	0.0	0.0	0.0	0.0	440.2	165.0	275.2
29,067.7	13,920.4	0.0	13,920.4	0.0	0.0	15,147.3	9,299.5	5,847.8
24,469.1	10,551.2	0.0	10,551.2	0.0	0.0	13,917.9	9,170.3	4,747.5
3,287.4	614.4	0.0	614.4	0.0	0.0	2,673.0	1,232.0	1,441.0
0.0	7.5	0.0	7.5	7.5	0.0	0.0	0.0	0.0
1,838.8	142.6	0.0	142.6	0.0	0.0	1,696.2	1,063.9	632.3
6,931.4	2,381.2	0.0	2,381.2	0.0	0.0	4,550.2	2,332.3	2,218.0
1,358.9	0.0	0.0	0.0	0.0	0.0	1,358.9	774.7	584.2
1,405.7	0.0	0.0	0.0	0.0	0.0	1,405.7	526.8	878.9
<b>147,598.7</b>	<b>122,910.9</b>	<b>(17,394.8)</b>	<b>105,516.1</b>	<b>7.5</b>	<b>37,357.0</b>	<b>79,447.2</b>	<b>38,095.5</b>	<b>41,351.7</b>
	<b>(35,597.1)</b>		<b>(35,597.1)</b>		<b>(35,597.1)</b>			
	<b>87,313.8</b>		<b>69,919.0</b>		<b>1,759.9</b>			
<b>10H</b>	<b>10I</b>	<b>10J</b>	<b>10K</b>	<b>10L</b>	<b>10M</b>	<b>10N</b>	<b>10O</b>	<b>10P</b>

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**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Local Excess Carry Over Storage Account Summary**

	Excess Carry Over Account (ECO)					
	Beginning Balance	0.07% Storage Loss	Transfers To / (From)	From Supplemental Storage	From Under-Production	Ending Balance
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	720.9	720.9
CalMat Co. (Appropriative)	0.4	0.0	0.0	0.0	0.0	0.4
Chino Hills, City Of	9,181.2	(6.4)	0.0	0.0	2,749.4	11,924.2
Chino, City Of	107,684.5	(75.4)	(5,285.7)	0.0	12,182.4	114,505.8
Cucamonga Valley Water District	16,083.7	(11.3)	0.0	0.0	0.0	16,072.4
Desalter Authority	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	3,389.8	(2.4)	0.0	0.0	2,411.8	5,799.2
Fontana, City Of	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	590.8	(0.4)	(166.2)	0.0	0.0	424.2
Jurupa Community Services District	27,795.0	(19.5)	(1,535.2)	0.0	5,621.0	31,861.3
Marygold Mutual Water Company	614.5	(0.4)	0.0	0.0	0.0	614.0
Monte Vista Irrigation Company	9,375.0	(6.6)	(163.0)	0.0	923.0	10,128.4
Monte Vista Water District	7,753.8	(5.4)	(1,106.9)	0.0	117.2	6,758.6
NCL Co, LLC	4.0	0.0	0.0	0.0	0.0	4.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	0.0
Nicholson Family Trust	1.4	0.0	(0.9)	0.0	1.2	1.7
Norco, City Of	2,150.0	(1.5)	(48.6)	0.0	275.2	2,375.1
Ontario, City Of	33,436.3	(23.4)	0.0	0.0	5,847.8	39,260.7
Pomona, City Of	24,053.4	(16.8)	(3,576.2)	0.0	4,747.5	25,207.9
San Antonio Water Company	1,433.4	(1.0)	(174.0)	174.0	1,441.0	2,873.4
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	0.0
Santa Ana River Water Company	6,133.9	(4.3)	(328.3)	0.0	632.3	6,433.6
Upland, City Of	17,058.0	(11.9)	0.0	0.0	2,218.0	19,264.0
West End Consolidated Water Co	4,689.8	(3.3)	(66.4)	0.0	584.2	5,204.3
West Valley Water District	7,604.4	(5.3)	(155.2)	0.0	878.9	8,322.8
	<b>279,033.2</b>	<b>(195.3)</b>	<b>(12,606.6)</b>	<b>174.0</b>	<b>41,351.7</b>	<b>307,756.9</b>
	<b>11A</b>	<b>11B</b>	<b>11C</b>	<b>11D</b>	<b>11E</b>	<b>11F</b>





Assessment Year 2020-2021 (Production Year 2019-2020)

## Local Supplemental Storage Account Summary

	Recharged Recycled Account					Beginning Balance
	Beginning Balance	0.07% Storage Loss	Transfers To / (From)	Transfer to ECO Account	Ending Balance	
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	0.0	0.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	9,962.4	(7.0)	1,150.4	0.0	11,105.8	4,792.8
Chino, City Of	8,514.5	(6.0)	0.0	0.0	8,508.6	1,052.5
Cucamonga Valley Water District	26,781.8	(18.7)	4,315.7	0.0	31,078.7	10,700.9
Desalter Authority	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	0.0	0.0	0.0	0.0	0.0
Fontana, City Of	44.1	0.0	0.0	0.0	44.0	0.0
Golden State Water Company	0.0	0.0	0.0	0.0	0.0	1,390.0
Jurupa Community Services District	4,835.8	(3.4)	0.0	0.0	4,832.4	0.0
Marygold Mutual Water Company	0.0	0.0	0.0	0.0	0.0	553.5
Monte Vista Irrigation Company	0.0	0.0	0.0	0.0	0.0	5,453.9
Monte Vista Water District	0.0	0.0	0.0	0.0	0.0	3,378.9
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	0.0
Nicholson Family Trust	0.0	0.0	0.0	0.0	0.0	0.0
Norco, City Of	0.0	0.0	0.0	0.0	0.0	0.0
Ontario, City Of	43,735.6	(30.6)	5,528.2	0.0	49,233.2	8,055.7
Pomona, City Of	0.0	0.0	0.0	0.0	0.0	10,919.7
San Antonio Water Company	0.0	0.0	0.0	0.0	0.0	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	0.0
Santa Ana River Water Company	0.0	0.0	0.0	0.0	0.0	0.0
Upland, City Of	10,882.7	(7.6)	1,203.3	0.0	12,078.4	5,807.2
West End Consolidated Water Co	0.0	0.0	0.0	0.0	0.0	0.0
West Valley Water District	0.0	0.0	0.0	0.0	0.0	0.0
	<b>104,756.9</b>	<b>(73.3)</b>	<b>12,197.5</b>	<b>0.0</b>	<b>116,881.1</b>	<b>52,105.0</b>
	12A	12B	12C	12D	12E	12F

p12:

1) MVWD transferred their FY 2019/20 Recharged Recycled of 755.918 AF to satisfy a portion of their FY 2020/21 DRO.

**POOL 3**

Quantified (Pre 7/1/2000) Account				New (Post 7/1/2000) Account					Combined
0.07% Storage Loss	Transfers To / (From)	Transfer to ECO Account	Ending Balance	Beginning Balance	0.07% Storage Loss	Transfers To / (From)	Transfer to ECO Account	Ending Balance	Ending Balance
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
(3.4)	0.0	0.0	4,789.4	0.0	0.0	0.0	0.0	0.0	15,895.2
(0.7)	0.0	0.0	1,051.8	1,928.0	(1.3)	0.0	0.0	1,926.6	11,487.0
(7.5)	0.0	0.0	10,693.4	638.4	(0.4)	0.0	0.0	637.9	42,410.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	310.3	(0.2)	0.0	0.0	310.1	310.1
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0
(1.0)	0.0	0.0	1,389.0	57.2	0.0	0.0	0.0	57.2	1,446.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,832.4
(0.4)	(248.1)	0.0	305.0	0.0	0.0	0.0	0.0	0.0	305.0
(3.8)	0.0	0.0	5,450.0	0.0	0.0	0.0	0.0	0.0	5,450.0
(2.4)	0.0	0.0	3,376.5	1.6	0.0	0.0	0.0	1.6	3,378.2
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	109.1	(0.1)	(109.0)	0.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	96.4	(0.1)	0.0	0.0	96.4	96.4
(5.6)	0.0	0.0	8,050.1	0.0	0.0	0.0	0.0	0.0	57,283.3
(7.6)	0.0	0.0	10,912.1	1,560.9	(1.1)	0.0	0.0	1,559.9	12,471.9
0.0	0.0	0.0	0.0	3,599.5	(2.5)	1,336.5	(174.0)	4,759.5	4,759.5
0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0.0	0.0	0.0	0.0	481.4	(0.3)	0.0	0.0	481.1	481.1
(4.1)	0.0	0.0	5,803.2	0.0	0.0	0.0	0.0	0.0	17,881.5
0.0	0.0	0.0	0.0	452.8	(0.3)	0.0	0.0	452.5	452.5
0.0	0.0	0.0	0.0	307.9	(0.2)	0.0	0.0	307.7	307.7
<b>(36.5)</b>	<b>(248.1)</b>	<b>0.0</b>	<b>51,820.4</b>	<b>9,543.6</b>	<b>(6.7)</b>	<b>1,227.5</b>	<b>(174.0)</b>	<b>10,590.5</b>	<b>179,292.0</b>
<b>12G</b>	<b>12H</b>	<b>12I</b>	<b>12J</b>	<b>12K</b>	<b>12L</b>	<b>12M</b>	<b>12N</b>	<b>12O</b>	<b>12P</b>



**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Other Storage and Replenishment Accounts**

<b>DESALTER REPLENISHMENT</b>	<b>Beginning Balance</b>	<b>Water Purchases</b>	<b>Transfers To</b>	<b>Transfers From</b>	<b>Ending Balance</b>
<b>CONTROLLED OVERDRAFT AND OFFSETS</b>					
Re-Op Offset Pre-Peace II / CDA	1,286.7	.....	0.0	0.0	1,286.7
Re-Op Offset Peace II Expansion	100,000.0	.....	0.0	(12,500.0)	87,500.0
Non-Ag OBMP Special Assessment	0.0	.....	735.0	(735.0)	0.0
Non-Ag Dedication	0.0	.....	0.0	0.0	0.0
	<b>101,286.7</b>		<b>735.0</b>	<b>(13,235.0)</b>	<b>88,786.7</b>

<b>DEDICATED REPLENISHMENT</b>	<b>Beginning Balance</b>	<b>Water Purchases</b>	<b>Transfers To</b>	<b>Transfers From</b>	<b>Ending Balance</b>
Arrowhead Mtn Spring Water Co	0.0	0.0	29.3	(29.3)	0.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	1,324.5	0.0	0.0	(721.6)	602.9
Chino, City Of	0.0	0.0	0.0	0.0	0.0
Cucamonga Valley Water District	2,474.6	0.0	0.0	(1,522.1)	952.5
Fontana Union Water Company	0.0	0.0	1,539.4	(1,539.4)	0.0
Fontana Water Company	1,604.0	0.0	0.0	(1,135.0)	469.0
Fontana, City Of	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	0.0	0.0	0.0	0.0
Jurupa Community Services District	974.4	0.0	0.0	(974.4)	0.0
Marygold Mutual Water Company	0.0	0.0	0.0	0.0	0.0
Monte Vista Irrigation Company	0.0	0.0	0.0	0.0	0.0
Monte Vista Water District	0.0	0.0	0.0	0.0	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0
Nicholson Family Trust	0.0	0.0	0.0	0.0	0.0
Norco, City Of	0.0	0.0	0.0	0.0	0.0
Ontario, City Of	0.0	0.0	4,559.5	(4,559.5)	0.0
Pomona, City Of	232.4	0.0	0.0	(232.4)	0.0
San Antonio Water Company	709.2	0.0	0.0	(427.4)	281.8
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0
Santa Ana River Water Company	0.0	0.0	0.0	0.0	0.0
Upland, City Of	1,108.1	0.0	0.0	(936.9)	171.2
West End Consolidated Water Co	314.3	0.0	0.0	(228.2)	86.1
West Valley Water District	0.0	0.0	0.0	0.0	0.0
	<b>8,741.6</b>	<b>0.0</b>	<b>6,128.2</b>	<b>(12,306.2)</b>	<b>2,563.5</b>

13A
13B
13C
13D
13E

<b>STORAGE AND RECOVERY</b>	<b>Beginning Balance</b>	<b>Storage Loss</b>	<b>Transfers To</b>	<b>Transfers From</b>	<b>Ending Balance</b>
<b>METROPOLITAN WATER DISTRICT</b>					
Dry Year Yield / Conjunctive Use Program	45,968.5	(32.2)	17,419.5	(17,394.8)	45,961.0

13F
13G
13H
13I
13J

p13:  
Water in column [13D] goes into column [21D] on page 21.1.



**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Water Transaction Summary**

	Water Transactions				Total Water Transactions
	Assigned Rights	General Transfer	Transfers (To) / From ECO Account	Transfers (To) Desalter Replenishment	
Arrowhead Mtn Spring Water Co	1,000.0	29.3	0.0	(29.3)	1,000.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	0.0	0.0	0.0	0.0	0.0
Chino, City Of	(3,500.0)	0.0	3,500.0	0.0	0.0
Cucamonga Valley Water District	(7,326.0)	7,179.5	0.0	0.0	(146.5)
Desalter Authority	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	(7,179.5)	0.0	(1,539.4)	(8,718.9)
Fontana Water Company	12,004.0	0.0	0.0	0.0	12,004.0
Fontana, City Of	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	66.4	0.0	0.0	0.0	66.4
Jurupa Community Services District	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	0.0	0.0	0.0	0.0	0.0
Monte Vista Irrigation Company	0.0	0.0	0.0	0.0	0.0
Monte Vista Water District	0.0	0.0	0.0	0.0	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0
Nicholson Family Trust	(4.0)	0.0	0.0	0.0	(4.0)
Norco, City Of	0.0	0.0	0.0	0.0	0.0
Ontario, City Of	0.0	4,559.5	0.0	(4,559.5)	0.0
Pomona, City Of	0.0	0.0	0.0	0.0	0.0
San Antonio Water Company	(174.0)	0.0	174.0	0.0	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0
Santa Ana River Water Company	(1,000.0)	0.0	0.0	0.0	(1,000.0)
Upland, City Of	708.3	0.0	0.0	0.0	708.3
West End Consolidated Water Co	(774.7)	0.0	66.4	0.0	(708.3)
West Valley Water District	0.0	0.0	0.0	0.0	0.0
	<b>1,000.0</b>	<b>4,588.8</b>	<b>3,740.4</b>	<b>(6,128.2)</b>	<b>3,201.0</b>
	<b>14A</b>	<b>14B</b>	<b>14C</b>	<b>14D</b>	<b>14E</b>

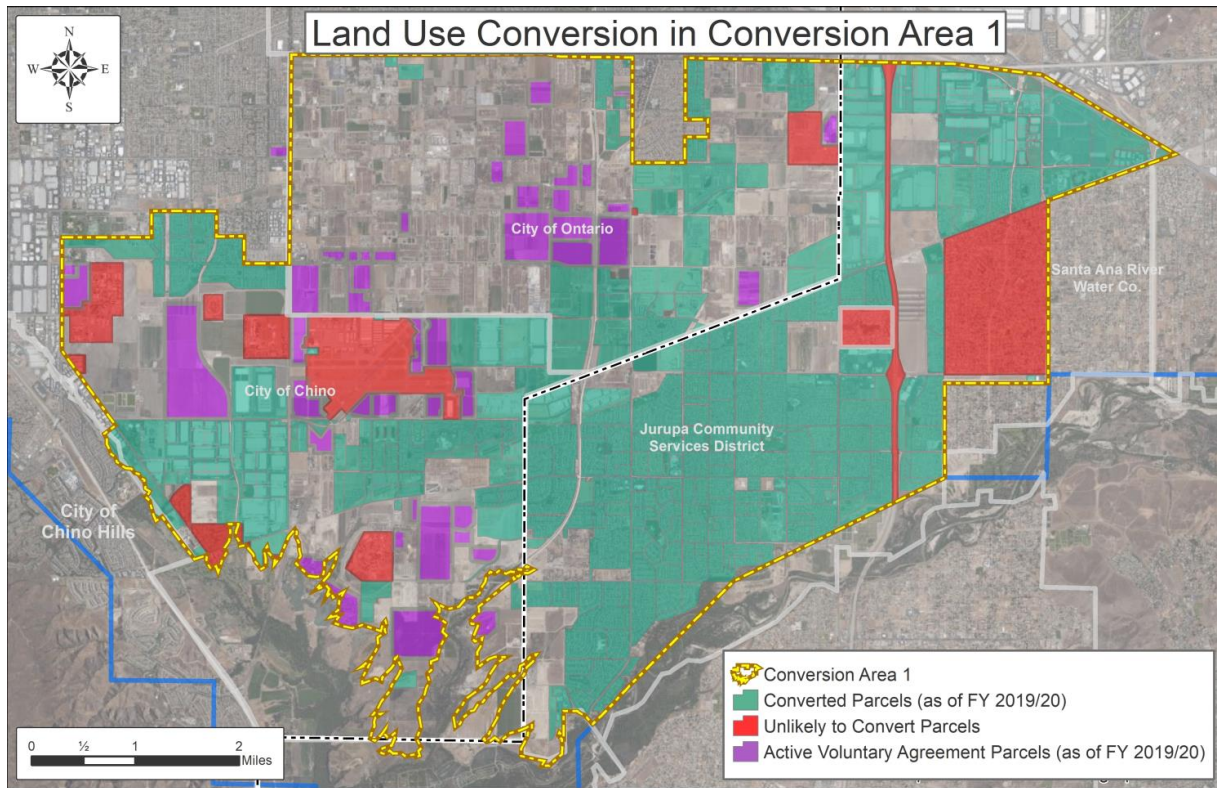


**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Land Use Conversion Summary**

	Prior Conversion	Conversion @ 1.3 af/ac		Total Prior to Peace Agrmt Converted AF	Conversion @ 2.0 af/ac		Total Land Use Conversion Acre-Feet
		Acres	Acre-Feet		Acres	Acre-Feet	
Chino Hills, City Of	0.0	670.266	871.3	871.3	203.334	406.7	1,278.0
Chino, City Of	196.2	1,434.750	1,865.2	2,061.4	3,407.224	6,814.4	8,875.9
Cucamonga Valley Water District	0.0	460.280	598.4	598.4	0.000	0.0	598.4
Fontana Water Company	0.0	0.000	0.0	0.0	417.000	834.0	834.0
Jurupa Community Services District	0.0	2,756.920	3,584.0	3,584.0	5,733.488	11,467.0	15,051.0
Monte Vista Water District	0.0	48.150	62.6	62.6	21.510	43.0	105.6
Ontario, City Of	209.4	527.044	685.2	894.6	1,679.754	3,359.5	4,254.1
	<b>405.6</b>	<b>5,897.410</b>	<b>7,666.6</b>	<b>8,072.3</b>	<b>11,462.310</b>	<b>22,924.6</b>	<b>30,996.9</b>

15A      15B      15C      15D      15E      15F      15G







**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Agricultural Pool Reallocation Summary**

	% Share of Operating Safe Yield	Reallocation of Agricultural Pool Safe Yield			
		Safe Yield Reduction <sup>1</sup>	Land Use Conversions	Early Transfer	Total AG Pool Reallocation
Arrowhead Mtn Spring Water Co	0.000%	0.0	0.0	0.0	0.0
CalMat Co. (Appropriative)	0.000%	0.0	0.0	0.0	0.0
Chino Hills, City Of	3.851%	192.6	1,278.0	961.3	2,431.8
Chino, City Of	7.357%	367.9	8,875.9	1,836.4	11,080.1
Cucamonga Valley Water District	6.601%	330.1	598.4	1,647.7	2,576.1
Desalter Authority	0.000%	0.0	0.0	0.0	0.0
Fontana Union Water Company	11.657%	582.9	0.0	2,909.8	3,492.6
Fontana Water Company	0.002%	0.1	834.0	0.5	834.6
Fontana, City Of	0.000%	0.0	0.0	0.0	0.0
Golden State Water Company	0.750%	37.5	0.0	187.2	224.7
Jurupa Community Services District	3.759%	188.0	15,051.0	938.3	16,177.2
Marygold Mutual Water Company	1.195%	59.8	0.0	298.3	358.0
Monte Vista Irrigation Company	1.234%	61.7	0.0	308.0	369.7
Monte Vista Water District	8.797%	439.9	105.6	2,195.9	2,741.3
NCL Co, LLC	0.000%	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.000%	0.0	0.0	0.0	0.0
Nicholson Family Trust	0.007%	0.4	0.0	1.7	2.1
Norco, City Of	0.368%	18.4	0.0	91.9	110.3
Ontario, City Of	20.742%	1,037.1	4,254.1	5,177.6	10,468.7
Pomona, City Of	20.454%	1,022.7	0.0	5,105.7	6,128.4
San Antonio Water Company	2.748%	137.4	0.0	685.9	823.3
San Bernardino, County of (Shooting Park)	0.000%	0.0	0.0	0.0	0.0
Santa Ana River Water Company	2.373%	118.7	0.0	592.3	711.0
Upland, City Of	5.202%	260.1	0.0	1,298.5	1,558.6
West End Consolidated Water Co	1.728%	86.4	0.0	431.3	517.7
West Valley Water District	1.175%	58.8	0.0	293.3	352.1

Agricultural Pool Safe Yield	82,800.0	<b>100%</b>	<b>5,000.0</b>	<b>30,996.9</b>	<b>24,961.7</b>	<b>60,958.6</b>
Agricultural Pool Production	(21,841.4)	<b>16A</b>	<b>16B</b>	<b>16C</b>	<b>16D</b>	<b>16E</b>
Safe Yield Reduction <sup>1</sup>	(5,000.0)					
Land Use Conversions	(30,996.9)					
Early Transfer [16D]	24,961.7					

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<sup>1</sup> Paragraph 10, Subdivision (a)(1) of Exhibit "H" of the Judgment states "to supplement, in the particular year, water available from Operating Safe Yield to compensate for any reduction in the Safe Yield by reason of recalculation thereof after the tenth year of operation hereunder."



Assessment Year 2020-2021 (Production Year 2019-2020)

## Cumulative Unmet Replenishment Obligation (CURO)

Remaining Replenishment Obligation:	AF	Replenishment Rates	
Appropriative - 100	0.0	2020 Rate	\$767.00
Appropriative - 15/85	0.0	2019 Rate	\$743.00
Non-Agricultural - 100	0.0		
	<b>0.0</b>		

**Pool 3 Appropriative**

Company	Outstanding Obligation (AF)	Fund Balance (\$)	Outstanding Obligation (\$)	AF Production and Exchanges
Arrowhead Mtn Spring Water Co	0.0	(\$746.24)	\$746.24	279.1
CalMat Co. (Appropriative)	0.0	\$0.00	\$0.00	0.0
Chino Hills, City Of	0.0	\$0.00	\$0.00	1,409.0
Chino, City Of	0.0	\$0.00	\$0.00	2,196.2
Cucamonga Valley Water District	0.0	\$0.00	\$0.00	5,920.6
Desalter Authority	0.0	\$0.00	\$0.00	35,597.1
Fontana Union Water Company	0.0	\$0.00	\$0.00	0.0
Fontana Water Company	0.0	\$0.00	\$0.00	10,426.8
Fontana, City Of	0.0	\$0.00	\$0.00	0.0
Golden State Water Company	0.0	\$0.00	\$0.00	640.0
Jurupa Community Services District	0.0	\$0.00	\$0.00	12,241.6
Marygold Mutual Water Company	0.0	\$0.00	\$0.00	860.2
Monte Vista Irrigation Company	0.0	\$0.00	\$0.00	0.0
Monte Vista Water District	0.0	\$0.00	\$0.00	6,568.2
NCL Co, LLC	0.0	\$0.00	\$0.00	0.0
Niagara Bottling, LLC	0.0	(\$10,532.36)	\$10,532.36	1,759.9
Nicholson Family Trust	0.0	\$0.00	\$0.00	0.0
Norco, City Of	0.0	\$0.00	\$0.00	0.0
Ontario, City Of	0.0	\$0.00	\$0.00	13,920.4
Pomona, City Of	0.0	\$0.00	\$0.00	10,551.2
San Antonio Water Company	0.0	\$0.00	\$0.00	614.4
San Bernardino, County of (Shooting Park)	0.0	(\$93.08)	\$93.08	7.5
Santa Ana River Water Company	0.0	\$0.00	\$0.00	142.6
Upland, City Of	0.0	\$0.00	\$0.00	2,381.2
West End Consolidated Water Co	0.0	\$0.00	\$0.00	0.0
West Valley Water District	0.0	\$0.00	\$0.00	0.0
<b>Pool 3 Appropriative Total</b>	<b>0.0</b>	<b>(\$11,371.68)</b>	<b>\$11,371.68</b>	<b>105,516.1</b>
	17A	17B	17C	17D

p17:  
1) The 2020 rate includes a \$10 surcharge from Three Valleys Municipal Water District.

**POOL 3**

85/15 Producers	Percent	15%	85%	100%	Total
XXXXXXXXXX	0.000%	XXXXXXXXXX	XXXXXXXXXX	\$746.24	\$746.24
XXXXXXXXXX	0.000%	XXXXXXXXXX	XXXXXXXXXX	\$0.00	\$0.00
1,409.0	2.495%	\$0.35	\$0.00	XXXXXXXXXX	\$0.35
2,196.2	3.889%	\$0.54	\$0.00	XXXXXXXXXX	\$0.54
5,920.6	10.485%	\$1.46	\$0.00	XXXXXXXXXX	\$1.46
XXXXXXXXXX	0.000%	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	\$0.00
0.0	0.000%	\$0.00	\$0.00	XXXXXXXXXX	\$0.00
10,426.8	18.465%	\$2.58	\$0.00	XXXXXXXXXX	\$2.58
XXXXXXXXXX	0.000%	XXXXXXXXXX	XXXXXXXXXX	\$0.00	\$0.00
640.0	1.133%	\$0.16	\$0.00	XXXXXXXXXX	\$0.16
12,241.6	21.679%	\$3.03	\$0.00	XXXXXXXXXX	\$3.03
XXXXXXXXXX	0.000%	XXXXXXXXXX	XXXXXXXXXX	\$0.00	\$0.00
0.0	0.000%	\$0.00	\$0.00	XXXXXXXXXX	\$0.00
6,568.2	11.632%	\$1.62	\$0.00	XXXXXXXXXX	\$1.62
XXXXXXXXXX	0.000%	XXXXXXXXXX	XXXXXXXXXX	\$0.00	\$0.00
XXXXXXXXXX	0.000%	XXXXXXXXXX	XXXXXXXXXX	\$10,532.36	\$10,532.36
0.0	0.000%	\$0.00	\$0.00	XXXXXXXXXX	\$0.00
0.0	0.000%	\$0.00	\$0.00	XXXXXXXXXX	\$0.00
13,920.4	24.652%	\$3.44	\$0.00	XXXXXXXXXX	\$3.44
XXXXXXXXXX	0.000%	XXXXXXXXXX	XXXXXXXXXX	\$0.00	\$0.00
614.4	1.088%	\$0.15	\$0.00	XXXXXXXXXX	\$0.15
7.5	0.013%	\$0.00	\$79.12	XXXXXXXXXX	\$79.12
142.6	0.253%	\$0.04	\$0.00	XXXXXXXXXX	\$0.04
2,381.2	4.217%	\$0.59	\$0.00	XXXXXXXXXX	\$0.59
0.0	0.000%	\$0.00	\$0.00	XXXXXXXXXX	\$0.00
0.0	0.000%	\$0.00	\$0.00	XXXXXXXXXX	\$0.00
<b>56,468.6</b>	<b>100.000%</b>	<b>\$13.96</b>	<b>\$79.12</b>	<b>\$11,278.60</b>	<b>\$11,371.68</b>
<b>17E</b>	<b>17F</b>	<b>17G</b>	<b>17H</b>	<b>17I</b>	<b>17J</b>



Assessment Year 2020-2021 (Production Year 2019-2020)

# Desalter Replenishment Accounting<sup>1</sup>

Production Year	Desalter Production			Desalter (aka Kaiser) Account PIIA, 6.2 (a)(i)	Paragraph 31 Settlement Agreements Dedication <sup>3</sup> PIIA, 6.2(a)(ii)	"Leave Behind" Losses PIIA, 6.2(a)(iv)
	Pre-Peace II Desalter Production	Peace II Desalter Expansion Production <sup>2</sup>	Total			
2000 / 2001	7,989.0	0.0	7,989.0	3,994.5	0.0	0.0
2001 / 2002	9,457.8	0.0	9,457.8	4,728.9	0.0	0.0
2002 / 2003	10,438.5	0.0	10,438.5	5,219.3	0.0	0.0
2003 / 2004	10,605.0	0.0	10,605.0	5,302.5	0.0	0.0
2004 / 2005	9,853.6	0.0	9,853.6	4,926.8	0.0	0.0
2005 / 2006	16,475.8	0.0	16,475.8	11,579.1	0.0	0.0
2006 / 2007	26,356.2	0.0	26,356.2	608.4	4,273.1	0.0
2007 / 2008	26,972.1	0.0	26,972.1	0.0	0.0	0.0
2008 / 2009	32,920.5	0.0	32,920.5	0.0	0.0	0.0
2009 / 2010	28,516.7	0.0	28,516.7	0.0	0.0	0.0
2010 / 2011	29,318.7	0.0	29,318.7	0.0	0.0	0.0
2011 / 2012	28,378.9	0.0	28,378.9	0.0	0.0	0.0
2012 / 2013	27,061.7	0.0	27,061.7	0.0	0.0	0.0
2013 / 2014	29,228.0	14.6	29,242.6	0.0	0.0	0.0
2014 / 2015	29,541.3	448.7	29,990.0	0.0	0.0	0.0
2015 / 2016	27,008.8	1,154.1	28,162.9	0.0	0.0	0.0
2016 / 2017	26,725.6	1,527.2	28,252.8	0.0	0.0	0.0
2017 / 2018	28,589.8	1,462.5	30,052.3	0.0	0.0	0.0
2018 / 2019	25,502.9	5,696.3	31,199.2	0.0	0.0	0.0
<b>2019 / 2020</b>	<b>27,593.6</b>	<b>8,003.4</b>	<b>35,597.1</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
2020 / 2021	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0
2021 / 2022	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0
2022 / 2023	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0
2023 / 2024	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0
2024 / 2025	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0
2025 / 2026	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0
2026 / 2027	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0
2027 / 2028	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0
2028 / 2029	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0
2029 / 2030	30,000.0	10,000.0	40,000.0	0.0	0.0	0.0
	<b>758,534.6</b>	<b>118,306.8</b>	<b>876,841.4</b>	<b>36,359.6</b>	<b>4,273.1</b>	<b>0.0</b>
	18A	18B	18C	18D	18E	18F

p18:

<sup>1</sup> Original table format and content: WEI, Response to Condition Subsequent Number 7, November 2008. Table has since been revised as a result of the Marc

<sup>2</sup> Peace II Desalter Expansion was anticipated to have an annual production of approximately 10,000 AF.

<sup>3</sup> 3,956.877 acre-feet + 316.177 acre-feet added as Non-Ag dedicated stored water per Paragraph 31 Settlement Agreements. Per Agreements, the water is de

<sup>4</sup> Six years of Desalter tracking (Production Year 2000-2001 through Production Year 2005/2006) may have incorrectly assumed that a significant portion of De Production Year 2008/2009.

<sup>5</sup> Pursuant to section 7.2(e)(ii) of the Peace II Agreement, the initial schedule for the Peace II Desalter Expansion controlled overdraft of 175,000 acre-feet had

<sup>6</sup> For the first 10 years following the Peace II Agreement (2006/2007 through 2015/2016), the Non-Ag "10% Haircut" water is apportioned among the specific s replenishment. However, to the extent there is no remaining desalter replenishment obligation in any year after applying the offsets set forth in 6.2(a), it will be production.

<sup>7</sup> Per the Peace II Agreement, Section 6.2(b)(iii) (as amended by the March 15, 2019 Court Order), the Remaining Desalter Replenishment Obligation is to be :

**POOL 3**

Desalter Replenishment							Remaining Desalter Replenishment Obligation <sup>4,7</sup> PIIA, 6.2(b)(iii)
Safe Yield Contributed by Parties PIIA, 6.2(a)(v)	Controlled Overdraft / Re-Op, PIIA, 6.2(a)(vi)			Appropriative Pool DRO Contribution PIIA, 6.2(b)(ii)	Non-Ag OBMP Assessment (10% Haircut) <sup>8</sup> PIIA, 6.2(b)(i)		
	Allocation to Pre-Peace II Desalters <sup>4</sup>	Allocation to All Desalters <sup>5</sup>	Balance				
0.0	0.0	0.0	0.0	0.0	0.0	3,994.5	
0.0	0.0	0.0	0.0	0.0	0.0	4,728.9	
0.0	0.0	0.0	0.0	0.0	0.0	5,219.3	
0.0	0.0	0.0	0.0	0.0	0.0	5,302.5	
0.0	0.0	0.0	0.0	0.0	0.0	4,926.8	
0.0	0.0	0.0	400,000.0	0.0	0.0	4,896.7	
0.0	21,474.7	0.0	378,525.3	0.0	0.0	0.0	
0.0	26,972.1	0.0	351,553.2	0.0	0.0	0.0	
0.0	61,989.1	0.0	289,564.1	0.0	0.0	(29,068.6)	
0.0	28,516.7	0.0	261,047.4	0.0	0.0	0.0	
0.0	29,318.7	0.0	231,728.7	0.0	0.0	0.0	
0.0	28,378.9	0.0	203,349.7	0.0	0.0	0.0	
0.0	27,061.7	0.0	176,288.1	0.0	0.0	0.0	
0.0	0.0	12,500.0	163,788.1	10,000.0	0.0	6,742.6	
0.0	0.0	12,500.0	151,288.1	10,000.0	0.0	7,490.0	
0.0	0.0	12,500.0	138,788.1	10,000.0	0.0	5,662.9	
0.0	0.0	12,500.0	126,288.1	10,000.0	735.0	5,017.8	
0.0	0.0	12,500.0	113,788.1	10,000.0	735.0	6,817.3	
0.0	0.0	12,500.0	101,288.1	10,000.0	735.0	7,964.2	
<b>0.0</b>	<b>0.0</b>	<b>12,500.0</b>	<b>88,788.1</b>	<b>10,000.0</b>	<b>735.0</b>	<b>12,362.0</b>	
0.0	0.0	12,500.0	76,288.1	10,000.0	735.0	16,765.0	
0.0	0.0	12,500.0	63,788.1	10,000.0	735.0	16,765.0	
0.0	0.0	12,500.0	51,288.1	10,000.0	735.0	16,765.0	
0.0	0.0	12,500.0	38,788.1	10,000.0	735.0	16,765.0	
0.0	0.0	12,500.0	26,288.1	10,000.0	735.0	16,765.0	
0.0	0.0	5,000.0	21,288.1	10,000.0	735.0	24,265.0	
0.0	0.0	5,000.0	16,288.1	10,000.0	735.0	24,265.0	
0.0	0.0	5,000.0	11,288.1	10,000.0	735.0	24,265.0	
0.0	0.0	5,000.0	6,288.1	10,000.0	735.0	24,265.0	
0.0	0.0	5,000.0	1,288.1	10,000.0	735.0	24,265.0	
<b>0.0</b>	<b>223,711.9</b>	<b>175,000.0</b>		<b>170,000.0</b>	<b>10,290.5</b>	<b>257,206.7</b>	
<b>18G</b>	<b>18H</b>	<b>18I</b>	<b>18J</b>	<b>18K</b>	<b>18L</b>	<b>18M</b>	

ch 15, 2019 Court Order.

seemed to have been dedicated as of June 30, 2007.

desalter production was being offset by Desalter Induced Recharge. Condition Subsequent 7 included an adjustment of 29,070 AF against Desalter replenishment in

and been amended to be allocated to Desalter replenishment over a 17-year period, beginning in 2013/14 and ending in 2029/30.

seven members of the Appropriative Pool, per PIIA 9.2(a). In the eleventh year and in each year thereafter, it is dedicated to Watermaster to further offset desalter : distributed pro rata among the members of the Appropriative Pool based upon each Producer's combined total share of OSY and the previous year's actual

assessed against the Appropriative Pool, pro-rata based on each Producer's combined total share of OSY and their Adjusted Physical Production.



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**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Desalter Replenishment Obligation Contribution**

	Percent of Operating Safe Yield	Land Use Conversions	Percent of Land Use Conversions	85% DROC Based on % OSY	15% DROC Based on % of LUC	Total DRO Contribution
Arrowhead Mtn Spring Water Co	0.000%	0.0	0.000%	0.0	0.0	0.0
CalMat Co. (Appropriative)	0.000%	0.0	0.000%	0.0	0.0	0.0
Chino Hills, City Of	3.851%	1,278.0	4.123%	327.3	61.8	389.2
Chino, City Of	7.357%	8,875.9	28.635%	625.3	429.5	1,054.9
Cucamonga Valley Water District	6.601%	598.4	1.930%	561.1	29.0	590.0
Fontana Union Water Company	11.657%	0.0	0.000%	990.8	0.0	990.8
Fontana Water Company	0.002%	834.0	2.691%	0.2	40.4	40.5
Fontana, City Of	0.000%	0.0	0.000%	0.0	0.0	0.0
Golden State Water Company	0.750%	0.0	0.000%	63.8	0.0	63.8
Jurupa Community Services District	3.759%	15,051.0	48.556%	319.5	728.3	1,047.9
Marygold Mutual Water Company	1.195%	0.0	0.000%	101.6	0.0	101.6
Monte Vista Irrigation Company	1.234%	0.0	0.000%	104.9	0.0	104.9
Monte Vista Water District	8.797%	105.6	0.341%	747.7	5.1	752.9
NCL Co, LLC	0.000%	0.0	0.000%	0.0	0.0	0.0
Niagara Bottling, LLC	0.000%	0.0	0.000%	0.0	0.0	0.0
Nicholson Family Trust	0.007%	0.0	0.000%	0.6	0.0	0.6
Norco, City Of	0.368%	0.0	0.000%	31.3	0.0	31.3
Ontario, City Of	20.742%	4,254.1	13.724%	1,763.1	205.9	1,968.9
Pomona, City Of	20.454%	0.0	0.000%	1,738.6	0.0	1,738.6
San Antonio Water Company	2.748%	0.0	0.000%	233.6	0.0	233.6
San Bernardino, County of (Shooting Park)	0.000%	0.0	0.000%	0.0	0.0	0.0
Santa Ana River Water Company	2.373%	0.0	0.000%	201.7	0.0	201.7
Upland, City Of	5.202%	0.0	0.000%	442.2	0.0	442.2
West End Consolidated Water Co	1.728%	0.0	0.000%	146.9	0.0	146.9
West Valley Water District	1.175%	0.0	0.000%	99.9	0.0	99.9
	<b>100.000%</b>	<b>30,996.9</b>	<b>100.000%</b>	<b>8,500.0</b>	<b>1,500.0</b>	<b>10,000.0</b>
	<b>19A</b>	<b>19B</b>	<b>19C</b>	<b>19D</b>	<b>19E</b>	<b>19F</b>

p19:  
 Section 6.2(b)(ii) of the Peace II Agreement as the amendment is shown in the March 15, 2019 Court Order states: "The members of the Appropriative Pool will contribute a total of 10,000 afy toward Desalter replenishment, allocated among the Appropriative Pool members as follows: 1) 85% of the total (8,500 afy) will be allocated according to the Operating Safe Yield percentage of each Appropriative Pool members; and 2) 15% of the total (1,500 afy) will be allocated according to each land use conversion agency's percentage of the total land use conversion claims. The formula is to be adjusted annually based on the actual land use conversion allocations of the year."



Assessment Year 2020-2021 (Production Year 2019-2020)

## Remaining Desalter Replenishment Obligation (RDRO)

	Assigned Share of Operating Safe Yield	CALCULATING THE ADJUSTED		
		Physical Production	50% of Voluntary Agreements with Ag	Assignments with Non-Ag
Arrowhead Mtn Spring Water Co	0.0	279.1	0.0	0.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0
Chino Hills, City Of	1,726.6	1,472.5	(31.7)	0.0
Chino, City Of	3,298.4	5,172.7	(1,468.2)	(40.0)
Cucamonga Valley Water District	2,959.5	23,318.2	0.0	0.0
Fontana Union Water Company	5,226.3	0.0	0.0	0.0
Fontana Water Company	0.9	10,426.8	0.0	0.0
Fontana, City Of	0.0	0.0	0.0	0.0
Golden State Water Company	336.3	640.0	0.0	0.0
Jurupa Community Services District	1,685.3	12,760.3	0.0	(408.6)
Marygold Mutual Water Company	535.8	860.2	0.0	0.0
Monte Vista Irrigation Company	553.3	0.0	0.0	0.0
Monte Vista Water District	3,944.0	6,710.4	(62.9)	(15.8)
NCL Co, LLC	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	1,759.9	0.0	0.0
Nicholson Family Trust	3.1	0.0	0.0	0.0
Norco, City Of	165.0	0.0	0.0	0.0
Ontario, City Of	9,299.5	18,395.3	(1,461.1)	(1,552.7)
Pomona, City Of	9,170.3	10,551.2	0.0	0.0
San Antonio Water Company	1,232.0	614.4	0.0	0.0
San Bernardino, County of (Shooting Park)	0.0	7.5	0.0	0.0
Santa Ana River Water Company	1,063.9	0.0	0.0	0.0
Upland, City Of	2,332.3	2,448.9	0.0	0.0
West End Consolidated Water Co	774.7	0.0	0.0	0.0
West Valley Water District	526.8	0.0	0.0	0.0
	<b>44,834.0</b>	<b>95,417.5</b>	<b>(3,024.0)</b>	<b>(2,017.0)</b>
	20A	20B	20C	20D

p20:

Section 6.2(b)(iii) of the Peace II Agreement as the amendment is shown in the March 15, 2019 Court Order states: "A Replenishment Assessment against the Appro member according to the combined total of the member's share of Operating Safe Yield and the member's Adjusted Physical Production."

**POOL 3**

PHYSICAL PRODUCTION			ALLOCATING THE RDRO		
Storage and Recovery Programs	Other Adjustments	Total Adjusted Physical Production	Total Production and OSY Basis (20A+20G)	Percentage (20H) / Sum(20H)	Total Remaining Desalter Replenishment Obligation
0.0	0.0	279.1	279.1	0.237%	29.3
0.0	0.0	0.0	0.0	0.000%	0.0
0.0	0.0	1,440.7	3,167.3	2.689%	332.4
0.0	0.0	3,664.5	6,962.9	5.912%	730.8
(17,394.8)	(2.8)	5,920.6	8,880.1	7.540%	932.1
0.0	0.0	0.0	5,226.3	4.437%	548.6
0.0	0.0	10,426.8	10,427.7	8.854%	1,094.5
0.0	0.0	0.0	0.0	0.000%	0.0
0.0	0.0	640.0	976.3	0.829%	102.5
0.0	(110.1)	12,241.6	13,926.9	11.825%	1,461.8
0.0	0.0	860.2	1,396.0	1.185%	146.5
0.0	0.0	0.0	553.3	0.470%	58.1
0.0	(0.6)	6,631.1	10,575.2	8.979%	1,110.0
0.0	0.0	0.0	0.0	0.000%	0.0
0.0	0.0	1,759.9	1,759.9	1.494%	184.7
0.0	0.0	0.0	3.1	0.003%	0.3
0.0	0.0	0.0	165.0	0.140%	17.3
0.0	0.0	15,381.5	24,681.0	20.956%	2,590.6
0.0	0.0	10,551.2	19,721.5	16.745%	2,070.0
0.0	0.0	614.4	1,846.5	1.568%	193.8
0.0	0.0	7.5	7.5	0.006%	0.8
0.0	142.6	142.6	1,206.5	1.024%	126.6
0.0	(67.7)	2,381.2	4,713.5	4.002%	494.7
0.0	0.0	0.0	774.7	0.658%	81.3
0.0	0.0	0.0	526.8	0.447%	55.3
<b>(17,394.8)</b>	<b>(38.7)</b>	<b>72,943.0</b>	<b>117,777.0</b>	<b>100.000%</b>	<b>12,362.0</b>
<b>20E</b>	<b>20F</b>	<b>20G</b>	<b>20H</b>	<b>20I</b>	<b>20J</b>

prative Pool for any remaining Desalter replenishment obligation after applying both 6(b)(i) and 6(b)(ii), allocated pro-rata to each Appropriate Pool



**Assessment Year 2020-2021 (Production Year 2019-2020)**  
**Desalter Replenishment Summary**

	Desalter Replenishment Obligation in AF			Transfer from Dedicated Replenishment Account	Transfer from Excess Carry Over Storage Account
	Desalter Replenishment Obligation Contribution	Remaining Desalter Replenishment Obligation	Total Desalter Replenishment Obligation		
Arrowhead Mtn Spring Water Co	0.0	(29.3)	(29.3)	29.3	0.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	(389.2)	(332.4)	(721.6)	721.6	0.0
Chino, City Of	(1,054.9)	(730.8)	(1,785.7)	0.0	1,785.7
Cucamonga Valley Water District	(590.0)	(932.1)	(1,522.1)	1,522.1	0.0
Fontana Union Water Company	(990.8)	(548.6)	(1,539.4)	1,539.4	0.0
Fontana Water Company	(40.5)	(1,094.5)	(1,135.0)	1,135.0	0.0
Fontana, City Of	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	(63.8)	(102.5)	(166.2)	0.0	166.2
Jurupa Community Services District	(1,047.9)	(1,461.8)	(2,509.6)	974.4	1,535.2
Marygold Mutual Water Company	(101.6)	(146.5)	(248.1)	0.0	0.0
Monte Vista Irrigation Company	(104.9)	(58.1)	(163.0)	0.0	163.0
Monte Vista Water District	(752.9)	(1,110.0)	(1,862.8)	0.0	1,106.9
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	(184.7)	(184.7)	0.0	0.0
Nicholson Family Trust	(0.6)	(0.3)	(0.9)	0.0	0.9
Norco, City Of	(31.3)	(17.3)	(48.6)	0.0	48.6
Ontario, City Of	(1,968.9)	(2,590.6)	(4,559.5)	4,559.5	0.0
Pomona, City Of	(1,738.6)	(2,070.0)	(3,808.6)	232.4	3,576.2
San Antonio Water Company	(233.6)	(193.8)	(427.4)	427.4	0.0
San Bernardino, County of (Shooting Park)	0.0	(0.8)	(0.8)	0.0	0.0
Santa Ana River Water Company	(201.7)	(126.6)	(328.3)	0.0	328.3
Upland, City Of	(442.2)	(494.7)	(936.9)	936.9	0.0
West End Consolidated Water Co	(146.9)	(81.3)	(228.2)	228.2	0.0
West Valley Water District	(99.9)	(55.3)	(155.2)	0.0	155.2
	<b>(10,000.0)</b>	<b>(12,362.0)</b>	<b>(22,362.0)</b>	<b>12,306.2</b>	<b>8,866.3</b>
	<b>21A</b>	<b>21B</b>	<b>21C</b>	<b>21D</b>	<b>21E</b>

p21:

- 1) Due to an agreement between CVWD and FUWC, all of FUWC's rights are automatically transferred to CVWD. A recurring transaction was created so that a portion
- 2) California Speedway dedicated 29.293 AF to satisfy Arrowhead's 2020/21 DRO pursuant to an Exhibit "G" Section 10 Form A.
- 3) City of Ontario (Non-Ag) dedicated 4,559.485 AF from their ECO storage account through Exhibit "G" Section 10 Form A to satisfy City of Ontario's 2020/21 DRO.

**POOL 3**

Total DRO Fulfillment Activity					Assessments	
Transfer from Recharged Recycle Storage Account	Transfer from Quantified Storage Account	Transfer from Post 7/1/2000 Storage Account	Replenishment Water Purchase	Total Transfers and Water Purchases	Residual DRO (AF)	Assessmnets Due On Residual DRO (\$)
0.0	0.0	0.0	0.0	29.3	0.0	0.00
0.0	0.0	0.0	0.0	0.0	0.0	0.00
0.0	0.0	0.0	0.0	721.6	0.0	0.00
0.0	0.0	0.0	0.0	1,785.7	0.0	0.00
0.0	0.0	0.0	0.0	1,522.1	0.0	0.00
0.0	0.0	0.0	0.0	1,539.4	0.0	0.00
0.0	0.0	0.0	0.0	1,135.0	0.0	0.00
0.0	0.0	0.0	0.0	0.0	0.0	0.00
0.0	0.0	0.0	0.0	166.2	0.0	0.00
0.0	0.0	0.0	0.0	2,509.6	0.0	0.00
0.0	248.1	0.0	0.0	248.1	0.0	0.00
0.0	0.0	0.0	0.0	163.0	0.0	0.00
755.9	0.0	0.0	0.0	1,862.8	0.0	0.00
0.0	0.0	0.0	0.0	0.0	0.0	0.00
0.0	0.0	109.0	0.0	109.0	(75.7)	58,057.30
0.0	0.0	0.0	0.0	0.9	0.0	0.00
0.0	0.0	0.0	0.0	48.6	0.0	0.00
0.0	0.0	0.0	0.0	4,559.5	0.0	0.00
0.0	0.0	0.0	0.0	3,808.6	0.0	0.00
0.0	0.0	0.0	0.0	427.4	0.0	0.00
0.0	0.0	0.0	0.0	0.0	(0.8)	606.70
0.0	0.0	0.0	0.0	328.3	0.0	0.00
0.0	0.0	0.0	0.0	936.9	0.0	0.00
0.0	0.0	0.0	0.0	228.2	0.0	0.00
0.0	0.0	0.0	0.0	155.2	0.0	0.00
<b>755.9</b>	<b>248.1</b>	<b>109.0</b>	<b>0.0</b>	<b>22,285.6</b>	<b>(76.5)</b>	<b>58,664.00</b>
<b>21F</b>	<b>21G</b>	<b>21H</b>	<b>21I</b>	<b>21J</b>	<b>21K</b>	<b>21L</b>

of that water gets returned to FUWC to satisfy their DRO.





**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Assessment Calculation - Includes "10% Administrative"**

**PRODUCTION BASIS**

2018/2019 Production and Exchanges in Acre-Feet (Actuals)

2019/2020 Production and Exchanges in Acre-Feet (Actuals)<sup>1</sup>

**BUDGET**

Administration, Advisory Committee and Watermaster Board<sup>2,3</sup>

OBMP and Implementation Projects<sup>2</sup>

**General Admin and OBMP Assessments**

**TOTAL BUDGET**

Less: Budgeted Interest Income

Less: Contributions from Outside Agencies

**Subtotal: CASH DEMAND**

**Add: OPERATING RESERVE**

Administrative (10%)

OBMP (15%)

**Less: Cash on Hand Available for Assessments<sup>4</sup>**

**Total: CASH REQUIRED TO BE ASSESSED**

	FY 2019/20 Budget	FY 2020/21 Budget
	\$2,410,259	\$2,021,670
	\$5,393,629	\$6,103,889
	\$7,803,888	\$8,125,559
	(\$75,124)	(\$130,813)
	(\$171,906)	(\$176,203)
	\$7,556,858	\$7,818,543
	\$241,026	\$202,167
	\$809,044	\$915,583
	(\$1,050,070)	(\$1,117,750)
	\$7,556,858	\$7,818,543

Current Year Assessments

General Administration/OBMP Assessments (Minimum \$5.00 Per Producer)

[A]

**Grand Total**

Prior Year Assessments, (Actuals) Information Only

[B]

Grand Total

Variance Between Proposed Assessments and Prior Year Assessments

[A] - [B]

Grand Total

Estimated Assessment as of "Approved" Budget May 28, 2020, Information Only

Grand Total

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<sup>1</sup> Due to the timing of when the Budget and the Assessment Package are prepared, actual production numbers on this page may differ from the Budget depending

<sup>2</sup> Total costs are allocated to Pools by actual production percentages. Does not include Recharge Debt Payment, Recharge Improvement Projects, Replenishment

<sup>3</sup> Total Administration, Advisory Committee and Watermaster Board excludes OAP, AP, and ONAP specific legal services, meeting compensation, or Special Funds.

<sup>4</sup> June 30th fund balance (estimated) less funds required for Operating Reserves, Agricultural Pool Reserves, and Carryover replenishment obligations.

## and 15% OBMP/Project Operating Reserves"

ASSESSMENT	APPROPRIATIVE POOL		AGRICULTURAL POOL		NON-AG POOL	
	General Administration	OBMP	General Administration	OBMP	General Administration	OBMP
100,761.006	75,114.142	74.547%	21,785.871	21.621%	3,860.993	3.832%
95,348.464	69,918.990	73.330%	21,841.407	22.907%	3,588.067	3.763%
\$2,021,670	\$1,482,490		\$463,102		\$76,078	
\$6,103,889		\$4,475,979		\$1,398,214		\$229,696
\$8,125,559	\$1,482,490	\$4,475,979	\$463,102	\$1,398,214	\$76,078	\$229,696
\$8,125,559	\$1,482,490	\$4,475,979	\$463,102	\$1,398,214	\$76,078	\$229,696
(\$130,813)		(\$95,925)		(\$29,965)		(\$4,923)
(\$176,203)		(\$129,210)		(\$40,363)		(\$6,631)
\$7,818,543	\$1,482,490	\$4,250,844	\$463,102	\$1,327,886	\$76,078	\$218,143
\$202,167	\$148,249		\$46,310		\$7,608	
\$915,583		\$671,397		\$209,732		\$34,454
(\$1,117,750)	(\$148,249)	(\$671,397)	(\$46,310)	(\$209,732)	(\$7,608)	(\$34,454)
\$7,818,543	\$1,482,490	\$4,250,844	\$463,102	\$1,327,886	\$76,078	\$218,143
Per Acre-Foot	\$21.20	\$60.80	\$21.20	\$60.80	\$21.20	\$60.80
		\$82.00		\$82.00		\$82.00
Per Acre-Foot	\$23.09	\$51.90	\$23.09	\$51.90	\$23.09	\$51.90
		\$74.99		\$74.99		\$74.99
	(\$1.89)	\$8.90	(\$1.89)	\$8.90	(\$1.89)	\$8.90
		\$7.01		\$7.01		\$7.01
	\$19.74	\$47.25	\$19.74	\$47.25	\$19.74	\$47.25
		\$66.99		\$66.99		\$66.99

on any last minute corrections during the Assessment Package preparation process.  
 Water Purchases, or RTS charges.  
 These items invoiced separately on the Assessment invoices.



**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Water Transaction Detail**

**Standard Transactions**

To:	From:	Date of Submittal	Quantity	\$ / Acre Feet	Total \$	If 85/15 Rule Applies:		
						85%	15%	WM Pays
City of Ontario (Non-Ag)	GenOn California South, LP Storage Account	9/3/2019	2,788.2	0.00	0.00			
	<i>Permanent transfer of ECO</i>							
	GenOn California South, LP Annual Account	9/3/2019	952.6	0.00	0.00			
	<i>Permanent transfer of Carryover</i>							
Cucamonga Valley Water District	San Antonio Water Company Storage Account	10/28/2019	174.0	0.00	0.00			
	<i>85/15 Rule does not apply -- method of utilizing SAWCo shares.</i>							
Fontana Water Company	Chino, City Of Storage Account	1/16/2020	3,500.0	584.80	2,046,800.00	1,739,780.00	307,020.00	Fontana Water Company
	Cucamonga Valley Water District Annual Account	2/25/2020	2,408.7	543.60	1,309,378.56			
	Cucamonga Valley Water District Annual Account	2/25/2020	5,091.3	543.60	2,767,621.44	2,352,478.22	415,143.22	Fontana Water Company
	Nicholson Family Trust Annual Account	5/4/2020	4.0	564.20	2,256.80			
	Santa Ana River Water Company Annual Account	2/21/2020	1,000.0	543.60	543,600.00	462,060.00	81,540.00	Fontana Water Company
Golden State Water Company	West End Consolidated Water Co Storage Account	6/18/2020	66.4	49.00	3,253.60			
	<i>85/15 Rule does not apply -- method of utilizing West End shares</i>							
Upland, City Of	West End Consolidated Water Co Annual Account	6/18/2020	708.3	49.00	34,706.70			
	<i>85/15 Rule does not apply -- method of utilizing West End shares.</i>							
			<b>16,693.5</b>		<b>6,707,617.10</b>	<b>4,554,318.22</b>	<b>803,703.22</b>	

**Exhibit G Transactions**

To:	From:	Date of Submittal	Quantity	\$ / Acre Feet	Total \$	If 85/15 Rule Applies:			
						85%	15%	WM Pays	
Watermaster (Exhibit G Non-Ag Transfers)	California Speedway Corporation	12/31/2019	(1,000.0)	675.00	675,000.00				
	<i>Exhibit G Water Sale</i>								
Arrowhead Mtn Spring Water Co	Watermaster (Exhibit G Non-Ag Transfer)	3/1/2020	1,000.0	675.00	675,000.00				
	<i>Exhibit G Water Sale</i>								
			<b>1,000.0</b>		<b>675,000.00</b>				
						<b>Total 15% Credits from all Transactions:</b>	<b>\$803,703.22</b>		



**Assessment Year 2020-2021 (Production Year 2019-2020)**  
**Water Transaction Detail**

**Applied Recurring Transactions:**

<b>From:</b>	<b>To:</b>	<b>Quantity</b>	<b>\$ / Acre Feet</b>	
Fontana Union Water Company Annual Account - Desalter Replenishment Obligation	Cucamonga Valley Water District Annual Account - Transfer (To) / From	All	0.00	<i>Transfer of FUWC DRO</i>
Fontana Union Water Company Annual Account - Total AG SY Reallocation	Cucamonga Valley Water District Annual Account - Transfer (To) / From	All	0.00	<i>Transfer FUWC Total Ag SY to CVWD.</i>
Fontana Union Water Company Annual Account - Assigned Rights	Cucamonga Valley Water District Annual Account - Assigned Rights	All	0.00	<i>Transfer FUWC water transfer rights to CVWD.</i>
Fontana Union Water Company Annual Account - Transfer (To) / From	Cucamonga Valley Water District Annual Account - Transfer (To) / From	All	0.00	<i>Transfer FUWC water transfer rights to CVWD.</i>
Fontana Union Water Company Annual Account - Diff - Potential vs. Net	Cucamonga Valley Water District Annual Account - Transfer (To) / From	All	0.00	<i>Transfer FUWC Ag Pool Reallocation Difference (Potential vs. Net) to CVWD.</i>
Fontana Union Water Company Annual Account - Stormwater New Yield	Cucamonga Valley Water District Annual Account - Transfer (To) / From	All	0.00	<i>Transfer FUWC New Yield to CVWD.</i>
Fontana Union Water Company Annual Account - Assigned Share of Operating Safe Yield	Cucamonga Valley Water District Annual Account - Transfer (To) / From	All	0.00	<i>Transfer FUWC Share of Safe Yield to CVWD.</i>

P23:  
 The Water Transaction between Cucamonga Valley Water District and Fontana Water Company submitted on 2/25/2020 for the amount of 7,500 AF had been split because the amount purchased exceeds what is required to satisfy overproduction; the 85/15 Rule only applies to the portion that satisfies overproduction per the direction of the Appropriative Pool on November 2, 2011.



Assessment Year 2020-2021 (Production Year 2019-2020)

Analysis of the 85/15 Rule Application to Water Transfers

To	(Over)/Under Production Excluding Water Transfer(s)	From	Date of Submittal	Transfer Quantity	Is Buyer an 85/15 Party?	Is Transfer Being Placed into Annual Account?	Is Purpose of Transfer to Utilize SAWCO or West End Shares?	Amount of Transfer Eligible for 85/15 Rule
Watermaster (Exhibit G Non-Ag Transfers)	0.0	California Speedway Corporation	12/31/2019	1,000.0	No	No	No	0.0
<i>Exhibit G Water Sale</i>								
Arrowhead Mtn Spring Water Co	(249.8)	Watermaster (Exhibit G Non-Ag Transfer)	3/1/2020	1,000.0	No	Yes	No	0.0
<i>Exhibit G Water Sale</i>								
City of Ontario (Non-Ag)	5,333.9	GenOn California South, LP Storage Account	9/3/2019	2,788.2	No	No	No	0.0
<i>Permanent transfer of ECO</i>								
		GenOn California South, LP Annual Account	9/3/2019	952.6	No	Yes	No	0.0
<i>Permanent transfer of Carryover</i>								
Cucamonga Valley Water District	8,922.5	San Antonio Water Company Storage Account	10/28/2019	174.0	Yes	Yes	Yes	0.0
<i>85/15 Rule does not apply -- method of utilizing SAWCo shares.</i>								
Fontana Water Company	(9,591.3)	Chino, City Of Storage Account	1/16/2020	3,500.0	Yes	Yes	No	3,500.0
		Cucamonga Valley Water District Annual Account	2/25/2020	2,408.7	Yes	Yes	No	0.0
		Cucamonga Valley Water District Annual Account	2/25/2020	5,091.3	Yes	Yes	No	5,091.3
		Nicholson Family Trust Annual Account	5/4/2020	4.0	Yes	Yes	No	0.0
		Santa Ana River Water Company Annual Account	2/21/2020	1,000.0	Yes	Yes	No	1,000.0
Golden State Water Company	257.2	West End Consolidated Water Co Storage Account	6/18/2020	66.4	Yes	Yes	Yes	0.0
<i>85/15 Rule does not apply -- method of utilizing West End shares</i>								
Upland, City Of	3,841.9	West End Consolidated Water Co Annual Account	6/18/2020	708.3	Yes	Yes	Yes	0.0
<i>85/15 Rule does not apply -- method of utilizing West End shares.</i>								

p24:

The Water Transaction between Cucamonga Valley Water District and Fontana Water Company submitted on 2/25/2020 for the amount of 7,500 AF had been split because the amount purchased exceeds what is required to satisfy overproduction; the 85/15 Rule only applies to the portion that satisfies overproduction per the direction of the Appropriative Pool on November 2, 2011.



**ALL POOLS**

**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Watermaster Replenishment Calculation**

**Cost of Replenishment Water per acre foot:**

Watermaster Replenishment Cost	\$755.00
Projected Spreading - OCWD Connection Fee	\$2.00
Projected Spreading - Delivery Surcharge	\$10.00
Pre-purchased Credit	\$0.00
<b>Total Replenishment Cost per acre foot (see footnote)</b>	<b>\$767.00</b>

<b>Replenishment Obligation:</b>	<b>AF @ \$767.00</b>	<b>15%</b>	<b>85%</b>	<b>Total</b>
Appropriative - 100	1,759.9			\$1,349,858.64
Appropriative - 15/85	7.5	\$867.13	\$4,913.75	\$5,780.88
Non-Agricultural - 100	39.9			\$30,590.26
	<b>1,807.3</b>			<b>\$1,386,229.78</b>

<b>Company</b>	<b>AF Production and Exchanges</b>	<b>85/15 Producers</b>	<b>Percent of Total 85/15 Producers</b>	<b>15% Replenishment Assessment</b>	<b>15% Water Transaction Debits</b>
Arrowhead Mtn Spring Water Co	279.1			-	-
CalMat Co. (Appropriative)	0.0			-	-
Chino Hills, City Of	1,409.0	1,409.0	2.495%	\$21.64	\$20,053.89
Chino, City Of	2,196.2	2,196.2	3.889%	\$33.73	\$31,258.32
Cucamonga Valley Water District	5,920.6	5,920.6	10.485%	\$90.92	\$84,267.02
Desalter Authority	35,597.1			-	-
Fontana Union Water Company	0.0	0.0	0.000%	-	\$0.00
Fontana Water Company	10,426.8	10,426.8	18.465%	\$160.11	\$148,401.75
Fontana, City Of	0.0			-	-
Golden State Water Company	640.0	640.0	1.133%	\$9.83	\$9,109.17
Jurupa Community Services District	12,241.6	12,241.6	21.679%	\$187.98	\$174,231.36
Marygold Mutual Water Company	860.2			-	-
Monte Vista Irrigation Company	0.0	0.0	0.000%	-	\$0.00
Monte Vista Water District	6,568.2	6,568.2	11.632%	\$100.86	\$93,483.39
NCL Co, LLC	0.0			-	-
Niagara Bottling, LLC	1,759.9			-	-
Nicholson Family Trust	0.0	0.0	0.000%	-	\$0.00
Norco, City Of	0.0	0.0	0.000%	-	\$0.00
Ontario, City Of	13,920.4	13,920.4	24.652%	\$213.76	\$198,125.57
Pomona, City Of	10,551.2			-	-
San Antonio Water Company	614.4	614.4	1.088%	\$9.44	\$8,744.99
San Bernardino, County of (Shooting Park)	7.5	7.5	0.013%	\$0.12	\$107.27
Santa Ana River Water Company	142.6	142.6	0.253%	\$2.19	\$2,029.48
Upland, City Of	2,381.2	2,381.2	4.217%	\$36.57	\$33,891.00
West End Consolidated Water Co	0.0	0.0	0.000%	-	\$0.00
West Valley Water District	0.0	0.0	0.000%	-	\$0.00
<b>** Fee assessment total is 15% of Appropriative 15/85 replenishment obligation</b>	<b>105,516.1</b>	<b>56,468.6</b>	<b>**</b>	<b>\$867.15</b>	<b>\$803,703.21</b>

Transfers to  
**8G**

Transfers to  
**8K**

p25: The 2020 rate includes a \$10 surcharge from Three Valleys Municipal Water District.



Assessment Year 2020-2021 (Production Year 2019-2020)

Readiness to Serve (RTS) Charges

Appropriative or Non-Agricultural Pool Party	FY 2016/2017 Water Purchases						
	Purchased Water in AF						
	20160623		20161216	20170418	85/15 Breakdown		
	RO	DRO	DRO	RO	AF @ 100%	AF @ 85/15	AF Total
Arrowhead Mtn Spring Water Co	1,135.3	8.9	4.0	335.7	1,483.8	0.0	1,483.8
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Cucamonga Valley Water District	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jurupa Community Services District	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	78.7	51.9	20.3	0.0	150.9	0.0	150.9
Monte Vista Irrigation Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Monte Vista Water District	0.0	0.0	0.0	0.0	0.0	0.0	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	2,567.5	35.5	0.0	1,174.3	3,777.3	0.0	3,777.3
Nicholson Family Trust	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Norco, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ontario, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pomona, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0
San Antonio Water Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0
San Bernardino, County of (Shooting Park)	38.8	0.3	0.1	9.4	0.4	48.2	48.6
Santa Ana River Water Company	0.0	48.0	23.7	0.0	71.7	0.0	71.7
Upland, City Of	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West End Consolidated Water Co	0.0	0.0	0.0	0.0	0.0	0.0	0.0
West Valley Water District	0.0	23.5	11.8	0.0	35.3	0.0	35.3
9W Halo Western OpCo L.P.	62.2	0.0	0.0	10.6	72.9	0.0	72.9
ANG II (Multi) LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Aqua Capital Management LP	57.5	0.0	0.0	0.0	57.5	0.0	57.5
California Speedway Corporation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
California Steel Industries, Inc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CalMat Co.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CCG Ontario, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0
City of Ontario (Non-Ag)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
County of San Bernardino (Non-Ag)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
General Electric Company	0.0	0.0	0.0	0.1	0.1	0.0	0.1
GenOn California South, LP	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Hamner Park Associates, a California Limited Partnershi	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Monte Vista Water District (Non-Ag)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Praxair, Inc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Riboli Family and San Antonio Winery, Inc.	28.8	0.0	0.0	4.0	32.8	0.0	32.8
Space Center Mira Loma, Inc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TAMCO	19.8	0.0	0.0	16.5	36.4	0.0	36.4
West Venture Development Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	<b>3,988.7</b>	<b>168.0</b>	<b>59.9</b>	<b>1,550.5</b>	<b>5,718.8</b>	<b>48.2</b>	<b>5,767.0</b>
	26A	26B	26C	26D	26E	26F	26G

p26:

1) This year's RTS includes the third of ten annual RTS charges for water purchased in FY 2016/17, and second of ten annual RTS charges for water purch



**ALL POOLS**

Total Water Purchased: 6,912.9 AF Total RTS Charge: \$38,549.97 (\$5.58/AF)

2015/16 Prod & Exch From 85/15 Producers		Year 3 RTS Charges			Purchased Water in AF		2016/17 Prod & Exch From 85/15 Producers		Year 2 RTS Charges			TOTAL RTS CHARGES		
		15% \$0.84	85% \$4.74	100% \$5.58	20171211				15% \$0.84	85% \$4.74	100% \$5.58			
Acre-Feet	Percent				RO	DRO	Acre-Feet	Percent						
0.0	0.000%	0.00	0.00	8,274.14	0.1	0.0	0.0	0.000%	0.00	0.00	0.50	8,274.65		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
1,548.3	2.009%	0.81	0.00	0.00	0.0	0.0	2,152.0	3.002%	0.33	0.00	0.00	1.14		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	388.9	0.543%	0.06	0.00	0.00	0.06		
20,534.7	26.648%	10.75	0.00	0.00	0.0	0.0	16,562.0	23.104%	2.56	0.00	0.00	13.31		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
15,317.2	19.877%	8.02	0.00	0.00	0.0	0.0	13,250.5	18.484%	2.05	0.00	0.00	10.07		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
807.4	1.048%	0.42	0.00	0.00	0.0	0.0	850.3	1.186%	0.13	0.00	0.00	0.55		
8,952.8	11.618%	4.69	0.00	0.00	0.0	0.0	11,023.2	15.377%	1.70	0.00	0.00	6.39		
0.0	0.000%	0.00	0.00	841.34	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	841.34		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
8,203.7	10.646%	4.30	0.00	0.00	0.0	0.0	6,865.0	9.577%	1.06	0.00	0.00	5.36		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	21,064.26	946.1	0.0	0.0	0.000%	0.00	0.00	5,275.70	26,339.96		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
18,053.8	23.429%	9.45	0.00	0.00	0.0	0.0	18,970.2	26.463%	2.93	0.00	0.00	12.38		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
1,030.8	1.338%	0.54	0.00	0.00	0.0	0.0	537.7	0.750%	0.08	0.00	0.00	0.62		
9.4	0.012%	0.00	228.63	2.22	13.2	0.8	13.0	0.018%	0.00	62.75	4.42	298.02		
0.0	0.000%	0.00	0.00	399.74	0.0	118.7	0.0	0.000%	0.00	0.00	661.74	1,061.48		
2,600.7	3.375%	1.36	0.00	0.00	0.0	0.0	1,071.9	1.495%	0.17	0.00	0.00	1.53		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	196.58	0.0	58.8	0.0	0.000%	0.00	0.00	327.63	524.21		
0.0	0.000%	0.00	0.00	406.38	3.0	0.0	0.0	0.000%	0.00	0.00	16.89	423.26		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	320.49	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	320.49		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.34	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.34		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
0.0	0.000%	0.00	0.00	0.00	0.0	0.0	0.0	0.000%	0.00	0.00	0.00	0.00		
77,058.9	100.0%	40.35	228.63	31,890.94	967.7	178.2	71,684.9	100.0%	11.07	62.75	6,316.24	38,549.98		
		<b>26H</b>	<b>26I</b>	<b>26J</b>	<b>26K</b>	<b>26L</b>	<b>26M</b>	<b>26N</b>	<b>26O</b>	<b>26P</b>	<b>26Q</b>	<b>26R</b>	<b>26S</b>	<b>26T</b>

based in FY 2017/18.



**Assessment Year 2020-2021 (Production Year 2019-2020)**  
**Assessment Package Notes**

<b>Page</b>	<b>Note</b>
ALL	A change in a Party's name will be reflected in the Assessment Package for the production year in which the name change occurred. For example, if a Party changed its name on June 30, 2020, it will be reflected in the FY 2020/2021 Assessment Package (for Production Year 2019/2020). Additionally, if a Party changed its name on July 1, 2020, it will be reflected in the FY 2021/2022 Assessment Package (for Production Year 2020/2021).
pg01	"Agricultural Total Pool Production" includes Voluntary Agreements between Appropriators and Agricultural Pool Parties.
pg04 (a)	Transfers in Column [4E] include the annual transfer of 10% of the Non-Ag Safe Yield to be utilized to offset the overall Desalter Replenishment Obligation in accordance with the Peace II Agreement Section 6.2, and also the Exhibit "G" physical solution.
pg04 (b)	Column [4H], "Actual Fiscal Year Production," includes physical production and Assignments between Appropriators and Non-Ag Pool Parties.
pg04 (c)	"Net Over Production" does not include evaporative loss. Additional water will be purchased in order to adequately cover evaporative losses. The rates are 1.5% from November through March, 4.2% from April through October.
pg05 (a)	Hydraulic Control was achieved on February 1, 2016. Pursuant to Paragraph 7.4(b) of the Peace II Agreement, Storage Loss is now calculated at 0.07%.
pg05 (b)	When applicable, column [5C] includes the Exhibit "G" physical solution transfers to the Appropriative Pool.
pg06	Transfers in Column [6C] is the annual transfer of 10 percent of the Non-Ag Safe Yield to be utilized to offset the overall Desalter Replenishment Obligation in accordance with the Peace II Agreement Section 6.2.
pg07 (a)	The financial Outstanding Obligations are reconciled on pages 7.1 and 17.1.
pg07 (b)	Fund Balance is maintained on a spreadsheet by Watermaster.
pg07 (c)	Outstanding Obligation (\$) is calculated by multiplying Outstanding Obligation (AF) by the current rate, reduced by the Fund Balance (\$).
pg07 (d)	Fund Balance is the money collected by Watermaster, Outstanding Obligation (\$) is the money owed by the Parties or credited to the Parties.
pg08 (a)	Recharge Debt Payment expenses [8O] and Recharge Improvement Project expenses [8P] are each allocated on % OSY, based on the approved budget.
pg08 (b)	Pursuant to Paragraph 5.4(b) of the Peace Agreement, the City of Pomona shall be allowed a credit of up to \$2 million against OBMP Assessments through 2030. This equates to \$66,667 per year. TVMWD elected to discontinue payment of the "Pomona Credit," effective FY 2012/2013. It is now paid by the Appropriative Pool Parties, allocated on % OSY.
pg09 (a)	Other Adjustments include water provided to another Appropriator, pump-to-waste that has been captured in a recharge basin (as verified by IEUA), and other miscellaneous recharge / injection of native water.
pg09 (b)	Evaporative Losses will be applied to recharged water from Pump-to-Waste activities beginning in October 2017. (Evaporative Loss Rates: 1.5% Nov - Mar; 4.2% Apr - Oct)
pg10 (a)	The Restated Judgment allowed an accumulated overdraft of 200,000 AF over 40 years. The total Operating Safe Yield is now 44,834 AF, allocated by percentage of Operating Safe Yield.
pg10 (b)	Column [10I], "Actual Fiscal Year Production," includes physical production, Voluntary Agreements, Assignments, and, if applicable, other adjustments. A detailed breakdown can be found on Page 9.1.
pg10 (c)	"Net Over Production" does not include evaporative loss. Additional water will be purchased in order to adequately cover evaporative losses. The rates are 1.5% from November through March, 4.2% from April through October.
pg11 (a)	The Assessment Package database is set up so that all water must go through the Party Annual Accounts on the way to or from ECO Storage Accounts, and through the ECO Storage Accounts on the way to or from Supplemental Storage Accounts.



**Assessment Year 2020-2021 (Production Year 2019-2020)**  
**Assessment Package Notes**

<b>Page</b>	<b>Note</b>
pg11 (b)	Column [11C] includes transfers to the Desalter Replenishment Obligation.
pg12 (a)	The Assessment Package database is set up so that all water must go through the Party Annual Accounts on the way to or from ECO Storage Accounts, and through the ECO Storage Accounts on the way to or from Supplemental Storage Accounts.
pg12 (b)	Columns [12C], [12H], and [12M] include transfers to the Desalter Replenishment Obligation.
pg12 (c)	The first 3,000 AF of City of Fontana's recharged recycled water transfers to the City of Ontario, and all of the City of Montclair's recharged recycled water transfers to MVWD.
pg13 (a)	"Re-Operation Offset: Pre-Peace II Desalters" had an original beginning balance of 225,000.000 AF. The 29,070 AF correction required by Condition Subsequent 7 is included. (See Page 18.1)
pg13 (b)	"Re-Operation Offset: Peace II Expansion" had an original beginning balance of 175,000.000 AF. It will now be allocated to Desalter replenishment over a 17-year period, beginning in 2013/14 and ending in 2029/30, according to a schedule. (See Page 18.1)
pg13 (c)	There is no loss assessed on the native Basin water allocated to offset Desalter production as a result of Basin Reoperation as approved in the Peace II Agreement.
pg13 (d)	"Non-Ag Dedication" was used in a prior Assessment Package to indicate the Paragraph 31 Settlement Agreements Dedication.
pg13 (e)	The "Non-Ag" OBMP Special Assessment", also referred to as the "10% Haircut", will indicate the movement of water when it is being utilized to further offset the Desalter Replenishment Obligation. See [18L] on Page 18.1.
pg13 (f)	Columns [13C] and [13D] under "Dedicated Replenishment" include transfers of water from an Annual Account to DRO resulting from Party to Party transfers such as those executed with the Exhibit "G" Form A.
pg14	Transfers in Column [14A] include annual water transfers/leases between Appropriators and/or from Appropriators to Watermaster for replenishment purposes, and also the Exhibit "G" physical solution transfers from the Non-Ag Pool.
pg15 (a)	Most of the remaining eligible parcels for Land Use Conversion are within the Conversion Area 1 boundary.
pg15 (b)	"Unlikely to Convert Parcels" regardless of eligibility are not likely to convert due to pre-existing land use. Eligibility will be determined on a case by case basis.
pg16	Beginning with the 2015/16 Assessment Package, the Agricultural Pool Safe Yield Reallocation is now being calculated with a new formula in accordance with the March 15, 2019 Court Order.
pg17 (a)	The financial Outstanding Obligations are reconciled on pages 7.1 and 17.1.
pg17 (b)	Fund Balance is maintained on a spreadsheet by Watermaster.
pg17 (c)	Outstanding Obligation is calculated by multiplying Outstanding Obligation (AF) by the current rate, reduced by the Fund Balance.
pg17 (d)	Fund Balance is the money collected by Watermaster, Outstanding Obligation (\$) is the money owed by the Parties or credited to the Parties.
pg21	Any balance in a Dedicated Replenishment Account is utilized first to satisfy new or carried over Desalter Replenishment Obligation beginning with the fiscal year such water was made available. The balance, if any, can be found on page 13.1.
pg22	The table on this page is a replica of the table found in the Watermaster Budget.
pg24	The column titled "(Over)/Under Production Excluding Water Transfer(s)" excludes Exhibit "G" water sales and water transfers between Appropriators and to Watermaster (if any). $([10B] + [10C] + [10D] + [10E] + [14B] - [10K])$
pg25 (a)	The "15% Water Transaction Debits" total is the "Total 15% Credits from all Transaction" from Page 23.1.



**ALL POOLS**

**Assessment Year 2020-2021 (Production Year 2019-2020)**

**Assessment Package Notes**

<b>Page</b>	<b>Note</b>
pg25 (b)	"Replenishment Obligation" does not include evaporative loss. Additional water will be purchased in order to adequately cover evaporative losses. The rates are 1.5% from November through March, 4.2% from April through October.
pg26 (a)	Beginning with fiscal year 2016/17, water purchased through the IEUA will be charged with an annual RTS fee over a ten year period commencing two years after the initial purchase. This fee will vary year to year based on a ten-year rolling average.
pg26 (b)	RTS will be allocated based on the total RTS charge for the year and not on the calculated cost per acre-foot.



Assessment Year 2020-2021 (Production Year 2019-2020)

Assessment Package References and Definitions

Column	Title	Description
2A	<b>AF Production</b>	Actual fiscal year production by each Party. Copied from [4H].
2B	<b>Non-Agricultural Pool - AF/Admin</b>	Production [2A] <times> per acre-foot Admin fee.
2C	<b>Non-Agricultural Pool - AF/OBMP</b>	Production [2A] <times> per acre-foot OBMP fee.
2D	<b>Replenishment Assessments - AF Exceeding Annual Right</b>	Over-production for each Party beyond their annual production right. Copied from [4I].
2E	<b>Replenishment Assessments - \$767 Per AF</b>	Amount overproduced [2D] <times> the current replenishment rate.
2F	<b>CURO Adjustment</b>	Monetary amount needed (or to be credited) for each Party's Cumulative Unmet Replenishment Obligation (CURO). Calculated on Page 7.1.
2G	<b>RTS Charges</b>	Annual Readiness to Serve charges for water purchased in prior years.
2H	<b>Other Adjustments</b>	Used as necessary for any other monetary adjustments needed to the Assessment Package.
2I	<b>Total Assessments Due</b>	Total fees assessed based on Party production. [2B] + [2C] + [2E] + [2F] + [2G] + [2H].
3A	<b>Physical Production</b>	Fiscal year physical production by each Party.
3B	<b>Assignments</b>	Total of water received from an Appropriator by each Party.
3C	<b>Other Adjustments</b>	Any other adjustments that result in off-set of the fiscal year's production.
3D	<b>Actual FY Production (Assmnt Pkg Column 4H)</b>	Total adjusted production for the fiscal year. Also known as Assessable Production. [3A] + [3B] + [3C].
4A	<b>Percent of Safe Yield</b>	The Party's yearly percentage of Safe Yield.
4B	<b>Carryover Beginning Balance</b>	The beginning balance in each Annual Account. This number carries forward from the ending balance in the previous period Assessment Package.
4C	<b>Prior Year Adjustments</b>	This number reflects the adjusted production rights from a previous Assessment Package, in the event that corrections are needed.
4D	<b>Assigned Share of Safe Yield (AF)</b>	The Party's yearly volume of Safe Yield.
4E	<b>Water Transaction Activity</b>	Total of one-time water transfers between Parties for this period, including the annual transfer of 10 percent of the Non-Ag Safe Yield to be utilized to offset the overall Desalter Replenishment Obligation, as stated in the Peace II Agreement, and Exhibit G.
4F	<b>Other Adjustments</b>	This number reflects adjusted production rights, in the event that corrections are needed.
4G	<b>Annual Production Right</b>	Current Year Production Right. [4B] + [4C] + [4D] + [4E] + [4F].



Assessment Year 2020-2021 (Production Year 2019-2020)

Assessment Package References and Definitions

Column	Title	Description
4H	<b>Actual Fiscal Year Production</b>	Fiscal year production, including Assignments, from CBWM's production system (as verified by each Party on their Water Activity Report). Also known as Assessable Production.
4I	<b>Net Over Production</b>	Over-production, if any, for each Party beyond their annual production right. $[4H] <minus> [4G]$ , equaling more than zero.
4J	<b>Under Production Balances - Total Under-Produced</b>	Production rights $[4G] <minus>$ production $[4H]$ , equaling more than zero.
4K	<b>Under Production Balances - Carryover: Next Year Begin Bal</b>	Either total under-produced $[4J]$ or share of Safe Yield $[4D]$ , whichever is less.
4L	<b>Under Production Balances - To Excess Carryover Account</b>	Total under-produced $[4J] <minus>$ Carryover to next year $[4K]$ , equaling more than zero.
5A	<b>Local Excess Carry Over Storage Account (ECO) - Beginning Balance</b>	The beginning balance in each ECO account. This number will carry forward from the ending balance in the previous period Assessment Package.
5B	<b>Local Excess Carry Over Storage Account (ECO) - 0.07% Storage Loss</b>	Beginning balance $[5A] <times> -0.0007$ .
5C	<b>Local Excess Carry Over Storage Account (ECO) - Transfers To / (From)</b>	Total of water transferred to and from the ECO Account.
5D	<b>Local Excess Carry Over Storage Account (ECO) - From Under-Production</b>	Total of water transferred from the Annual Account due to under production. Copied from $[4L]$ .
5E	<b>Local Excess Carry Over Storage Account (ECO) - Ending Balance</b>	The current balance in each ECO account. $[5A] + [5B] + [5C] + [5D]$ .
5F	<b>Local Supplemental Storage Account - Beginning Balance</b>	The beginning balance in each Supplemental Account. This number will carry forward from the ending balance in the previous period Assessment Package.
5G	<b>Local Supplemental Storage Account - 0.07% Storage Loss</b>	Beginning balance $[5F] <times> -0.0007$ .
5H	<b>Local Supplemental Storage Account - Transfers To / (From)</b>	Total of water transferred to and from the Annual and/or ECO Account.
5I	<b>Local Supplemental Storage Account - Ending Balance</b>	The current balance in each Supplemental Account. $[5F] + [5G] + [5H]$ .
5J	<b>Combined - Ending Balance</b>	The combined amount in all local storage accounts. $[5E] + [5I]$ .
6A	<b>Percent of Safe Yield</b>	The Party's yearly percentage of Operating Safe Yield.
6B	<b>Assigned Share of Safe Yield (AF)</b>	The Party's yearly volume of Operating Safe Yield.
6C	<b>Water Transactions - 10% of Operating Safe Yield ("Haircut")</b>	Operating Safe Yield $[6B] <times> -0.1$
6D	<b>Water Transactions - Transfers (To) / From ECO Account</b>	Total of water transferred between the Annual Account and ECO Account.
6E	<b>Water Transactions - General Transfers / Exhibit G Water Sales</b>	Total of water transfers between Parties for this period including Exhibit G Water Sales.
6F	<b>Water Transactions - Total Water Transactions</b>	Total water transactions. $[6C] + [6D] + [6E]$ . This column is used to populate $[4E]$ .



Assessment Year 2020-2021 (Production Year 2019-2020)

Assessment Package References and Definitions

Column	Title	Description
7A	<b>Outstanding Obligation (AF)</b>	The amount of obligation carried over from prior Assessment Package(s) that were not met due to various reason, including but not limited to MWD not having replenishment water available to purchase.
7B	<b>Fund Balance (\$)</b>	The amount of money collected or owed for replenishment assessments from prior Assessment Package(s).
7C	<b>Outstanding Obligation (\$)</b>	The amount of money that each Party owes or is credited based on current replenishment rate. [7A] <times> [CURRENT RATE] <minus> [7B].
8A	<b>AF Production and Exchanges</b>	Total production and exchanges. Copied from [10K].
8B	<b>Appropriative Pool - AF/Admin</b>	Production and Exchanges [8A] <times> per acre-foot Admin fee.
8C	<b>Appropriative Pool - AF/OBMP</b>	Production and Exchanges [8A] <times> per acre-foot OBMP fee.
8D	<b>Ag Pool SY Reallocation - AF Total Reallocation</b>	Reallocation of Ag Pool Safe Yield. Copied from [10E] and [16E].
8E	<b>Ag Pool SY Reallocation - AF/Admin</b>	Party Ag Pool reallocation [8D] <divided by> Total Ag Pool Reallocation [8D Total] <times> total dollar amount needed for Ag Pool Administration.
8F	<b>Ag Pool SY Reallocation - AF/OBMP</b>	Party Ag Pool reallocation [8D] <divided by> Total Ag Pool Reallocation [8D Total] <times> total dollar amount needed for Ag Pool OBMP.
8G	<b>Replenishment Assessments - AF/15%</b>	For Parties participating in the 85/15 Rule: Percentage of total 85/15 participant production <times> required credit amount. Copied from Page 25.1.
8H	<b>Replenishment Assessments - AF/85%</b>	For parties participating in the 85/15 Rule: Total volume overproduced [10L] <times> 85% of the replenishment rate.
8I	<b>Replenishment Assessments - AF/100%</b>	For parties not participating in the 85/15 Rule: Total volume overproduced [10M] <times> 100% of the replenishment rate.
8J	<b>85/15 Water Transaction Activity - 15% Producer Credits</b>	For parties participating in the 85/15 Rule: Credit amount equals 15% of the cost of the water purchased. Total to be credited copied from Page 23.1.
8K	<b>85/15 Water Transaction Activity - 15% Pro-rated Debits</b>	For parties participating in the 85/15 Rule: Percentage of total 85/15 participant production <times> required credit amount. Copied from Page 25.1.
8L	<b>CURO Adjustment</b>	Monetary amount needed (or to be credited) for each Party's Cumulative Unmet Replenishment Obligation (CURO). Calculated on Page 17.1.
8M	<b>ASSESSMENTS DUE - Total Production Based</b>	Total fees assessed based on Party production. [8B] + [8C] + [8E] + [8F] + [8G] + [8H] + [8I] + [8J] + [8K] + [8L].
8N	<b>ASSESSMENTS DUE - Pomona Credit</b>	Debit amount to Pomona <times> -1 <times> percent share of Operating Safe Yield [10A].
8O	<b>ASSESSMENTS DUE - Recharge Debt Payment</b>	Total recharge debt payment <times> percent share of Operating Safe Yield [10A].
8P	<b>ASSESSMENTS DUE - Recharge Improvement Project</b>	Total Recharge Improvement Project <times> Percent Share of Operating Safe Yield [10A].





Assessment Year 2020-2021 (Production Year 2019-2020)

Assessment Package References and Definitions

Column	Title	Description
8Q	<b>ASSESSMENTS DUE - RTS Charges</b>	Annual Readiness to Serve charges for water purchased in prior years.
8R	<b>ASSESSMENTS DUE - Other Adjustments</b>	Used as necessary for any other monetary adjustments needed to the Assessment Package.
8S	<b>ASSESSMENTS DUE - DRO</b>	Total assessments due for Desalter Replenishment. Copied from [21L].
8T	<b>ASSESSMENTS DUE - Total Due</b>	Total assessments. [8M] + [8N] + [8O] + [8P] + [8Q] + [8R] + [8S].
9A	<b>Physical Production</b>	Fiscal year physical production by each Party.
9B	<b>Voluntary Agreements (w/ Ag)</b>	Total of water provided to Agricultural Pool Parties.
9C	<b>Assignments (w / Non-Ag)</b>	Total of water provided to Non-Agricultural Pool Parties.
9D	<b>Other Adjustments</b>	Total of water received from, or provided to, another Appropriator. Also includes production off-sets.
9E	<b>Actual FY Production (Assmnt Pkg Column 10I)</b>	Total adjusted production for the fiscal year. [9A] + [9B] + [9C] + [9D].
10A	<b>Percent of Operating Safe Yield</b>	The Party's yearly percentage of Operating Safe Yield.
10B	<b>Carryover Beginning Balance</b>	The beginning balance in each Annual Account. This number carries forward from the ending balance in the previous period Assessment Package.
10C	<b>Prior Year Adjustments</b>	This number reflects the adjusted production rights from a previous Assessment Package, in the event that corrections are needed.
10D	<b>Assigned Share of Operating Safe Yield</b>	The Party's yearly volume of Operating Safe Yield.
10E	<b>Net Ag Pool Reallocation</b>	Reallocation of Ag Pool Safe Yield. Copied from [16E]. The calculations that lead to this are made on Page 16.1.
10F	<b>Water Transaction Activity</b>	Water transactions. Copied from [14E]. The calculations that lead to this are made on Page 14.1.
10G	<b>Other Adjustments</b>	This number reflects adjusted production rights, in the event that corrections are needed.
10H	<b>Annual Production Right</b>	Current Year Production Right. [10B] + [10C] + [10D] + [10E] + [10F] + [10G].
10I	<b>Actual Fiscal Year Production</b>	Fiscal year production, including Assignments and Voluntary Agreements, from CBWM's production system (as verified by each Party on their Water Activity Report). Includes a sub note subtracting Desalter production.
10J	<b>Storage and Recover Program(s)</b>	Total exchanges for the period (July 1 - June 30) including MZ1 forbearance and DYY deliveries (as reported to CBWM by IEUA and TVMWD and as verified by each Party on their Water Activity Report). A DYY in-lieu "put" is shown as a positive number and a DYY "take is shown as a negative number.
10K	<b>Total Production and Exchanges</b>	Actual production [10I] <plus> Storage and Recovery exchanges [10J]. Includes a sub note subtracting Desalter production. Also known as Assessable Production.



Assessment Year 2020-2021 (Production Year 2019-2020)

Assessment Package References and Definitions

Column	Title	Description
10L	<b>Net Over-Production - 85/15%</b>	For 85/15 Rule participants: Production rights [10H] <minus> total production and exchanges [10K], equaling less than zero.
10M	<b>Net Over-Production - 100%</b>	For non-85/15 Rule participants: Production rights [10H] <minus> total production and exchanges [10K], equaling less than zero. Includes a sub note subtracting Desalter production.
10N	<b>Under Production Balances - Total Under-Produced</b>	Production rights [10H] <minus> total production and exchanges [10K], equaling more than zero.
10O	<b>Under Production Balances - Carryover: Next Year Begin Bal</b>	Either total under-produced [10N] or share of Operating Safe Yield [10D], whichever is less.
10P	<b>Under Production Balances - To Excess Carryover Account</b>	Total under produced [10N] <minus> Carryover to next year [10O], equaling more than zero.
11A	<b>Excess Carry Over Account (ECO) - Beginning Balance</b>	The beginning balance in each ECO account. This carries forward from the ending balance in the previous period Assessment Package.
11B	<b>Excess Carry Over Account (ECO) - 0.07% Storage Loss</b>	Beginning balance [11A] <times> -0.0007.
11C	<b>Excess Carry Over Account (ECO) - Transfers To / (From)</b>	Total of water transferred to and from ECO and the Annual Account. Also includes Desalter Replenishment Obligation transfers.
11D	<b>Excess Carry Over Account (ECO) - From Supplemental Storage</b>	Total of water transferred to and from Local Supplemental Storage accounts, as shown on Page 12.1.
11E	<b>Excess Carry Over Account (ECO) - From Under-Production</b>	Total of water transferred from the Annual Account due to under production. Copied from [10P].
11F	<b>Excess Carry Over Account (ECO) - Ending Balance</b>	The current balance in each ECO account. [11A] + [11B] + [11C] + [11D] + [11E].
12A	<b>Recharged Recycled Account - Beginning Balance</b>	The beginning balance in each Recharged Recycled Account. This number carries forward from the ending balance in the previous period Assessment Package.
12B	<b>Recharged Recycled Account - 0.07% Storage Loss</b>	Beginning balance [12A] <times> -0.0007.
12C	<b>Recharged Recycled Account - Transfers To / (From)</b>	Total recharged recycled water credited to each Party for the year, as provided by IEUA. Also includes Desalter Replenishment Obligation transfers.
12D	<b>Recharged Recycled Account - Transfer to ECO Account</b>	Total of water transferred to the ECO Account, as shown on Page 11.1.
12E	<b>Recharged Recycled Account - Ending Balance</b>	The current balance in each Recharged Recycled account. [12A] + [12B] + [12C] + [12D].
12F	<b>Quantified (Pre 7/1/2000) Account - Beginning Balance</b>	The beginning balance in each Quantified Supplemental Account. This number carries forward from the ending balance in the previous period Assessment Package.
12G	<b>Quantified (Pre 7/1/2000) Account - 0.07% Storage Loss</b>	Beginning balance [12F] <times> -0.0007.
12H	<b>Quantified (Pre 7/1/2000) Account - Transfers To / (From)</b>	Total of water transferred to and from the Annual Account. Also includes Desalter Replenishment Obligation transfers.
12I	<b>Quantified (Pre 7/1/2000) Account - Transfer to ECO Account</b>	Total of water transferred to the ECO Account, as shown on Page 11.1.



Assessment Year 2020-2021 (Production Year 2019-2020)

Assessment Package References and Definitions

Column	Title	Description
12J	<b>Quantified (Pre 7/1/2000) Account - Ending Balance</b>	The current balance in each Quantified Supplemental account. [12F] + [12G] + [12H] + [12I].
12K	<b>New (Post 7/1/2000) Account - Beginning Balance</b>	The beginning balance in each New Supplemental Account. This number carries forward from the ending balance in the previous period Assessment Package.
12L	<b>New (Post 7/1/2000) Account - 0.07% Storage Loss</b>	Beginning balance [12K] $\times$ -0.0007.
12M	<b>New (Post 7/1/2000) Account - Transfers To / (From)</b>	Total of water transferred to and from the Annual Account. Also includes Desalter Replenishment Obligation transfers.
12N	<b>New (Post 7/1/2000) Account - Transfer to ECO Account</b>	Total of water transferred to the ECO Account, as shown on Page 11.1.
12O	<b>New (Post 7/1/2000) Account - Ending Balance</b>	The current balance in each New Supplemental Account. [12K] + [12L] + [12M] + [12N].
12P	<b>Combined - Ending Balance</b>	The combined amount in all supplemental storage accounts [12E] + [12J] + [12O].
13A	<b>Dedicated Replenishment - Beginning Balance</b>	The beginning balances in each Dedicated Replenishment account. These numbers carry forward from the ending balances in the previous period Assessment Package.
13B	<b>Dedicated Replenishment - Water Purchases</b>	Where applicable, the total of water purchased by each Dedicated Replenishment account.
13C	<b>Dedicated Replenishment - Transfers To</b>	Where applicable, the total of water transferred to each Dedicated Replenishment account. Includes transfers from Exhibit "G" Section 10 Form A, and transfers from the Annual Account.
13D	<b>Dedicated Replenishment - Transfers From</b>	Total of water transferred from each Dedicated Replenishment account. Amounts in this column goes to column [21D] on page 21.1.
13E	<b>Dedicated Replenishment - Ending Balance</b>	The current balances in each Dedicated Replenishment account. [13A] + [13B] + [13C] + [13D].
13F	<b>Storage and Recovery - Beginning Balance</b>	The beginning balance in the Storage and Recovery (DYY) Account. This number carries forward from the ending balance in the previous period Assessment Package.
13G	<b>Storage and Recovery - Storage Loss</b>	Beginning balance [13F] $\times$ -0.0007.
13H	<b>Storage and Recovery - Transfers To</b>	Total of water transferred to the Storage and Recovery Account ("puts").
13I	<b>Storage and Recovery - Transfers From</b>	Total of water transferred from the Storage and Recovery Account ("takes").
13J	<b>Storage and Recovery - Ending Balance</b>	The current balance in the Storage and Recovery Account. [13F] + [13G] + [13H] + [13I].
14A	<b>Water Transactions - Assigned Rights</b>	Total of assigned transactions for this period, including annual water transfers/leases between Appropriators and/or from Appropriators to Watermaster for replenishment purposes, and also the Exhibit "G" physical solution transfers from the Non-Ag Pool.
14B	<b>Water Transactions - General Transfer</b>	Total of water transfers between Parties for this period.
14C	<b>Water Transactions - Transfers (To) / From ECO Account</b>	Total of water transferred between the Annual Account and ECO Account.



Assessment Year 2020-2021 (Production Year 2019-2020)

Assessment Package References and Definitions

Column	Title	Description
14D	<b>Water Transactions - Transfers (To) Desalter Replenishment</b>	Total of water transferred from the ECO Account to the Desalter Replenishment Account.
14E	<b>Water Transactions - Total Water Transactions</b>	Total water transactions. [14A]+ [14B] + [14C] + [14D]. This column is used to populate [10F].
15A	<b>Prior Conversion</b>	Prior Land Use Conversion in acre-feet.
15B	<b>Conversion @ 1.3 af/ac - Acres</b>	Converted parcels in acres at 1.3 acre-feet per acre.
15C	<b>Conversion @ 1.3 af/ac - Acre-Feet</b>	Converted parcels in acre-feet at 1.3 acre-feet per acre. [15B] <times> 1.3.
15D	<b>Total Prior to Peace Agrmt Converted AF</b>	Total Land Use Conversion in acre-feet prior to the Peace Agreement. [15A] + [15C].
15E	<b>Conversion @ 2.0 af/ac - Acres</b>	Converted parcels in acres at 2.0 acre-feet per acre.
15F	<b>Conversion @ 2.0 af/ac - Acre-Feet</b>	Converted parcels in acre-feet at 2.0 acre-feet per acre. [15E] <times> 2.0.
15G	<b>Total Land Use Conversion Acre-Feet</b>	Total Land Use Conversion in acre-feet for each Party. [15D] + [15F].
16A	<b>% Share of Operating Safe Yield</b>	The Party's yearly percentage of Operating Safe Yield. Copied from [10A].
16B	<b>Reallocation of Agricultural Pool Safe Yield - Safe Yield Reduction</b>	The Party's percent share of Operating Safe Yield [16A] multiplied by 5,000.
16C	<b>Reallocation of Agricultural Pool Safe Yield - Land Use Conversions</b>	Total land use conversions claimed on Page 15.1 (as verified by each Party on their Water Activity Report). Copied from [15G].
16D	<b>Reallocation of Agricultural Pool Safe Yield - Early Transfer</b>	The remaining Agricultural Pool Safe Yield (82,800 <minus> Agricultural Pool Production <minus> Safe Yield Reduction <minus> Land Use Conversion) multiplied by percent share of Operating Safe Yield [16A].
16E	<b>Reallocation of Agricultural Pool Safe Yield - Total Ag Pool Reallocation</b>	Each Party's Agricultural Pool Reallocation. [16B] + [16C] + [16D]. This column is used to populate [10E].
17A	<b>Outstanding Obligation (AF)</b>	The amount of obligation carried over from prior Assessment Package(s) that were not met due to various reasons, including but not limited to MWD not having replenishment water available to purchase.
17B	<b>Fund Balance (\$)</b>	The amount of money collected or owed for replenishment assessments from prior Assessment Packages(s).
17C	<b>Outstanding Obligation (\$)</b>	The amount of money that each Party owes or is credited based on current replenishment rate. [17A] <times> [CURRENT RATE] <minus> [17B].
17D	<b>AF Production and Exchanges</b>	Each Party's total production and exchanges. Copied from [10K].
17E	<b>85/15 Producers</b>	The total production and exchanges of 85/15 Producers only.
17F	<b>Percent</b>	The percentage of each 85/15 Producer's total production and exchanges [17E] divided by the sum of [17E].



Assessment Year 2020-2021 (Production Year 2019-2020)

Assessment Package References and Definitions

Column	Title	Description
17G	15%	If an 85/15 Producer, then the 85/15 Producers' total Outstanding Obligation (\$) at 15%, multiplied by their production and exchanges percentage. [17C] total of 85/15 Producers <times> 15% <times> [17F].
17H	85%	If an 85/15 Producer, then the Outstanding Obligation (\$) at 85%.
17I	100%	If not an 85/15 Producer, then the Outstanding Obligation (\$) at 100%.
17J	Total	The total CURO for the year. [17G] + [17H] + [17I].
18A	Desalter Production - Pre-Peace II Desalter Production	Production from the Pre-Peace II Desalter Wells.
18B	Desalter Production - Peace II Desalter Expansion Production	Production from the Peace II Desalter Expansion Wells.
18C	Desalter Production - Total	The combined production from all Desalter Wells. [18A] + [18B].
18D	Desalter Replenishment - Desalter (aka Kaiser) Account PIIA, 6.2 (a)(i)	Credit applied to the total Desalter Production from the Kaiser account.
18E	Desalter Replenishment - Paragraph 31 Settlement Agreements Dedication PIIA, 6.2(a)(ii)	Credit applied to the total Desalter Production from "dedication of water from the Overlying (Non-Agricultural) Pool Storage Account or from any contribution arising from an annual authorized Physical Solution Transfer in accordance with amended Exhibit G to the Judgment."
18F	Desalter Replenishment - "Leave Behind" Losses PIIA, 6.2(a)(iv)	Credit applied to the total Desalter Production from "any declared losses from storage in excess of actual losses enforced as a "Leave Behind"."
18G	Desalter Replenishment - Safe Yield Contributed by Parties PIIA, 6.2(a)(v)	Credit applied to the total Desalter Production from "Safe Yield that may be contributed by the parties."
18H	Desalter Replenishment - Controlled Overdraft / Re-Op, PIIA, 6.2(a)(vi) - Allocation to Pre-Peace II Desalters	The 225,000 AF portion of the 400,000 AF Controlled Overdraft that was originally allocated to the Pre-Peace II Desalter production.
18I	Desalter Replenishment - Controlled Overdraft / Re-Op, PIIA, 6.2(a)(vi) - Allocation to All Desalters	The 175,000 AF portion of the 400,000 AF Controlled Overdraft that was originally allocated to the Peace II Desalter Expansion production but is now allocated to all Desalter production per set schedule.
18J	Desalter Replenishment - Controlled Overdraft / Re-Op, PIIA, 6.2(a)(vi) - Balance	The remaining balance of the 400,000 AF Controlled Overdraft.
18K	Desalter Replenishment - Appropriate Pool DRO Contribution PIIA, 6.2(b)(ii)	The 10,000 AF contribution to the Desalter Replenishment Obligation by the Appropriate Pool.
18L	Desalter Replenishment - Non-Ag OBMP Assessment (10% Haircut) PIIA, 6.2(b)(i)	The 10% of the Non-Agricultural Pool Safe Yield used to offset the total Desalter Replenishment Obligation beginning with production year 2016/2017.
18M	Remaining Desalter Replenishment Obligation PIIA, 6.2(b)(iii)	Total Desalter Production minus Desalter Replenishment. [18C] - [18D] - [18E] - [18F] - [18G] - [18H] - [18I] - [18K] - [18L].
19A	Percent of Operating Safe Yield	The Party's yearly percentage of Operating Safe Yield. Copied from [10A].
19B	Land Use Conversions	Total Land Use Conversion in acre-feet for each Party. Copied from [15G].
19C	Percent of Land Use Conversions	Each Party's pro rata share of Land Use Conversions [19B] from the total of [19B].



Assessment Year 2020-2021 (Production Year 2019-2020)

Assessment Package References and Definitions

Column	Title	Description
19D	<b>85% DROC Based on Percent OSY</b>	Each Party's share of the 10,000 AF Desalter Replenishment Obligation based on OSY. $10,000 \times 0.85 \times [19A]$ .
19E	<b>15% DROC Based on Percent of LUC</b>	Each Party's share of the 10,000 AF Desalter Replenishment Obligation based on Percent of Land Use Conversions. $10,000 \times 0.15 \times [19C]$ .
19F	<b>Total Desalter Replenishment</b>	Each Party's share of the 10,000 AF Desalter Replenishment Obligation. $[19D] + [19E]$ .
20A	<b>Assigned Share of Operating Safe Yield</b>	The Party's yearly volume of Operating Safe Yield. Copied from [10D].
20B	<b>Physical Production Adjustment Calculation - Physical Production</b>	Fiscal year physical production by each Party. Copied from [9A].
20C	<b>Physical Production Adjustment Calculation - 50% of Voluntary Agreements with Ag</b>	Total of water provided to Agricultural Pool Parties multiplied by 50%. $[9B] \times 0.50$ .
20D	<b>Physical Production Adjustment Calculation - Assignments with Non-Ag</b>	Total of water provided to Non-Agricultural Pool Parties. Copied from [9C].
20E	<b>Physical Production Adjustment Calculation - Storage and Recovery Programs</b>	Total exchanges for the period (July 1 - June 30) including MZ1 forbearance and DYY deliveries (as reported to CBWM by IEUA and TVMWD and as verified by each Party on their Water Activity Report). Copied from [10J].
20F	<b>Physical Production Adjustment Calculation - Other Adjustments</b>	Total of water received from, or provided to, another Appropriator. Also includes production off-sets. Copied from [9D] but does not include production adjustments to prevent a negative annual production to a Party.
20G	<b>Physical Production Adjustment Calculation - Total Adjusted Production</b>	Each Party's Adjusted Physical Production. $[20B] + [20C] + [20D] + [20E] + [20F]$ .
20H	<b>RDRO Calculation - Total Production and OSY Basis</b>	The sum of each Party's Adjusted Physical Production and Assigned Share of Operating Safe Yield. $[20A] + [20G]$ .
20I	<b>RDRO Calculation - Percentage</b>	The percentage of each Party's Adjusted Physical Production and Assigned Share of Operating Safe Yield basis. $[20H]$ divided by the sum of $[20H]$ .
20J	<b>RDRO Calculation - Individual Party RDRO</b>	Each Party's pro rata share of the Remaining Desalter Replenishment Obligation. $[20I] \times \text{Total RDRO}$ .
21A	<b>Desalter Replenishment Obligation in AF - Desalter Replenishment Obligation Contribution (DROC)</b>	Each Party's share of the 10,000 AF Desalter Replenishment Obligation Contribution. Copied from [19F].
21B	<b>Desalter Replenishment Obligation in AF - Remaining Desalter Replenishment Obligation (RDRO)</b>	Each Party's pro rata share of the Remaining Desalter Replenishment Obligation. Copied from [20J].
21C	<b>Desalter Replenishment Obligation in AF - Total Desalter Replenishment Obligation</b>	The sum of Desalter Replenishment Obligation Contribution, and Remaining Desalter Replenishment Obligation. $[21A] + [21B]$ .
21D	<b>Total DRO Fulfillment Activity - Transfer from Dedicated Replenishment Account</b>	Total of water transferred from Desalter Dedicated Replenishment Account to satisfy the desalter replenishment obligation.
21E	<b>Total DRO Fulfillment Activity - Transfer from Excess Carry Over Storage Account</b>	Total of water transferred from Excess Carry Over Storage Account to satisfy the desalter replenishment obligation.
21F	<b>Total DRO Fulfillment Activity - Transfer from Recharged Recycled Storage Account</b>	Total of water transferred from Recharged Recycle Storage Account to satisfy the desalter replenishment obligation.
21G	<b>Total DRO Fulfillment Activity - Transfer from Quantified Storage Account</b>	Total of water transferred from Quantified Storage Account to satisfy the desalter replenishment obligation.



Assessment Year 2020-2021 (Production Year 2019-2020)

Assessment Package References and Definitions

Column	Title Description
21H	<b>Total DRO Fulfillment Activity - Transfer from Post 7/1/2000 Storage Account</b> Total of water transferred from Post 7/1/2000 Storage Account to satisfy the desalter replenishment obligation.
21I	<b>Total DRO Fulfillment Activity - Replenishment Water Purchase</b> Total of water purchased to satisfy the desalter replenishment obligation.
21J	<b>Total DRO Fulfillment Activity - Total Transfers and Water Purchases</b> The sum of all transfers and purchases to satisfy the desalter replenishment obligation. [21D] + [21E] + [21F] + [21G] + [21H] + [21I].
21K	<b>Assessments - Residual DRO (AF)</b> Total residual Desalter Replenishment Obligation after transfers and purchases. [21C] + [21J].
21L	<b>Assessments - Assessments Due On Residual DRO (\$)</b> Total assessments due for Desalter Replenishment. [21K] <times> [Current Replenishment Rate]. This column is used to populate [8S].
26A	<b>FY 2016/2017 Water Purchases - Purchased Water in AF - 20160623 - RO</b> The amount of water purchased to satisfy the accumulated replenishment obligation through the end of production year 2014/15. Water was delivered in October 2016.
26B	<b>FY 2016/2017 Water Purchases - Purchased Water in AF - 20160623 - DRO</b> The amount of water purchased to be used towards the Desalter Replenishment Obligation. Water was delivered in October 2016.
26C	<b>FY 2016/2017 Water Purchases - Purchased Water in AF - 20161216 - DRO</b> The amount of water purchased to be used towards the Desalter Replenishment Obligation. Water was delivered in December 2016.
26D	<b>FY 2016/2017 Water Purchases - Purchased Water in AF - 20170418 - RO</b> The amount of water purchased to satisfy production year 2015/16 replenishment obligation. Water was delivered in April 2018.
26E	<b>FY 2016/2017 Water Purchases - Purchased Water in AF - 85/15 Breakdown - AF @ 100%</b> The amount of water purchased subject to 100% RTS rate. This applies to: DRO water; RO water of non-85/15 Pool 3 producers; and RO water of Pool 2 producers. 1) Pool 3, 85/15 Ineligible: [26A] + [26B] + [26C] + [26D]. 2) Pool 3, 85/15 Eligible: [26B] + [26C]. 3) Pool 2: [26A] + [26D].
26F	<b>FY 2016/2017 Water Purchases - Purchased Water in AF - 85/15 Breakdown - AF @ 85/15</b> The amount of water purchased subject to the 85/15 Rule. This applies to RO water of 85/15 Pool 3 producers. 1) Pool 3, 85/15 Eligible: [26A] + [26D].
26G	<b>FY 2016/2017 Water Purchases - Purchased Water in AF - 85/15 Breakdown - AF Total</b> Total water purchased by each Appropriative Pool or Non-Agricultural Pool Party. [26E] + [26F].
26H	<b>FY 2016/2017 Water Purchases - 2015/16 Prod &amp; Exch From 85/15 Producers - Acre-Feet</b> Total production and exchanges of 85/15 Producers from fiscal year 2015/16. This is the basis of the 85/15 Rule for water purchased in fiscal year 2016/17.
26I	<b>FY 2016/2017 Water Purchases - 2015/16 Prod &amp; Exch From 85/15 Producers - Percent</b> The percentage of each 85/15 Producer's total production and exchanges. [26H] divided by the sum of [26H].
26J	<b>FY 2016/2017 Water Purchases - Year 3 RTS Charges - 15%</b> If an 85/15 Producer, then each 85/15 Producer's share of the total RTS charge of 85/15 eligible water. "Total RTS Charge" <divided by> "Total Water Purchased" <times> 0.15 <times> [26F] Total <times> [26I].
26K	<b>FY 2016/2017 Water Purchases - Year 3 RTS Charges - 85%</b> If an 85/15 Producer, then their RTS charge of 85/15 eligible water at 85%. "Total RTS Charge" <divided by> "Total Water Purchased" <times> [26F] <times> 0.85.
26L	<b>FY 2016/2017 Water Purchases - Year 3 RTS Charges - 100%</b> RTS charge on all water not subject to the 85/15 Rule. "Total RTS Charge" <divided by> "Total Water Purchased" <times> [26E].
26M	<b>FY 2017/2018 Water Purchase - Purchased Water in AF - 20171211 - RO</b> The amount of water purchased to satisfy replenishment obligations through the end of production year 2014/15. Water was delivered in December 2017.





Assessment Year 2020-2021 (Production Year 2019-2020)

## Assessment Package References and Definitions

Column	Title	Description
26N	<b>FY 2017/2018 Water Purchase - Purchased Water in AF - 20171211 - DRO</b>	The amount of water purchased to be used towards the Desalter Replenishment Obligation. Water was delivered in December 2017.
26O	<b>FY 2017/2018 Water Purchase - 2016/17 Prod &amp; Exch From 85/15 Producers - Acre-Feet</b>	Total production and exchanges of 85/15 Producers from fiscal year 2016/17. This is the basis of the 85/15 Rule for water purchased in fiscal year 2017/18.
26P	<b>FY 2017/2018 Water Purchase - 2016/17 Prod &amp; Exch From 85/15 Producers - Percent</b>	The percentage of each 85/15 Producer's total production and exchanges. [26O] divided by the sum of [26O].
26Q	<b>FY 2017/2018 Water Purchase - Year 2 RTS Charges - 15%</b>	If an 85/15 Producer, then each 85/15 Producer's share of the total RTS charge of 85/15 eligible water in [26M].
26R	<b>FY 2017/2018 Water Purchase - Year 2 RTS Charges - 85%</b>	If an 85/15 Producer, then their RTS charge of 85/15 eligible water in [26M] at 85%.
26S	<b>FY 2017/2018 Water Purchase - Year 2 RTS Charges - 100%</b>	RTS charge on all water in [26N] and water not subject to the 85/15 Rule in [26M].
26T	<b>TOTAL RTS CHARGES</b>	Total RTS Charge. [26J] + [26K] + [26L] + [26Q] + [26R] + [26S].

## HISTORIC ASSESSMENTS PER ACRE-FOOT OF PRODUCTION

Assessment Year	Agricultural Pool <sup>1</sup> (\$/AF)	Non-Ag Pool (\$/AF)	Appropriative Pool <sup>2</sup> (\$/AF)	Gross Replenishment Water Rate (\$/AF)
77-78	0.29	0.32	0.42	
78-79	0.65	1.29	0.77	51.00
79-80	0.54	0.20	0.51	56.20
80-81	0.32	0.00	0.00	62.51
81-82	0.10	0.00	0.00	63.78
82-83	0.10	0.00	0.00	81.46
83-84	0.10	0.00	0.00	102.18
84-85	0.10	0.00	0.10	154.00
85-86	0.10	0.00	0.45	149.39
86-87	0.10	0.00	0.41	155.10
87-88	0.10	0.00	0.25	155.42
88-89	0.09	0.00	0.67	155.33
89-90	3.27	0.00	0.48	115.00
90-91	2.31	0.00	0.43	117.55
91-92	3.53	0.12	0.11	132.55
92-93	7.03	4.07	3.41	169.89
93-94	12.37	6.67	2.51	210.69
94-95	9.86	3.24	2.06	222.00
95-96	11.68	3.43	1.57	233.15
96-97	19.70	7.55	3.69	233.15
97-98	15.19	6.56	2.73	237.15
98-99	19.04	9.85	7.77	243.00
99-00	26.30	14.12	11.75	243.00
00-01	18.15	25.79	24.74	242.00
01-02	34.37	29.93	25.42	243.00
02-03	35.69	26.72	21.35	244.00
03-04	34.10	25.39	22.90	244.00
04-05	26.15	25.43	25.43	250.00
05-06	19.91	27.94	27.94	251.00
06-07	28.23	40.72	40.72	251.00
07-08	29.76	36.30	36.30	257.00
08-09	29.93	50.24	50.24	309.00
09-10	32.50	51.21	51.21	380.00
10-11	30.90	49.41	49.41	541.00
11-12	29.93	49.14	49.14	574.00
12-13	35.88	50.60	50.60	607.00
13-14	28.79	40.39	40.39	608.00
14-15	27.71	40.49	40.49	610.00
15-16	30.24	57.54	57.54	611.00
16-17	25.96	56.18	56.18	596.00
17-18	34.40	71.63	71.63	668.00
18-19	38.01	72.57	72.57	697.00
19-20	26.78	74.99	74.99	743.00
20-21	29.38	82.00	82.00	767.00

<sup>1</sup> \$/AF of water reallocated to the Appropriative Pool.

<sup>2</sup> Excludes amounts related to the debt service of the Recharge Improvement Project, and supplemental and replenishment water purchases.

## SUMMARY BUDGET FISCAL YEAR 2019-20

	FY 18-19		FY 19-20		Amended vs. Amended
	Approved Budget	Amended Budget	Approved Budget	Amended Budget	
4000 Mutual Agency Revenue	\$ 167,712	\$ 167,712	\$ 171,906	\$ 171,906	\$ 4,194
4110 Appropriative Pool Assessments	8,301,750	8,306,750	8,000,731	8,100,731	(206,019)
4120 Non-Agricultural Pool Assessments	353,795	388,795	364,566	364,566	(24,229)
4730 Prorated Interest Income	63,968	63,968	75,124	75,124	11,156
4900 Miscellaneous Income	-	-	-	-	-
<b>Total Income</b>	<b>8,887,225</b>	<b>8,927,225</b>	<b>8,612,327</b>	<b>8,712,327</b>	<b>(214,898)</b>
<b>Administrative Expenses</b>					
6010 Salary Costs	1,062,695	1,062,695	1,155,864	1,155,864	93,169
6020 Office Building Expense	112,399	112,399	117,379	117,379	4,980
6030 Office Supplies & Equip.	40,850	40,850	72,750	72,750	31,900
6040 Postage & Printing Costs	47,142	47,142	47,142	47,142	-
6050 Information Services	163,656	163,656	169,656	169,656	6,000
6060 WM Special Contract Services	37,625	37,625	44,300	44,300	6,675
6070 Watermaster Legal Services	156,015	156,015	266,115	266,115	110,100
6080 Insurance Expense	30,315	30,315	43,426	43,426	13,111
6110 Dues and Subscriptions	34,590	34,590	36,792	36,792	2,202
6150 Field Supplies & Equipment	1,550	1,550	2,550	2,550	1,000
6170 Travel & Transportation	24,170	24,170	65,170	65,170	41,000
6190 Conferences & Seminars	37,857	37,857	37,857	37,857	-
6200 Advisory Committee Expenses	47,539	47,539	49,680	49,680	2,141
6300 Watermaster Board Expenses	178,980	178,980	184,467	184,467	5,487
8300 Appropriative Pool Administration	140,552	145,552	168,609	268,609	123,057
8400 Agricultural Pool Administration	374,654	374,654	472,313	472,313	97,659
8500 Non-Agricultural Pool Administration	109,837	144,837	127,951	127,951	(16,886)
9400 Depreciation Expense	-	-	-	-	-
9500 Allocated G&A Expenditures	(419,223)	(419,223)	(476,762)	(476,762)	(57,539)
<b>Total Administrative Expenses</b>	<b>2,181,203</b>	<b>2,221,203</b>	<b>2,585,259</b>	<b>2,685,259</b>	<b>464,056</b>
<b>General OBMP Expenditures</b>					
6900 Optimum Basin Mgmt Program	2,152,735	2,152,735	1,957,015	2,182,515	29,780
6950 Cooperative Efforts	-	-	-	-	-
9501 Allocated G&A Expenditures	120,532	120,532	126,325	126,325	5,793
<b>Total General OBMP Expenses</b>	<b>2,273,267</b>	<b>2,273,267</b>	<b>2,083,340</b>	<b>2,308,840</b>	<b>35,573</b>
<b>OBMP Implementation Projects</b>					
7101 Production Monitoring	64,875	64,875	78,073	78,073	13,198
7102 In-Line Meter Installation/Maintenance	380,107	380,107	21,378	21,378	(358,729)
7103 Groundwater Quality Monitoring	324,329	324,329	359,100	359,100	34,771
7104 Groundwater Level Monitoring	333,553	333,553	284,537	284,537	(49,016)
7105 Recharge Basin Water Quality Monitoring	-	-	-	-	-
7107 Ground Level Monitoring	321,499	321,499	294,451	333,683	12,184
7108 Hydraulic Control Monitoring Program	120,704	120,704	135,837	135,837	15,133
7109 Recharge & Well Monitoring Program	25,248	25,248	25,260	25,260	12
7200 OBMP Pgm Element 2 - Comp Recharge	1,334,437	1,334,437	1,425,415	1,425,415	90,978
7300 OBMP Pgm Element 3 & 5 - Water Supply Plan - Desalter	32,934	32,934	34,374	34,374	1,440
7400 OBMP Pgm Element 4 - Mgmt Zone Strategies	300,467	300,467	131,577	328,338	27,871
7500 OBMP Pgm Element 6 & 7 - Coop Efforts/Salt Mgmt	187,778	187,778	146,182	223,318	35,540
7600 OBMP Pgm Element 8 & 9 Storage Mgmt/Conj Use	127,048	127,048	23,168	23,168	(103,880)
7700 Inactive Well Protection Program	500	500	500	500	-
7690 Recharge Improvement Debt Projects	580,585	580,585	633,440	633,440	52,855
9502 Allocated G&A Expenditures	298,691	298,691	350,437	350,437	51,746
<b>Total OBMP Implementation Projects</b>	<b>4,432,755</b>	<b>4,432,755</b>	<b>3,943,729</b>	<b>4,256,857</b>	<b>(175,897)</b>
<b>Total Expenses</b>	<b>8,887,225</b>	<b>8,927,225</b>	<b>8,612,327</b>	<b>9,250,956</b>	<b>323,731</b>
<b>Net Ordinary Income</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(538,629)</b>	<b>(538,629)</b>
<b>9900 To / From Reserves</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(538,629)</b>	<b>(538,629)</b>
<b>Net Other Income</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>538,629</b>	<b>538,629</b>
<b>Net Income</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

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## **Chino Basin Watermaster**

### **Annual Financial Report**

**For the Fiscal Years Ended June 30, 2020 and 2019**

## Our Mission Statement

*“To manage the Chino Groundwater Basin in the most beneficial manner and to equitably administer and enforce the provisions of the Chino Basin Watermaster Judgment”*

<u>Pools</u>	<u>Name</u>	<u>Title</u>	<u>Current Term</u>
Agricultural	Jeff Pierson	Chair	Ongoing <sup>1</sup>
Agricultural	Paul Hofer	Member	Ongoing <sup>1</sup>
Non-Agricultural	Robert Bowcock	Member	Ongoing <sup>1</sup>
Appropriative	James Curatalo	Vice-Chair	January 2022 <sup>1,2</sup>
Appropriative	Victor Preciado	Member	January 2021 <sup>1,2</sup>
Appropriative	Peter Rogers	Member	January 2022 <sup>1,2</sup>
Municipal	Bob G. Kuhn	Secretary/Treasurer	Ongoing <sup>1</sup>
Municipal	Steve Elie	Member	Ongoing <sup>1</sup>
Municipal	Donald D. Galleano	Member	Ongoing <sup>1</sup>

<sup>1</sup> The Watermaster Board serves at the direction of Judge Reichert and was re-appointed for a five-year term, effective January 2019 through December, 2023 (Board approval on November 15, 2018).

<sup>2</sup> The Appropriative Pool’s rotation sequence for Board membership effective January 2019 was approved by the Appropriative Pool on November 17, 2015.

**Chino Basin Watermaster  
Peter Kavounas PE, General Manager  
9641 San Bernardino Road  
Rancho Cucamonga, California 91730  
(909) 484-3888 – [www.cbwm.org](http://www.cbwm.org)**

**Chino Basin Watermaster**  
**Annual Financial Report**  
**For the Fiscal Years Ended June 30, 2020 and 2019**



**Chino Basin Watermaster  
Annual Financial Report  
For the Fiscal Years Ended June 30, 2020 and 2019**

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# **Introductory Section**



October 22, 2020

Board of Directors  
Chino Basin Watermaster

## **Introduction**

It is our pleasure to submit the Annual Financial Report for the Chino Basin Watermaster (Watermaster) for the fiscal years ended June 30, 2020 and 2019, following guidelines set forth by the Governmental Accounting Standards Board. The Watermaster is ultimately responsible for both the accuracy of the data and the completeness and the fairness of presentation, including all disclosures in this financial report. We believe that the data presented is accurate in all material respects. This report is designed in a manner that we believe necessary to enhance your understanding of the Watermaster's financial position and activities.

This report is organized into three sections: (1) Introductory, (2) Financial, and (3) Supplemental. The Introductory section offers general information about the Watermaster's organization and current Watermaster activities and reports on a summary of significant financial results. The Financial section includes the Independent Auditor's Report, Management's Discussion and Analysis of the Watermaster's basic financial statements, and the Watermaster's audited basic financial statements with accompanying notes. The Supplemental section includes combining revenue and expense schedules.

Generally Accepted Accounting Principles (GAAP) requires that management provide a narrative introduction, overview and analysis to accompany the financial statements in the form of the Management's Discussion and Analysis (MD&A) section. This letter of transmittal is designed to complement the MD&A and should be read in conjunction with it. The Watermaster's MD&A can be found immediately after the Independent Auditor's Report.

## **Watermaster Structure and Leadership**

The Chino Basin Watermaster ("Watermaster") was established under a judgment entered in Superior Court of the State of California for the County of San Bernardino as a result of Case No. RCVRS 51010 (formerly Case No. SCV 164327) entitled "Chino Basin Municipal Water District v. City of Chino, et al.", signed by the Honorable Judge Howard B. Weiner on January 27, 1978. The effective date of this Judgment for accounting and operations was July 1, 1977. Under the Judgment, three Pool committees were formed: (1) Overlying (Agricultural) Pool which includes the State of California and all producers of water for overlying uses other than industrial or commercial purposes; (2) Overlying (Non-Agricultural) Pool which represents producers of water for overlying industrial or commercial purposes; and (3) Appropriative Pool which represents cities, special districts, other public or private entities and utilities. The three Pools act together to form the "Advisory Committee". Pursuant to the Judgment, the Chino Basin Municipal Water District (CBMWD) five-member Board of Directors was initially appointed as "Watermaster". Pursuant to a recommendation of the Advisory Committee, the Honorable J. Michael Gunn appointed a nine-member board as Watermaster on February 19, 1998.

The General Manager administers the day-to-day operations of the Watermaster in accordance with policies and procedures established by the Board of Directors. The Watermaster staff includes ten regular, full-time employees. The Watermaster's three Pools, the Advisory Committee, and the Board of Directors meet each month.

### **Watermaster Mission and Services**

Chino Basin Watermaster's mission is "To manage the Chino Groundwater Basin in the most beneficial manner and to equitably administer and enforce the provisions of the Chino Basin Watermaster Judgment", Case No. RCVRS 51010 (formerly Case No. SCV 164327). The Watermaster provides the Chino Groundwater Basin service area with services which primarily include: accounting for water appropriations and components of acre footage of stored water by agency, purchase of replenishment water, groundwater monitoring and implementation of special projects. The Watermaster is progressively and actively implementing the Basin's Optimum Basin Management Program (OBMP) which includes extensive monitoring, further developing recharge capabilities, storage and recovery projects, managing salt loads, developing new yield such as reclaimed and storm water recharge and continuing to work with other agencies and entities to enhance this significant natural resource. In 2019, Watermaster started the effort to update the OBMP which was originally adopted in 2000. The updated OBMP will provide a foundation for the next 20 years to enhance Basin water supplies, to protect and enhance water quality, and enhance Basin management. After an intensive stakeholder engagement process, Watermaster is expected to adopt the 2020 OBMP in Fall 2020.

Watermaster expenditures are allocated to the pools based on the prior year's production volume (or the same percentage used to set the annual assessments).

### **Economic Condition and Outlook**

The Watermaster's office is located in the City of Rancho Cucamonga in San Bernardino County which has experienced tempered economic growth within the region. The economic outlook for the Southern California region is one of cautious growth.

### **Internal Control Structure**

Watermaster management is responsible for the establishment and maintenance of the internal control structure that ensures the assets of the Watermaster are protected from loss, theft or misuse. The internal control structure also ensures adequate accounting data that is compiled to allow for the preparation of financial statements in conformity with generally accepted accounting principles. The Watermaster's internal control structure is designed to provide reasonable assurance that these objectives are met. The concept of reasonable assurance recognizes that (1) the cost of a control should not exceed the benefits likely to be derived, and (2) the valuation of costs and benefits requires estimates and judgments by management.

### **Budgetary Control**

The Advisory Committee annually approves, and the Board of Directors annually adopts an operating budget prior to the new fiscal year. The budget authorizes and provides the basis for reporting and control of financial operations and accountability for the Watermaster's enterprise operations. The budget and reporting treatment applied to the Watermaster is consistent with the accrual basis of accounting and the financial statement basis.

### **Investment Policy**

The Board of Directors has adopted an investment policy that conforms to state law, Watermaster's ordinance and resolutions, prudent money management, and the "prudent person" standards. The objectives of the Investment Policy are safety, liquidity and yield. Watermaster funds are invested in the State Treasurer's Local Agency Investment Fund and an institutional checking account.

### **Water Rates and Watermaster Revenues**

The Judgment prescribes Watermaster's authority and specifies classes of water production assessments to be used to fund certain activities. Those assessment categories are: Administration, Optimum Basin Management Program, Special Projects and Replenishment. Each class of assessment has a prescribed purpose and water production base. Assessment revenue is Watermaster's principal source of income.

### **Audit and Financial Reporting**

State Law requires the Watermaster to obtain an annual audit of its financial statements by an independent certified public accountant. The accounting firm of Fedak & Brown LLP has conducted the audit of the Watermaster's financial statements. Their unmodified Independent Auditor's Report appears in the Financial Section.


### **Other References**

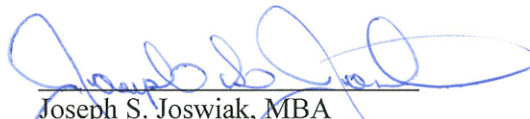
More information is contained in the Management's Discussion and Analysis and the Notes to the Basic Financial Statements found in the Financial Section of the report.

### **Acknowledgements**

Preparation of this report was accomplished by the combined efforts of Watermaster staff. We appreciate the dedicated efforts and professionalism that these staff members contribute to the Watermaster. We would also like to thank the members of the Board of Directors for their continued support in planning and implementation of the Chino Basin Watermaster's fiscal policies.

Respectfully submitted,

  
Peter Kavounas, P.E.  
General Manager

  
Joseph S. Joswiak, MBA  
Chief Financial Officer

# **Financial Section**



Charles Z. Fedak, CPA, MBA  
Christopher J. Brown, CPA, CGMA  
Andy Beck, CPA

**Fedak & Brown LLP**  
Certified Public Accountants

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**Independent Auditor's Report**

Board of Directors  
Chino Basin Watermaster  
Rancho Cucamonga, California

**Report on the Financial Statements**

We have audited the accompanying financial statements of Chino Basin Watermaster (Watermaster) as of and for the years ended June 30, 2020 and 2019, and the related notes to the financial statements, which collectively comprise the Watermaster's basic financial statements as listed in the table of contents.

***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 and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audits 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 accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

***Opinion***

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Watermaster, as of June 30, 2020 and 2019, and the respective changes in financial position, and, where applicable, cash flows thereof for the years then ended in accordance with accounting principles generally accepted in the United States of America.



## **Independent Auditor's Report, continued**

### ***Other Matters***

#### *Required Supplementary Information*

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 7 through 11 and the required supplementary information on pages 44 through 47 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquires of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquires, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### ***Other Information***

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the Watermaster's basic financial statements. The introductory section on pages 1 through 3 and combining schedule of revenue, expenses and changes in net position on pages 48 and 49, is presented for purposes of additional analysis and are not a required part of the basic financial statements.

The combining schedule of revenue, expenses and changes in net position are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the combining schedules of revenue, expenses and changes in net position are fairly stated in all material respects in relation to the basic financial statements as a whole.

The introductory section 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 them.

**Independent Auditor's Report, continued**

**Other Reporting Required by *Government Auditing Standards***

In accordance with Government Auditing Standards, we have also issued our report dated October 22, 2020, on our consideration of the Watermaster's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering the Watermaster's internal control over financial reporting and compliance. This report can be found on pages 50 and 51.

*Fedak & Brown LLP*

**Fedak & Brown LLP**

Cypress, California

October 22, 2020

**Chino Basin Watermaster**  
**Management's Discussion and Analysis**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

The following Management's Discussion and Analysis (MD&A) of activities and financial performance of the Chino Basin Watermaster (Watermaster) provides an introduction to the financial statements of the Watermaster for the fiscal years ended June 30, 2020 and 2019. We encourage readers to consider the information presented here with additional information that we have furnished in conjunction with the transmittal letter in the Introductory Section and with the accompanying basic financial statements and related notes, which follow this section.

**Financial Highlights**

- In 2020, the Watermaster's net position decreased by 3.21% or \$262,123 to \$7,893,099 as a result of ongoing operations. In 2019, the Watermaster's net position decreased by 16.51% or \$1,612,215 to \$8,155,222 as a result of ongoing operations.
- In 2020, the Watermaster's operating revenues increased by 8.33% or \$815,337 to \$10,601,181. The Watermaster's operating revenues decreased by 0.36% or \$35,823 to \$9,785,844, in 2019.
- In 2020, the Watermaster's non-operating revenues decreased by 20.87% or \$57,469 to \$217,925. The Watermaster's non-operating revenues increased by 77.97% or \$120,650 to \$275,394, in 2019.
- In 2020, the Watermaster's operating expenses decreased 7.54% or \$874,409 to \$10,725,488. The Watermaster's operating expenses increased by 27.01% or \$2,466,699 to \$11,599,897, in 2019.
- In 2020, the Watermaster's non-operating expenses increased 481.43% or \$277,942 to \$335,674. The Watermaster's non-operating expenses decreased by 26.36% or \$20,655 to \$57,732, in 2019.

**Required Financial Statements**

This annual report consists of a series of financial statements. The Statements of Net Position, Statements of Revenues, Expenses, and Changes in Net Position and Statements of Cash Flows provide information about the activities and performance of the Watermaster using accounting methods similar to those used by private sector companies.

The Statements of Net Position includes all of the Watermaster's investments in resources (assets), deferred outflows of resources, obligations to creditors (liabilities), and deferred inflows of resources. It also provides the basis for computing a rate of return, evaluating the capital structure of the Watermaster and assessing the liquidity and financial flexibility of the Watermaster. All of the current year's revenue and expenses are accounted for in the Statements of Revenues, Expenses, and Changes in Net Position. This statement measures the success of the Watermaster's operations over the past year and can be used to determine if the Watermaster has successfully recovered all of its costs through its rates and other charges. This statement can also be used to evaluate profitability and credit worthiness. The final required financial statement is the Statement of Cash Flows, which provides information about the Watermaster's cash receipts and cash payments during the reporting period. The Statement of Cash Flows reports cash receipts, cash payments and net changes in cash resulting from operations, investing, non-capital financing, and capital and related financing activities and provides answers to such questions as where did cash come from, what was cash used for, and what was the change in cash balance during the reporting period.

**Financial Analysis of the Watermaster**

One of the most important questions asked about the Watermaster's finances is, "Is the Watermaster better off or worse off as a result of this year's activities?" The Statements of Net Position and the Statements of Revenues, Expenses and Changes in Net Position report information about the Watermaster in a way that helps answer this question.

**Chino Basin Watermaster**  
**Management's Discussion and Analysis, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**Financial Analysis of the Watermaster, continued**

These statements include all assets, deferred outflows of resources, liabilities, and deferred inflows of resources using the *accrual basis of accounting*, which is similar to the accounting method used by most private sector companies. All of the current year's revenues and expenses are taken into account regardless of when the cash is received or paid.

These two statements report the Watermaster's *net position* and changes in them. You can think of the Watermaster's net position – the difference between assets, deferred outflow of resources, and liabilities and deferred inflows of resources – as one way to measure the Watermaster's financial health, or *financial position*. Over time, *increases or decreases* in an organization's net position is one indicator of whether its *financial health* is improving or deteriorating. However, one will need to consider other non-financial factors such as changes in economic conditions, population growth, zoning, and new or changed government legislation, such as changes in federal and state water quality standards. Watermaster is funded on a year-by-year basis through a Court-mandated process.

**Notes to the Basic Financial Statements**

The notes provide additional information that is essential to a full understanding of the data provided in the basic financial statements. The notes to the basic financial statements can be found on pages 16 through 43.

**Statements of Net Position**

	<b>Condensed Statements of Net Position</b>				
	<u>2020</u>	<u>2019</u>	<u>Change</u>	<u>2018</u>	<u>Change</u>
<b>Assets:</b>					
Current assets	\$ 10,250,006	10,340,912	(90,906)	11,736,601	(1,395,689)
Capital assets, net	88,478	68,106	20,372	43,558	24,548
Total assets	<u>10,338,484</u>	<u>10,409,018</u>	<u>(70,534)</u>	<u>11,780,159</u>	<u>(1,371,141)</u>
<b>Deferred outflows of resources</b>	<u>384,196</u>	<u>337,794</u>	<u>46,402</u>	<u>478,980</u>	<u>(141,186)</u>
<b>Liabilities:</b>					
Current liabilities	831,198	866,133	(34,935)	755,892	110,241
Non-current liabilities	1,973,821	1,715,597	258,225	1,693,678	21,919
Total liabilities	<u>2,805,019</u>	<u>2,581,729</u>	<u>223,290</u>	<u>2,449,570</u>	<u>132,159</u>
<b>Deferred inflows of resources</b>	<u>24,562</u>	<u>9,861</u>	<u>14,701</u>	<u>42,132</u>	<u>(32,271)</u>
<b>Net position:</b>					
Net investment in capital assets	88,478	68,106	20,372	43,558	24,548
Restricted	845	845	-	845	-
Unrestricted	<u>7,803,776</u>	<u>8,086,271</u>	<u>(282,495)</u>	<u>9,723,034</u>	<u>(1,636,763)</u>
<b>Total net position</b>	<u>\$ 7,893,099</u>	<u>8,155,222</u>	<u>(262,123)</u>	<u>9,767,437</u>	<u>(1,612,215)</u>

As noted earlier, net position may serve over time as a useful indicator of an organization's financial position. In the case of the Watermaster, assets and deferred outflows of resources exceeded liabilities and deferred inflows of resources by \$7,893,099 and \$8,155,222 as of June 30, 2020 and 2019, respectively.

Compared to prior year, net position of the Watermaster decreased 3.21% or \$262,123. The Watermaster's total net position is made up of three components: (1) Net investment in capital assets, (2) restricted net position, and (3) unrestricted net position.

**Chino Basin Watermaster**  
**Management's Discussion and Analysis, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**Statements of Net Position, continued**

A portion of the Watermaster's net position, 1.12% or 0.84% as of June 30, 2020 and 2019, respectively, reflects the Watermaster's investment in capital assets (net of accumulated depreciation) less any related debt (where applicable) used to acquire those assets that is still outstanding. The Watermaster uses these capital assets to provide services to customers within the Watermaster's service area; consequently, these assets are not available for future spending.

At the end of fiscal years 2020 and 2019, the Watermaster reflected a positive balance in its unrestricted net position of \$7,803,776 and \$8,086,271, respectively, that may be utilized in future years. See note 11 for further discussion.

**Statements of Revenues, Expenses and Changes in Net Position**

**Condensed Statements of Revenues, Expenses and Changes in Net Position**

	<u>2020</u>	<u>2019</u>	<u>Change</u>	<u>2018</u>	<u>Change</u>
Revenues:					
Operating revenues	\$ 10,601,181	9,785,844	815,337	9,821,667	(35,823)
Non-operating revenues	217,925	275,394	(57,469)	154,744	120,650
<b>Total revenues</b>	<u>10,819,106</u>	<u>10,061,238</u>	<u>757,868</u>	<u>9,976,411</u>	<u>84,827</u>
Expenses:					
Operating expenses	10,725,488	11,599,897	(874,409)	9,133,198	2,466,699
Depreciation	20,067	15,824	4,243	10,057	5,767
Non-operating expenses	335,674	57,732	277,942	78,397	(20,665)
<b>Total expenses</b>	<u>11,081,229</u>	<u>11,673,453</u>	<u>(592,224)</u>	<u>9,221,652</u>	<u>2,451,801</u>
<b>Change in net position</b>	<u>(262,123)</u>	<u>(1,612,215)</u>	<u>1,350,092</u>	<u>754,759</u>	<u>(2,366,974)</u>
<b>Net position, beginning of period, as previously stated</b>	8,155,222	9,767,437	(1,612,215)	8,715,929	1,051,508
<b>Prior period adjustment (note 10)</b>	-	-	-	296,749	(296,749)
<b>Net position, beginning of period, as restated</b>	<u>8,155,222</u>	<u>9,767,437</u>	<u>(1,612,215)</u>	<u>9,012,678</u>	<u>754,759</u>
<b>Net position, end of period</b>	<u>\$ 7,893,099</u>	<u>8,155,222</u>	<u>(262,123)</u>	<u>9,767,437</u>	<u>(1,612,215)</u>

The statements of revenues, expenses and changes of net position show how the Watermaster's net position changed during the fiscal years. In the case of the Watermaster, net position decreased 3.21% or \$262,123 to \$7,893,099 as a result of ongoing operations for the year ended June 30, 2020; and net position decreased 16.51% or \$1,612,215 to \$8,155,222 as a result of ongoing operations for the year ended June 30, 2019.

A closer examination of the sources of changes in net position reveals that:

In 2020, the Watermaster's total revenues increased 7.53% or \$757,868 to \$10,819,106. The Watermaster's operating revenues increased 8.33% or \$815,337 to \$10,601,181, due primarily to an increase of \$869,133 in replenishment water revenue, which was offset by a decrease of \$60,399 in administrative assessments. The Watermaster's non-operating revenues decreased 20.87% or \$57,649 to \$217,925, due to a decrease in investment earnings.

**Chino Basin Watermaster**  
**Management's Discussion and Analysis, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**Statements of Revenues, Expenses and Changes in Net Position, continued**

In 2019, the Watermaster's total revenues increased 0.85% or \$84,827 to \$10,061,238. The Watermaster's operating revenues decreased 0.36% or \$35,823 to \$9,785,844, due primarily to a decrease of \$77,055 in administrative assessments, which was offset by an increase of \$68,721 in replenishment water revenue. The Watermaster's non-operating revenues increased 77.97% or \$120,650 to \$275,394, due to an increase in investment earnings.

In 2020, the Watermaster's total expenses decreased 5.07% or \$592,224 to \$11,081,229. The Watermaster's operating expenses decreased 7.54% or \$874,409 to \$10,725,488, due primarily to a decrease of \$3,106,511 in optimum basin management plan, which was offset by increases of \$1,500,832 in groundwater replenishment and other water purchases, \$412,021 in watermaster administration, and \$319,249 in pool, advisory, and board administration. The Watermaster's non-operating expenses increased 484.43% or \$277,942 to \$335,674, due to an increase in reverse distribution.

In 2019, the Watermaster's total expenses increased 26.59% or \$2,451,801 to \$11,673,453. The Watermaster's operating expenses increased 27.01% or \$2,466,699 to \$11,599,897, due primarily to increases of \$2,133,351 in optimum basin management plan and \$373,454 in Watermaster administration. The Watermaster's non-operating expenses decreased 26.36% or \$20,665 to \$57,732, due to a decrease in reverse distribution.

**Capital Asset Administration**

At the end of fiscal year 2020 and 2019, the Watermaster's investment in capital assets amounted to \$88,478 and \$68,106 (net of accumulated depreciation), respectively. This investment in capital assets includes leasehold improvements, office equipment, and vehicles. The capital assets of the Watermaster are more fully analyzed in note 3 to the basic financial statements.

Changes in capital assets in 2020 were as follows:

	<u>Balance 2019</u>	<u>Additions</u>	<u>Disposals/ Transfers</u>	<u>Balance 2020</u>
Capital assets:				
Depreciable assets	\$ 315,073	40,440	(20,352)	335,161
Accumulated depreciation	(246,967)	(20,068)	20,352	(246,683)
Total capital assets	<u>\$ 68,106</u>	<u>20,372</u>	<u>-</u>	<u>88,478</u>

Changes in capital assets in 2019 were as follows:

	<u>Balance 2018</u>	<u>Additions</u>	<u>Disposals/ Transfers</u>	<u>Balance 2019</u>
Capital assets:				
Depreciable assets	\$ 274,700	40,373	-	315,073
Accumulated depreciation	(231,142)	(15,825)	-	(246,967)
Total capital assets	<u>\$ 43,558</u>	<u>24,548</u>	<u>-</u>	<u>68,106</u>

**Chino Basin Watermaster**  
*Management's Discussion and Analysis, continued*  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**Conditions Affecting Current Financial Position**

Management is unaware of any conditions which could have a significant impact on the Watermaster's current financial position, net assets or operating results based on past, present and future events.

**Requests for Information**

This financial report is designed to provide the Watermaster's present users, including funding sources, customers, stakeholders and other interested parties with a general overview of the Watermaster's finances and to demonstrate Watermaster's accountability with an overview of Watermaster's financial operations and financial condition. Should the reader have questions regarding the information included in this report or wish to request additional financial information, please contact the Watermaster's Chief Financial Officer, Joseph S. Joswiak, at Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, CA 91730 or (909) 484-3888.



# **Basic Financial Statements**

**Chino Basin Watermaster  
Statements of Net Position  
June 30, 2020 and 2019**

	<b>2020</b>	<b>2019</b>
<b>Current assets:</b>		
Cash and cash equivalents (note 2)	\$ 9,602,443	9,855,150
Cash and cash equivalents - restricted (note 2)	845	845
Accounts receivable	204,138	66,992
Accrued interest receivable	36,163	67,991
Prepaid expenses and other current assets	406,417	349,934
Total current assets	10,250,006	10,340,912
<b>Non-current assets:</b>		
Capital assets, net (note 3)	88,478	68,106
Total non-current assets	88,478	68,106
<b>Total assets</b>	<b>10,338,484</b>	<b>10,409,018</b>
<b>Deferred outflows of resources:</b>		
Deferred outflows of resources (notes 4 and 9)	384,196	337,794
<b>Total deferred outflows of resources</b>	<b>384,196</b>	<b>337,794</b>
<b>Current liabilities:</b>		
Accounts payable and accrued expenses	642,163	705,637
Accrued salaries and benefits	55,639	44,957
Long-term liabilities – due within one year:		
Compensated absences (note 5)	133,396	115,539
Total current liabilities	831,198	866,133
<b>Non-current liabilities:</b>		
Long-term liabilities – due in more than one year:		
Compensated absences (note 5)	247,735	214,572
Total OPEB liability (note 6)	254,785	214,783
Net pension liability (note 9)	1,308,658	1,188,162
Employee compensation plan (note 8)	162,643	98,080
Total non-current liabilities	1,973,821	1,715,597
<b>Total liabilities</b>	<b>2,805,019</b>	<b>2,581,729</b>
<b>Deferred inflows of resources:</b>		
Deferred inflows of resources (notes 4 and 9)	24,562	9,861
<b>Total deferred inflows of resources</b>	<b>24,562</b>	<b>9,861</b>
<b>Net Position: (note 11)</b>		
Net investment in capital assets	88,478	68,106
Restricted	845	845
Unrestricted	7,803,776	8,086,271
<b>Total net position</b>	<b>\$ 7,893,099</b>	<b>8,155,222</b>

See accompanying notes to the basic financial statements

**Chino Basin Watermaster**  
**Statements of Revenues, Expenses, and Changes in Net Position**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

	<b>2020</b>	<b>2019</b>
<b>Operating revenues:</b>		
Administrative assessments	\$ 8,630,373	8,690,772
Replenishment water revenue	1,796,372	927,239
Other revenue	174,436	167,833
Total operating revenue	10,601,181	9,785,844
<b>Operating expenses:</b>		
Groundwater replenishment and other water purchases	2,119,942	619,110
Optimum basin management plan	4,672,712	7,779,223
Watermaster administration	2,839,448	2,427,427
Pool, advisory, and board administration	1,093,386	774,137
Total operating expense	10,725,488	11,599,897
Operating loss before depreciation	(124,307)	(1,814,053)
Depreciation expense	(20,067)	(15,824)
<b>Operating loss</b>	(144,374)	(1,829,877)
<b>Non-operating revenue (expense):</b>		
Reserve distribution	(335,674)	(57,732)
Investment earnings	217,925	275,394
Total non-operating revenue, net	(117,749)	217,662
<b>Change in net position</b>	(262,123)	(1,612,215)
<b>Net position, beginning of period</b>	8,155,222	9,767,437
<b>Net position, end of period</b>	\$ 7,893,099	8,155,222

See accompanying notes to the basic financial statements

**Chino Basin Watermaster  
Statements of Cash Flows  
For the Fiscal Years Ended June 30, 2020 and 2019**

	<u>2020</u>	<u>2019</u>
<b>Cash flows from operating activities:</b>		
Cash received from stakeholders	\$ 10,464,035	9,781,139
Cash paid to employees for salaries and wages	(1,286,506)	(1,244,207)
Cash paid to vendors and suppliers for materials and services	<u>(9,303,876)</u>	<u>(10,420,828)</u>
<b>Net cash used in operating activities</b>	<u>(126,347)</u>	<u>(1,883,896)</u>
<b>Cash flows from non-capital financing activities:</b>		
Payments for non-operating expenses	<u>(335,674)</u>	<u>(57,732)</u>
<b>Net cash used in non-capital financing activities</b>	<u>(335,674)</u>	<u>(57,732)</u>
<b>Cash flows from capital financing activities:</b>		
Acquisition of capital assets	<u>(40,439)</u>	<u>(40,372)</u>
<b>Net cash used in capital financing activities</b>	<u>(40,439)</u>	<u>(40,372)</u>
<b>Cash flows from investing activities:</b>		
Investment earnings received	<u>249,753</u>	<u>264,832</u>
<b>Net cash provided by investing activities</b>	<u>249,753</u>	<u>264,832</u>
<b>Net decrease in cash and cash equivalents</b>	(252,707)	(1,717,168)
<b>Cash and cash equivalents at the beginning of year</b>	<u>9,855,995</u>	<u>11,573,163</u>
<b>Cash and cash equivalents at the end of year</b>	\$ <u><u>9,603,288</u></u>	<u><u>9,855,995</u></u>
<b>Reconciliation of cash and cash equivalents to statements of net position:</b>		
Cash and cash equivalents	\$ 9,602,443	9,855,150
Cash and cash equivalents - restricted	<u>845</u>	<u>845</u>
Total cash and cash equivalents	\$ <u><u>9,603,288</u></u>	<u><u>9,855,995</u></u>

*Continued on next page*

See accompanying notes to the basic financial statements

**Chino Basin Watermaster**  
**Statements of Cash Flows, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

	<u>2020</u>	<u>2019</u>
<b>Reconciliation of operating income to net cash used in operating activities:</b>		
Operating loss	\$ <u>(144,374)</u>	<u>(1,829,877)</u>
<b>Adjustments to reconcile operating income to net cash used in operating activities:</b>		
Depreciation	20,067	15,824
<b>Changes in assets, deferred outflows of resources, liabilities and deferred inflows of resources:</b>		
(Increase) decrease in assets and deferred outflows of resources:		
Accounts receivable	(137,146)	(4,705)
Prepaid expenses and other current assets	(56,483)	(306,212)
Deferred outflows of resources	(46,402)	141,186
Increase (decrease) in liabilities and deferred inflows of resources:		
Accounts payable and accrued expense	(63,474)	94,180
Accrued salaries and benefits	10,682	4,283
Compensated absences	51,021	33,649
Other post employment benefits obligation	-	-
Net OPEB liability	40,002	5,984
Net pension liability	120,496	(22,308)
Employee compensation plan	64,563	16,371
Deferred inflows of resources	<u>14,701</u>	<u>(32,271)</u>
<b>Total adjustments</b>	<u>18,027</u>	<u>(54,019)</u>
<b>Net cash used in operating activities</b>	<u>\$ <u>(126,347)</u></u>	<u>(1,883,896)</u>

See accompanying notes to the basic financial statements

**Chino Basin Watermaster  
Notes to the Financial Statements  
For the Fiscal Years Ended June 30, 2020 and 2019**

**(1) Reporting Entity and Summary of Significant Accounting Policies**

**A. Organization and Operations of the Reporting Entity**

The Chino Basin Watermaster (“Watermaster”) was established under a judgment entered in Superior Court of the State of California for the County of San Bernardino as a result of Case No. RCV 51010 (formerly Case No. SCV 164327) entitled “Chino Basin Municipal Water District v. City of Chino, et al.”, signed by the Honorable Judge Howard B. Weiner on January 27, 1978. The effective date of this Judgment for accounting and operations was July 1, 1977.

Pursuant to the Judgment, the Chino Basin Municipal Water District (CBMWD) five-member Board of Directors was initially appointed as “Watermaster”. Their term of appointment as Watermaster was for five years, and the Court, by subsequent orders, provided for successive terms, or for a successor Watermaster. Pursuant to a recommendation of the Advisory Committee, the Honorable J. Michael Gunn appointed a nine-member board as Watermaster on September 28, 2000.

Under the Judgment, three Pool committees were formed: (1) Overlying (Agricultural) Pool which includes the State of California and all producers of water for overlying uses other than industrial or commercial purposes; (2) Overlying (Non-Agricultural) Pool which represents producers of water for overlying industrial or commercial purposes; and (3) Appropriative Pool which represents cities, districts, other public or private entities and utilities. The three Pool committees act together to form the “Advisory Committee.”

The Watermaster provides the Chino Groundwater Basin service area with services which primarily include: Accounting for water appropriations and components of acre-footage of stored water by agency, purchase of replenishment water, groundwater monitoring and implementation of special projects.

Watermaster expenditures are allocated to the pools based on the prior year’s production volume (or the same percentage used to set the annual assessments). Allocations for fiscal year 2019-2020 expenses are based on the 2018-2019 production volume.

<u>Production volume</u>	<u>Fiscal Year 2020</u>		<u>Fiscal Year 2019</u>	
	<u>Acre Feet</u>	<u>Percentage</u>	<u>Acre Feet</u>	<u>Percentage</u>
Appropriative Pool	69,919	73.33%	75,114	74.55%
Agricultural Pool	21,841	22.91%	21,786	21.62%
Non-agricultural Pool	3,588	3.76%	3,861	3.83%
Total production volume	<u>95,348</u>	<u>100.00%</u>	<u>100,761</u>	<u>100.00%</u>

The Agricultural Pool members ratified an agreement with the Appropriative Pool at their meeting of June 16, 1988, wherein the Appropriative Pool assumes Agricultural Pool administrative expenses and special project cost allocations in exchange for an accelerated transfer of un-pumped agricultural water to the Appropriative Pool. In addition, the Agricultural Pool transferred all pool administrative reserves at June 30, 1988, to the Appropriative Pool effective July 1, 1988.

In July of 2000, the principal parties in the Basin signed an agreement, known as the Peace Agreement, which among other things formalized the commitment of the Basin parties to implement an Optimum Basin Management Program. The Peace Agreement was signed by all the parties, and the Court has approved the agreement and ordered the Watermaster to proceed in accordance with the terms of the agreement. The Court has approved revisions to the Chino Basin Watermaster Rules and Regulations.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(1) Reporting Entity and Summary of Significant Accounting Policies, continued**

**B. Basis of Accounting and Measurement Focus**

The Watermaster reports its activities as an enterprise fund, which is used to account for operations that are financed and operated in a manner similar to a private business enterprise, where the intent of the Watermaster is that the costs of providing water to its service area on a continuing basis be financed or recovered primarily through user charges (water sales), capital grants and similar funding. Revenues and expenses are recognized on the full accrual basis of accounting. Revenues are recognized in the accounting period in which they are earned, and expenses are recognized in the period incurred, regardless of when the related cash flows take place.

Operating revenues and expenses, such as replenishment water revenues and groundwater replenishment, result from exchange transactions associated with the principal activity of the Watermaster. Exchange transactions are those in which each party receives and gives up essentially equal values. Management, administration, and depreciation expenses are also considered operating expenses. Other revenues and expenses not included in the above categories are reported as non-operating revenues and expenses.

**C. Financial Reporting**

The Watermaster's basic financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America (GAAP), as applied to enterprise funds. The Governmental Accounting Standards Board (GASB) is the accepted standard-setting body for establishing governmental accounting and financial reporting principles. Watermaster solely operates as a special-purpose government which means it is only engaged in business-type activities; accordingly, activities are reported in the Watermaster's proprietary fund.

The Watermaster has adopted the following GASB pronouncements in the current year:

In May 2020, the GASB issued Statement No. 95 – *Postponement of the Effective Dates of Certain Authoritative Guidance*. The primary objective of this Statement is to provide temporary relief to governments and other stakeholders in light of the COVID-19 pandemic. That objective is accomplished by postponing the effective dates of certain provisions in Statements and Implementation Guides that first became effective or are scheduled to become effective for periods beginning after June 15, 2018, and later.

**D. Assets, Deferred Outflows, Liabilities, Deferred Inflows and Net Position**

**1. Use of Estimates**

The preparation of the basic financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosures of contingent assets and liabilities at the date of the financial statements and the reported changes in net position during the reporting period. Actual results could differ from those estimates.

**2. Cash and Cash Equivalents**

Substantially all the Watermaster's cash is invested in interest-bearing accounts. The Watermaster considers all highly liquid investments with a maturity of three months or less to be cash equivalents.



**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(1) Reporting Entity and Summary of Significant Accounting Policies, continued**

**D. Assets, Deferred Outflows, Liabilities, Deferred Inflows and Net Position, continued**

**3. Investments**

The Watermaster has adopted an investment policy directing the General Manager to invest and reinvest funds subject to the provisions of Watermaster's Investment Policy and the ongoing review and control of Watermaster and the Watermaster Advisory Committee in accordance with California Government Code section 53600.

Changes in fair value that occur during a fiscal year are recognized as investment income reported for that fiscal year. Investment income includes interest earnings, changes in fair value, and any gains or losses realized upon the liquidation or sale of investments.

**4. Fair Value Measurements**

The Watermaster categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles.

The hierarchy is based on valuation inputs used to measure the fair value of the asset, as follows:

- **Level 1** – Valuation is based on quoted prices in active markets for identical assets.
- **Level 2** – Valuation is based on directly observable and indirectly observable inputs. These inputs are derived principally from or corroborated by observable market data through correlation or market-corroborated inputs. The concept of market-corroborated inputs incorporates observable market data such as interest rates and yield curves that are observable at commonly quoted intervals.
- **Level 3** – Valuation is based on unobservable inputs where assumptions are made based on factors such as prepayment rates, probability of defaults, loss severity and other assumptions that are internally generated and cannot be observed in the market.

**5. Accounts Receivable and Allowance for Uncollectible Accounts**

The Watermaster extends credit to customers in the normal course of operations. Management has determined that all amounts are considered collectable. As a result, the Watermaster has not recorded an allowance for doubtful accounts at June 30, 2020 and 2019.

**6. Prepaid Expenses**

Certain payments to vendors reflect costs or deposits applicable to future accounting periods and are recorded as prepaid items in the basic financial statements.

**7. Capital Assets**

Capital assets acquired and/or constructed are capitalized at historical cost. Donated assets are recorded at estimated fair market value at the date of donation. Upon retirement or other disposition of capital assets, the cost and related accumulated depreciation are removed from the respective balances and any gains or losses are recognized.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(1) Reporting Entity and Summary of Significant Accounting Policies, continued**

**D. Assets, Deferred Outflows, Liabilities, Deferred Inflows and Net Position, continued**

**7. Capital Assets, continued**

Depreciation is recorded on a straight-line basis over the estimated useful lives of the assets as follows:

Computer equipment and software	5 years
Office furniture and fixtures	7 years
Leasehold improvements	10 years
Automotive equipment	7 years

**8. Deferred Outflows of Resources**

Deferred outflows of resources represent the consumption of resources that is applicable to future periods.

**9. Deferred Inflows of Resources**

Deferred inflows of resources represent the acquisition of resources that is applicable to future periods.

**10. Compensated Absences**

The Watermaster's policy is to permit eligible employees to accumulate earned vacation up to a total of 320 hours. Employees may receive pay in lieu of using vacation for up to one-half of their annual vacation accrual if: (1) within the prior twelve months, the employee has used vacation in an amount equal to at least half of their annual vacation accrual rate; and (2) the employee has a minimum remaining accrued vacation balance of at least 40 hours. Eligible employees accrue and accumulate sick leave based on Watermaster policy. Twice a year, employees may buy-back accrued sick leave at 50% of their current pay provided that at least 480 hours of accrued sick leave remain after the cash-out. Upon termination of employment, employees are paid all unused vacation, and unused sick time is paid out based on Watermaster policy.

**11. Pensions**

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

GASB 68 requires that the reported results must pertain to liability and asset information within certain defined timeframes. For this report, the following timeframes are used:

- Valuation Date: June 30, 2018 and 2017
- Measurement Date: June 30, 2019 and 2018
- Measurement Period: July 1, 2018 to June 30, 2019 and July 1, 2017 to June 30, 2018

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(1) Reporting Entity and Summary of Significant Accounting Policies, continued**

**D. Assets, Deferred Outflows, Liabilities, Deferred Inflows and Net Position, continued**

**12. Postemployment Benefits Other than Pensions (OPEB)**

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

**13. Water Production Assessments**

Water Production Assessment categories include: Administration, Optimum Basin Management Program, Special Projects, and Water Replenishment. Assessments are billed on a yearly basis.

**14. Budgetary Policies**

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

**15. Net Position**

The financial statements utilize a net position presentation. Net position is categorized as follows:

- **Net Investment in Capital Assets** – Consists of capital assets, net of accumulated depreciation and amortization, and reduced by outstanding balances of any debt, or other long-term borrowings that are attributable to the acquisition, construction, or improvement of those assets.
- **Restricted** – Consists of assets that have restrictions placed upon their use by external constraints imposed either by creditors (debt covenants), grantors, contributors, or laws and regulations of other governments, or constraints imposed by law through enabling legislation.
- **Unrestricted** – Consists of the net amount of assets, deferred outflows of resources, liabilities, and deferred inflows of resources that are not included in the determination of the net investment in capital assets or restricted components of net position.

**(2) Cash and Investments**

Cash and cash equivalents as of June 30 are classified in the accompanying financial statements as follows:

	<b>2020</b>	<b>2019</b>
Cash and cash equivalents	\$ 9,602,443	9,855,150
Cash and cash equivalents - restricted	845	845
Total cash and cash equivalents	\$ 9,603,288	9,855,995

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(2) Cash and Investments, continued**

Cash and cash equivalents as of June 30 consist of the following:

	<u>2020</u>	<u>2019</u>
Cash on hand	\$ 500	500
Deposits held in trust with County of San Bernardino	845	845
Deposits with financial institutions	771,623	383,936
Investments	<u>8,830,320</u>	<u>9,470,714</u>
Total cash and cash equivalents	<u>\$ 9,603,288</u>	<u>9,855,995</u>

As of June 30, Watermaster's authorized deposits had the following maturities:

	<u>2020</u>	<u>2019</u>
Deposits held with the California Local Agency Investment Fund (LAIF)	<u>191 days</u>	<u>173 days</u>

***Investments Authorized by the California Government Code and the Watermaster's Investment Policy***

The table below identifies the investment types that are authorized by the Watermaster in accordance with the California Government Code (or the Watermaster's investment policy, where more restrictive). The table also identifies certain provisions of the California Government Code (or the Watermaster's investment policy, where more restrictive) that address interest rate risk, credit risk, and concentration of credit risk.

<u>Authorized Investment Type</u>	<u>Maximum Maturity</u>	<u>Maximum Percentage Of Portfolio</u>	<u>Maximum Investment in One Issuer</u>
Local Agency Bonds	5 years	None	None
U.S. Treasury Obligations	5 years	None	None
State Obligations - CA and Others	5 years	None	None
CA Local Agency Obligations	5 years	None	None
U.S. Agency Obligations	5 years	None	None
Negotiable Certificates of Deposit	5 years	30%	None
Collateralize Bank Deposits	5 years	None	None
Corporate debt - Short and Long Term	5 years	None	None
Commercial Paper - Pooled Funds	270 days	40% of the Watermaster's	10%
Commercial Paper - Non-Pooled Funds	270 days	money	
Repurchase agreements	1 year	None	None
Local Agency Investment Fund (LAIF)	N/A	None	None

***Custodial Credit Risk***

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(2) Cash and Investments, continued**

***Custodial Credit Risk, continued***

The custodial credit risk for *investments* is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. With respect to investments, custodial credit risk generally applies only to direct investments in marketable securities. Custodial credit risk does not apply to a local government's indirect investment in securities through the use of mutual funds or government investment pools (such as LAIF).

The California Government Code and the Watermaster's investment policy do not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits or investments, other than the following provision for deposits: The California Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the governmental unit). The market value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by public agencies. California law also allows financial institutions to secure Watermaster deposits by pledging first trust deed mortgage notes having a value of 150% of the secured public deposits. As of June 30, 2020 and 2019, bank balances are federally insured up to \$250,000. The remaining balance is collateralized in accordance with the Code; however, the collateralized securities are not held in the Watermaster's name.

***Investment in State Investment Pool***

The Commission is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by the California Government Code Section 16429 and is under the management of the Treasurer of the State of California with oversight provided by the Local Agency Investment Advisory Board. The fair value of the Commission's investment in this pool is reported in the accompanying financial statements at amounts based upon the Commission's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on an amortized cost basis. Bank balances are secured by the pledging of a pool of eligible securities to collateralize the Commission's deposits with the bank in accordance with the Code.

The pool portfolio is invested in a manner that meets the maturity, quality, diversification and liquidity requirements set forth by GASB 79 for external investment pools that elect to measure, for financial reporting purposes, investments at amortized cost. LAIF does not have any legally binding guarantees of share values. LAIF does not impose liquidity fees or redemption gates on participant withdrawals.

***Interest Rate Risk***

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of its fair value to changes in market interest rates. One of the ways that the Watermaster manages its exposure to interest rate risk is by purchasing a combination of shorter term and longer term investments and by timing cash flows from maturities so that a portion of the portfolio matures or comes close to maturity evenly over time as necessary to provide for cash flow requirements and liquidity needed for operations.

***Credit Risk***

Credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(2) Cash and Investments, continued**

*Concentration of Credit Risk*

The Watermaster's investment policy contains no limitations on the amounts that can be invested in any one issuer as beyond that stipulated by the California Government Code. There were no investments in any one issuer (other than for U.S. Treasury securities, mutual funds, and external investment pools) that represented 5% or more of total Watermaster's investment at June 30, 2020 and 2019.

**(3) Capital Assets**

Changes in capital assets for 2020 were as follows:

	<b>Balance 2019</b>	<b>Additions</b>	<b>Disposals/ Transfers</b>	<b>Balance 2020</b>
Depreciable assets:				
Computer equipment	\$ 107,551	-	-	107,551
Furniture and fixtures	89,499	-	-	89,499
Leasehold improvements	23,443	-	-	23,443
Vehicles and equipment	94,580	40,440	(20,352)	114,668
Total depreciable assets	<u>315,073</u>	<u>40,440</u>	<u>(20,352)</u>	<u>335,161</u>
Accumulated depreciation:				
Computer equipment	(107,552)	-	-	(107,552)
Furniture and fixtures	(49,690)	(8,631)	-	(58,321)
Leasehold improvements	(23,443)	-	-	(23,443)
Vehicles and equipment	(66,282)	(11,437)	20,352	(57,367)
Total accumulated depreciation	<u>(246,967)</u>	<u>(20,068)</u>	<u>20,352</u>	<u>(246,683)</u>
Total capital assets, net	<u>\$ 68,106</u>			<u>88,478</u>

Changes in capital assets for 2019 were as follows:

	<b>Balance 2018</b>	<b>Additions</b>	<b>Disposals/ Transfers</b>	<b>Balance 2019</b>
Depreciable assets:				
Computer equipment	\$ 107,551	-	-	107,551
Furniture and fixtures	49,126	40,373	-	89,499
Leasehold improvements	23,443	-	-	23,443
Vehicles and equipment	94,580	-	-	94,580
Total depreciable assets	<u>274,700</u>	<u>40,373</u>	<u>-</u>	<u>315,073</u>
Accumulated depreciation:				
Computer equipment	(106,018)	(1,534)	-	(107,552)
Furniture and fixtures	(41,059)	(8,631)	-	(49,690)
Leasehold improvements	(23,443)	-	-	(23,443)
Vehicles and equipment	(60,622)	(5,660)	-	(66,282)
Total accumulated depreciation	<u>(231,142)</u>	<u>(15,825)</u>	<u>-</u>	<u>(246,967)</u>
Total capital assets, net	<u>\$ 43,558</u>			<u>68,106</u>

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(4) Deferred Outflows and Inflows of Resources**

Changes in deferred outflows and inflows of resources for 2020 were as follows:

	<u>Balance 2019</u>	<u>Additions</u>	<u>Amortization</u>	<u>Balance 2020</u>
Deferred outflows of resources				
Deferred pension outflows	\$ 337,794	314,438	(283,635)	368,597
Deferred OPEB outflows	<u>-</u>	<u>15,599</u>	<u>-</u>	<u>15,599</u>
Total deferred outflows of resources	\$ <u>337,794</u>	<u>330,037</u>	<u>(283,635)</u>	<u>384,196</u>

	<u>Balance 2019</u>	<u>Additions</u>	<u>Amortization</u>	<u>Balance 2020</u>
Deferred inflows of resources				
Deferred pension inflows	\$ 4,973	45,986	(28,079)	22,880
Deferred OPEB inflows	<u>4,888</u>	<u>1,682</u>	<u>(4,888)</u>	<u>1,682</u>
Total deferred inflows of resources	\$ <u>9,861</u>	<u>47,668</u>	<u>(32,967)</u>	<u>24,562</u>

Changes in deferred outflows and inflows of resources for 2019 were as follows:

	<u>Balance 2018</u>	<u>Additions</u>	<u>Amortization</u>	<u>Balance 2019</u>
Deferred outflows of resources				
Deferred pension outflows	\$ 466,761	155,871	(284,838)	337,794
Deferred OPEB outflows	<u>12,219</u>	<u>-</u>	<u>(12,219)</u>	<u>-</u>
Total deferred outflows of resources	\$ <u>478,980</u>	<u>155,871</u>	<u>(297,057)</u>	<u>337,794</u>

	<u>Balance 2018</u>	<u>Additions</u>	<u>Amortization</u>	<u>Balance 2019</u>
Deferred inflows of resources				
Deferred pension inflows	\$ 42,132	-	(37,159)	4,973
Deferred OPEB inflows	<u>-</u>	<u>5,363</u>	<u>(475)</u>	<u>4,888</u>
Total deferred inflows of resources	\$ <u>42,132</u>	<u>5,363</u>	<u>(37,634)</u>	<u>9,861</u>

**(5) Compensated Absences**

The changes to compensated absences for 2020 were as follows:

	<u>Balance 2019</u>	<u>Additions</u>	<u>Deletions</u>	<u>Balance 2020</u>	<u>Due Within One Year</u>	<u>Due in more than one year</u>
\$	<u>330,110</u>	<u>190,683</u>	<u>(139,662)</u>	<u>381,131</u>	<u>133,396</u>	<u>247,735</u>

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(5) Compensated Absences, continued**

The changes to compensated absences for 2019 were as follows:

<u>Balance</u> <u>2018</u>	<u>Additions</u>	<u>Deletions</u>	<u>Balance</u> <u>2019</u>	<u>Due Within</u> <u>One Year</u>	<u>Due in more</u> <u>than one year</u>
\$ 296,461	162,312	(128,663)	330,110	115,539	214,572

**(6) Other Post-Employment Benefits Payable**

***Plan Description***

The Watermaster’s defined benefit Other Post-Employment Benefit (OPEB) Plan (Plan) provides OPEB for all permanent and vested full-time employees. The Plan is a single-employer defined benefit OPEB plan administered by the Watermaster. The Watermaster’s Board has the authority to establish and amend the benefit terms and financing requirements of the Plan. Watermaster participates in a CalPERS Health Program, a community-rated program for its medical coverage. Watermaster does not have an OPEB trust established and no assets are accumulated in a trust that meets the criteria in paragraph 4 of Statement 75.

***Benefits Provided***

The Plan provides a contribution equal to 50% of the retiree only costs for eligible retirees and surviving spouses in receipt of a pension benefit from CalPERS. An employee is eligible for this employer contribution provided they are vested in their CalPERS pension benefit and commence payment of their pension benefit within 120 days of retirement from the Watermaster.

Vesting requires at least 5 years of CalPERS total service. The surviving spouse of an eligible retiree who elected spouse coverage under CalPERS is eligible for the employer contribution upon death of the retiree. Board members during or prior to 1994 are also eligible for a Watermaster contribution at retirement.

***Employee Covered by Benefit Terms***

As of June 30, 2020 and 2019, the following employees were covered by the benefit terms:

	<u>2020</u>	<u>2019</u>
Active employees	9	9
Inactive employees or beneficiaries currently receiving benefit payments	5	5
Total plan membership	<u>14</u>	<u>14</u>

***Total OPEB Liability***

The Watermaster’s total OPEB liability of \$254,785 was measured as of December 31, 2019, and was determined by an actuarial valuation as of that date.



**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(6) Other Post-Employment Benefits Payable, continued**

*Actuarial Assumptions and Other Inputs*

The total OPEB liability in the June 30, 2020 actuarial valuation, which was measured at December 31, 2019, was determined using the following actuarial assumptions, applied to all periods included in the measurement, unless otherwise specified:

Valuation Date	December 31, 2019 and December 31, 2017
Measurement Date	December 31, 2019 and December 31, 2018
Actuarial cost method	Entry Age Normal cost method in accordance with the requirements of GASB Statement No. 75
Inflation	2.75% per annum
Salary increases	3.0% per annum, in aggregate
Discount rate	2.66% and 3.80%; the discount rate is based on the resulting rate using the average of 3-20 year municipal bond rate indices: S&P Municipal Bond 20-Year High Grade Rate Index, Bond Buyer Go 20 - Municipal Bond Index, Fidelity 20-year Go Municipal Bond Index
Healthcare cost trend rates	6.5% for HMO and PPO as of June 30, 2020, decreasing 0.25% per year to an ultimate rate of 4.5% for both HMO and PPO as of June 30, 2028 and later years.

*Changes in the total OPEB Liability*

Changes in the total OPEB Liability as of June 30, 2020 (measured at December 31, 2019) were as follows:

	<u>Increase (Decrease)</u>		
	<u>Total OPEB Liability (a)</u>	<u>Plan Fiduciary Net Position (b)</u>	<u>Net OPEB Liability/(Asset) (c) = (a) - (b)</u>
Balance at July 1, 2019	\$ 214,783	-	214,783
Changes during the year:			
Service cost	17,062	-	17,062
Interest	8,739	-	8,739
Changes in assumptions	17,923	-	17,923
Contributions - employer	-	3,722	(3,722)
Benefit payments	<u>(3,722)</u>	<u>(3,722)</u>	-
Net changes	<u>40,002</u>	-	<u>40,002</u>
Balance at June 30, 2020	<u>\$ 254,785</u>	<u>-</u>	<u>254,785</u>

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(6) Other Post-Employment Benefits Payable, continued**

*Changes in the total OPEB Liability, continued*

Changes in the total OPEB Liability as of June 30, 2019 (measured at December 31, 2018) were as follows:

	<b>Increase (Decrease)</b>		
	<b>Plan</b>		
	<b>Total OPEB</b>	<b>Fiduciary</b>	<b>Net OPEB</b>
	<b>Liability (a)</b>	<b>Net Position</b>	<b>Liability/(Asset</b>
		<b>(b)</b>	<b>(c) = (a) - (b)</b>
Balance at July 1, 2018	\$ 208,799	-	208,799
Changes during the year:			
Service cost	18,418	-	18,418
Interest	7,571	-	7,571
Changes in assumptions	(17,582)	-	(17,582)
Contributions - employer	-	2,423	(2,423)
Benefit payments	(2,423)	(2,423)	-
Net changes	5,984	-	5,984
Balance at June 30, 2019	\$ 214,783	-	214,783

*Sensitivity of the total OPEB Liability to Changes in the Discount Rate*

The following presents the total OPEB liability of the Watermaster as of June 30, 2020, as well as what the Watermaster's total OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower (1.66%) or 1-percentage-point higher (3.66%) than the current discount rate:

	<b>Discount</b>	<b>Current</b>	<b>Discount</b>
	<b>Rate - 1%</b>	<b>Discount</b>	<b>Rate + 1%</b>
	<b>1.66%</b>	<b>Rate</b>	<b>3.66%</b>
Total OPEB Liability	\$ 306,298	254,785	214,446

The following presents the total OPEB liability of the Watermaster as of June 30, 2019, as well as what the Watermaster's total OPEB liability would be if it were calculated using a discount rate that is 1-percentage-point lower (2.80%) or 1-percentage-point higher (4.80%) than the current discount rate:

	<b>Discount</b>	<b>Current</b>	<b>Discount</b>
	<b>Rate - 1%</b>	<b>Discount</b>	<b>Rate + 1%</b>
	<b>2.80%</b>	<b>Rate</b>	<b>4.80%</b>
Total OPEB Liability	\$ 256,653	214,783	181,827

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(6) Other Post-Employment Benefits Payable, continued**

***Sensitivity of the total OPEB Liability to Changes in the Healthcare Cost Trend Rates***

The following presents the net OPEB liability of the Watermaster as of June 30, 2020, as well as what the Watermaster's net OPEB liability would be if it were calculated using healthcare cost trend rates that are 1-percentage-point lower or 1-percentage-point higher than the current healthcare cost trend rates:

	<b>1% Decrease</b>	<b>Current</b>	<b>1% Increase</b>
	5.50% HMO/ PPO decreasing to 3.50%	6.50% HMO/ PPO decreasing to 4.50%	7.50% HMO/ PPO decreasing to 5.50%
	HMO/PPO	HMO/PPO	HMO/PPO
Total OPEB Liability	\$ 205,211	254,785	321,455

The following presents the net OPEB liability of the Watermaster as of June 30, 2019, as well as what the Watermaster's net OPEB liability would be if it were calculated using healthcare cost trend rates that are 1-percentage-point lower or 1-percentage-point higher than the current healthcare cost trend rates:

	<b>1% Decrease</b>	<b>Current</b>	<b>1% Increase</b>
	5% HMO/ 5.50% PPO decreasing to 4% HMO/PPO	6% HMO/ 6.50% PPO decreasing to 5% HMO/PPO	7% HMO/ 7.50% PPO decreasing to 6% HMO/PPO
	4% HMO/PPO	5% HMO/PPO	6% HMO/PPO
Total OPEB Liability	\$ 174,054	214,783	268,910

***OPEB Expense and Deferred Outflows and Inflows of Resources Related to OPEB***

For the fiscal year ended June 30, 2020 and 2019, the Watermaster recognized OPEB expense of \$21,197 and \$25,514, respectively. As of June 30, the Watermaster reported deferred outflows of resources and deferred inflows of resources related to OPEB from the following sources:

Description	2020		2019	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Changes in assumptions	\$ 15,599	-	-	(4,888)
Difference between expected and actual experience	-	(1,682)	-	-
Total	\$ 15,599	(1,682)	-	(4,888)

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(6) Other Post-Employment Benefits Payable, continued**

*OPEB Expense and Deferred Outflows and Inflows of Resources Related to OPEB, continued*

The changes in assumptions are amortized over a seven-year period. Amounts reported as deferred outflows of resources related to OPEB will be recognized in OPEB expense as follows:

<b>Fiscal Year</b>	<b>Deferred Net</b>
<b>Ending</b>	<b>Outflows(Inflows)</b>
<b>June 30</b>	<b>of Resources</b>
2020	(1,155)
2021	(1,155)
2022	(1,155)
2023	(1,155)
2024	(1,155)
Thereafter	(8,143)

**(7) Deferred Compensation Savings Plan**

For the benefit of its employees, the Watermaster participates in a 457 Deferred Compensation Program (Program). The purpose of this Program is to provide deferred compensation for public employees that elect to participate in the Program. Generally, eligible employees may defer receipt of a portion of their salary until termination, retirement, death or unforeseeable emergency. Until the funds are paid or otherwise made available to the employee, the employee is not obligated to report the deferred salary for income tax purposes.

Federal law requires deferred compensation assets to be held in trust for the exclusive benefit of the participants. Accordingly, the Watermaster is in compliance with this legislation. Therefore, these assets are not the legal property of the Watermaster, and are not subject to claims of the Watermaster's general creditors. Market value of all plan assets held in trust as of June 30, 2020 and 2019 was \$1,587,857 and \$1,440,213, respectively.

The Watermaster has implemented GASB Statement No. 32, Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans. Since the Watermaster has little administrative involvement and does not perform the investing function for this plan, the assets and related liabilities are not shown on the statement of net position.

**(8) Nonqualified Employee Compensation Plan**

Effective June 1, 2015, the Watermaster established a Nonqualified Deferred Compensation Plan (Plan). The purpose of this Plan is to provide deferred compensation for selected public employees to participate in the Plan. The Plan is intended to be an unfunded deferred compensation plan that complies with the requirements of Section 457(f) and 409A of the Internal Revenue Code of 1986. Each Plan Participant shall be entitled to elect to forego all or any portion, as either a dollar amount or a percentage, of the Participant's salary and/or bonus that may become payable by the Employer for a Plan year after all applicable deductions and withholdings. Such election shall be evidenced by a Deferral Agreement.

On June 30, 2020 and 2019, the Watermaster made an employer contribution of \$64,564 and \$28,853, respectively, to the Plan for the benefit of its eligible employee for the 12 consecutive month period from July 1, 2019 to June 30, 2020, and July 1, 2018 to June 30, 2019, respectively.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(8) Nonqualified Employee Compensation Plan, continued**

For each of Watermaster's regular payroll periods beginning on and after July 1, 2015 during the remainder of the Employment Term (from June 30, 2014 up to the expiration date of June 30, 2017), the Watermaster agrees to make an employer contribution to the Plan for the benefit of the eligible employee equal to 8% of the corresponding salary including any incentive compensation paid during that payroll period; provided that the eligible employee is still employed with Watermaster on the payday of that payroll period.

On June 22, 2017, Watermaster agreed to make an employer contribution to the Plan for the benefit of another eligible employee equal to 4% of the corresponding salary for the payroll period effective following July 1, 2017; and shall continue to be provided on each paycheck date thereafter until the Board takes further action.

The balance of Watermaster's Employee Compensation Plan as of June 30, 2020 and 2019 amounted to \$162,643 and \$98,080, respectively.

**(9) Defined Benefit Pension Plan**

***Plan Description***

All qualified permanent and probationary employees are eligible to participate in the Watermaster's Miscellaneous Employee Pension Plan, cost-sharing multiple employer defined benefit pension plans administered by the California Public Employees' Retirement System (CalPERS). Benefit provisions under the Plan are established by State statute and Watermaster's resolution. CalPERS issues publicly available reports that include a full description of the pension plan regarding benefit provisions, assumptions and membership information that can be found on the CalPERS website.

***Benefits provided***

CalPERS provides service retirement and disability benefits, annual cost of living adjustments and death benefits to plan members, who must be public employees and beneficiaries. Benefits are based on years of credited service, equal to one year of full time employment. Members with five years of total service are eligible to retire at age 50 with statutorily reduced benefits. All members are eligible for non-duty disability benefits after 10 years of service. The death benefit is one of the following: The Basic Death Benefit, the 1957 Survivor Benefit, or the Optional Settlement 2W Death Benefit. The cost of living adjustments for each plan are applied as specified by the Public Employees' Retirement Law.

On September 12, 2012, the California Governor signed the California Public Employees' Pension Reform Act of 2013 (PEPRA) into law. PEPRA took effect January 1, 2013. The new legislation closed the Watermaster's CalPERS 2.5% at 55 Risk Pool Retirement Plan to new employee entrants effective December 31, 2013. All employees hired after January 1, 2013 are eligible for the Watermaster's CalPERS 2.0% at 62 Retirement Plan under PEPRA.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(9) Defined Benefit Pension Plan, continued**

*Benefits provided, continued*

The Watermaster participates in the Plan's miscellaneous risk pool. The provisions and benefits for the Plan's miscellaneous risk pool in effect at June 30, 2020, are summarized as follows:

	<b>Miscellaneous Plan</b>	
	<b>Classic</b>	<b>PEPRA</b>
	Prior to January 1, 2013	On or after January 1, 2013
Hire date		
Benefit formula	2.5% @ 55	2.0% @ 62
Benefit vesting schedule	5 years of service	5 years of service
Benefit payments	monthly for life	monthly for life
Retirement age	50 - 55	52 - 67
Monthly benefits, as a % of eligible compensation	2.0% to 2.5%	1.0% to 2.5%
Required employee contribution rates	8.000%	6.250%
Required employer contribution rates	11.432%	6.985%

*Contributions*

Section 20814(c) of the California Public Employees' Retirement Law requires that the employer contribution rates, for all public employers, be determined on an annual basis by the actuary and shall be effective on July 1 following notice of the change in rate. Funding contributions for the Plan is determined annually on an actuarial basis as of June 30 by CalPERS. The actuarially determined rate is the estimated amount necessary to finance the costs of benefits earned by employees during the year, with an additional amount to finance any unfunded accrued liability. The Watermaster is required to contribute the difference between the actuarially determined rate and the contribution rate of employees.

For the years ended June 30, the contributions recognized as part of pension expense for the Plan were as follows:

	<b>Miscellaneous</b>	
	<b>2020</b>	<b>2019</b>
Contributions – employer	\$ 202,432	173,396

*Net Pension Liability*

As of June 30, the Watermaster reported net pension liabilities for its proportionate share of the net pension liability of the Plan as follows:

	<b>2020</b>	<b>2019</b>
Miscellaneous Plan	\$ 1,308,658	1,188,162

The Watermaster's net pension liability for the Plan is measured as the proportionate share of the net pension liability. The net pension liability of the Plan is measured as of June 30, 2019 (the measurement date), and the total pension liability for the Plan used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2018 (the valuation date), rolled forward to June 30, 2019, using standard update procedures.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(9) Defined Benefit Pension Plan, continued**

*Net Pension Liability, continued*

The Watermaster's proportion of the net pension liability was based on a projection of the Watermaster's long-term share of contributions to the pension plan relative to the projected contributions of all participating employers, actuarially determined.

The Watermaster's proportionate share of the pension liability for the Plan's miscellaneous risk pool as of the measurement dates June 30, 2019 was as follows:

	<b>Miscellaneous Plan</b>
Proportion – June 30, 2019	0.01233%
Increase in proportion	0.00044%
Proportion – June 30, 2020	0.01277%

The Watermaster's proportionate share of the pension liability for the Plan's miscellaneous risk pool as of the measurement dates June 30, 2018 was as follows:

	<b>Miscellaneous Plan</b>
Proportion – June 30, 2018	0.01221%
Increase in proportion	0.00012%
Proportion – June 30, 2019	0.01233%

***Deferred Pension Outflows (Inflows) of Resources***

For the fiscal years ended June 30, 2020 and 2019, the Watermaster recognized pension expense of \$310,032 and \$242,896, respectively.

As of June 30, 2020 and 2019, the Watermaster reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

Description	2020		2019	
	Deferred Outflows of Resources	Deferred Inflows of Resources	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to the measurement date	\$ 202,432	-	173,396	-
Differences between actual and expected experience	83,850	-	30,077	-
Changes in assumptions	40,282	-	102,267	-
Net differences between projected and actual earnings on plan investments	-	(22,880)	5,875	-
Differences between actual contribution and proportionate share of contribution	1,820	-	-	(4,973)
Net adjustment due to differences in proportions of net pension liability	40,213	-	26,179	-
Total	\$ 368,597	(22,880)	337,794	(4,973)

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(9) Defined Benefit Pension Plan, continued**

*Deferred Pension Outflows (Inflows) of Resources, continued*

As of June 30, 2020 and 2019, employer pension contributions reported as deferred outflows of resources related to contributions subsequent to the measurement date of \$202,432 and \$173,396, respectively, and will be recognized as a reduction of the net pension liability in the fiscal years ended June 30, 2021 and 2020.

At June 30, 2020, other amounts reported as deferred outflows and inflows of resources related to the pensions, which will be recognized as pension expense as follows:

<b>Fiscal Year Ending June 30,</b>	<b>Deferred Net Outflows/(Inflows) of Resources</b>
2021	\$ 118,605
2022	1,298
2023	18,758
2024	4,623
2025	-
Thereafter	-

*Actuarial assumptions*

The total pension liabilities in the June 30, 2019 and 2018, actuarial valuations were determined using the following actuarial assumptions and methods:

Valuation Date	June 30, 2018 and 2017
Measurement Date	June 30, 2019 and 2018
Actuarial cost method	Entry Age Normal in accordance with the requirements of GASB Statement No. 68
Actuarial assumptions:	
Discount rate	7.15%
Inflation rate	2.50%
Salary increases	Varies by Entry Age and Service
Mortality Rate Table*	Derived using CalPERS' Membership Data for all Funds
Period Upon Which Actuarial Experience Survey Assumptions Were Based	1997-2015
Post Retirement Benefit Increase	Contract COLA up to 2.50% until Purchasing Power Protection Allowance Floor on Purchasing Power applies

\* The mortality table used was developed based on CalPERS' specific data. The table includes 15 years of mortality improvements using Society of Actuaries Scale 90% of Scale MP 2016. For more details on this table, please refer to the December 2017 experience study report (based on CalPERS demographic data from 1997 to 2015) that can be found on the CalPERS website.



**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(9) Defined Benefit Pension Plan, continued**

***Discount Rate***

The discount rate used to measure the total pension liability was 7.15% for the Plan. To determine whether the municipal bond rate should be used in the calculation of a discount rate for the Plan, the amortization and smoothing periods recently adopted by CalPERS were utilized. The crossover test was performed for a miscellaneous agent plan and a safety agent plan selected as being more at risk of failing the crossover test and resulting in a discount rate that would be different from the long-term expected rate of return on pension investments.

Based on the testing of the plans, the tests revealed the assets would not run out. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability for the Plan.

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

In determining the long-term expected rate of return, CalPERS took into account both short-term and long-term market return expectations as well as the expected pension fund cash flows. Using historical returns of all the funds' asset classes, expected compound returns were calculated over the short-term (first 10 years) and the long-term (11-60 years) using a building-block approach. Using the expected nominal returns for both short-term and long-term, the present value of benefits was calculated for each fund. The expected rate of return was set by calculating the single equivalent expected return that arrived at the same present value of benefits for cash flows as the one calculated using both short-term and long-term returns. The expected rate of return was then set equivalent to the single equivalent rate calculated above and rounded down to the nearest one quarter of one percent.

The table below reflects the long-term expected real rate of return by asset class. The rate of return was calculated using the capital market assumptions applied to determine the discount rate and asset allocation.

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

***Sensitivity of the Proportionate Share of Net Pension Liability to Changes in the Discount Rate***

The following table presents the Watermaster's proportionate share of the net position liability for the Plan, calculated using the discount rate, as well as what the Watermaster's proportional share of the net pension liability would be if it were calculated using a discount rate that is one percentage point lower or one percentage point higher than the current rate.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(9) Defined Benefit Pension Plan, continued**

*Sensitivity of the Proportionate Share of Net Pension Liability to Changes in the Discount Rate, continued*

As of June 30, 2020, the Watermaster's net pension liability at the current discount rate, using a discount rate that is one-percentage point lower, and using a discount rate that is one-percentage point higher, is as follows:

	<b>Discount Rate - 1% 6.15%</b>	<b>Current Discount Rate 7.15%</b>	<b>Discount Rate + 1% 8.15%</b>
Watermaster's Net Pension Liability	\$ 2,049,334	1,308,658	697,283

As of June 30, 2019, the Watermaster's net pension liability at the current discount rate, using a discount rate that is one-percentage point lower, and using a discount rate that is one-percentage point higher, is as follows:

	<b>Discount Rate - 1% 6.15%</b>	<b>Current Discount Rate 7.15%</b>	<b>Discount Rate + 1% 8.15%</b>
Watermaster's Net Pension Liability	\$ 1,851,236	1,188,162	640,805

***Pension Plan Fiduciary Net Position***

Detailed information about the pension plan's fiduciary net position is available in separately issued CalPERS financial reports. See pages 44 through 47 for the Required Supplementary Schedules.

**(10) Prior Period Adjustment**

In fiscal year 2018, the Watermaster implemented GASB Statement No. 75, to recognize its net OPEB liability. As a result of the implementation, the Watermaster recognized net OPEB liability and remove the net OPEB obligation associated with GASB 45 as of June 30, 2017 in the amount of \$173,730 and \$468,172, respectively The Watermaster recorded a prior period adjustment to reclassify prior year's employer OPEB Contribution from expense to deferred outflows of resources of \$2,307 at June 30, 2017.

Previously recorded net position of \$8,715,929 has been restated to \$9,012,678 as of June 30, 2017. In addition, the effect of the implementation of GASB 75 is recorded as an adjustment to the beginning net position at July 1, 2017.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(10) Prior Period Adjustment, continued**

The effect of the above changes is summarized as follows:

<b>Net position at June 30, 2017, as previously stated</b>		\$ <u>8,715,929</u>
<b>Net OPEB Liability - GASB 75 Implementation:</b>		
Effect of adjustment to record net OPEB liability	\$ (173,730)	
Effect of adjustment to remove net OPEB liability associated with GASB 45	468,172	
Effect of adjustment to record deferred OPEB outflows	<u>2,307</u>	
<b>Total adjustment to net position</b>		<u>296,749</u>
<b>Net position – beginning, as restated at July 1, 2017</b>		<u>\$ 9,012,678</u>

**(11) Net Position**

Calculation of net position as of June 30, were as follows:

	<u>2020</u>	<u>2019</u>
Net investment in capital assets:		
Capital assets, net	\$ <u>88,478</u>	<u>68,106</u>
Total net investment in capital assets	<u>88,478</u>	<u>68,106</u>
Restricted with other governments:		
Restricted - cash and cash equivalents	<u>845</u>	<u>845</u>
Total restricted with other governments	<u>845</u>	<u>845</u>
Unrestricted net position:		
Non-spendable net position:		
Prepaid expenses and deposits	<u>406,417</u>	<u>349,934</u>
Total non-spendable net position	<u>406,417</u>	<u>349,934</u>
Spendable net position are designated as follows:		
Undesignated net position reserve	<u>7,397,359</u>	<u>7,736,337</u>
Total spendable net position	<u>7,397,359</u>	<u>7,736,337</u>
Total unrestricted net position	<u>7,803,776</u>	<u>8,086,271</u>
Total net position	<u>\$ 7,893,099</u>	<u>8,155,222</u>

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(12) Risk Management**

The Watermaster is exposed to various risks of loss related to torts, theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The Watermaster is insured for a variety of potential exposures. The following is a summary of the insurance policies carried by the Watermaster as of June 30, 2020:

- Commercial General Liability: \$2,000,000 General Aggregate Limit (Other than Products/Completed Operations); \$2,000,000 Products/Completed Operations Aggregate Limit (Any One Person or Organization); \$1,000,000 Personal and Advertising Injury Limit; \$1,000,000 Each Occurrence Limit; \$300,000 Rented To You Limit; \$15,000 Medical Expenses Limit (Any One Person).
- Commercial Excess Liability: Limits of Liability are \$10,000 Retained Limit, \$8,000,000 Each Occurrence, \$8,000,000 General Aggregate Limit, \$8,000,000 Products/Completed Operations to Aggregate.
- Automobile: \$1,000,000 Combined Bodily Injury and Property Damage Single Limit (Each Accident); \$1,000,000 Uninsured Motorists Single Limit. \$1,000 deductible for Comprehensive and \$1,000 deductible for Collision.
- Property: \$525,000 with liability limits varying by property type with a \$1,000 deductible.
- Crime coverage: \$50,000 per claim with a \$1,000 deductible.
- Director & Officers Liability: \$1,000,000 Liability Coverage; Employment Practices Liability: \$1,000,000 Liability Coverage. Director and Officer/Crisis Management: \$25,000 to \$100,000 with liability limits varying by type of coverage.
- Workers' compensation: Total annual premium is \$6,246.

**(13) Governmental Accounting Standards Board Statements Issued, Not Yet Effective**

The Governmental Accounting Standards Board (GASB) has issued several pronouncements prior to June 30, 2020, that have effective dates that may impact future financial presentations.

***Governmental Accounting Standards Board Statement No. 84***

In January 2017, the GASB issued Statement No. 84 – *Fiduciary Activities*. The objective of this Statement is to improve guidance regarding the identification of fiduciary activities for accounting and financial reporting purposes and how those activities should be reported.

This Statement establishes criteria for identifying fiduciary activities of all state and local governments. The focus of the criteria generally is on (1) whether a government is controlling the assets of the fiduciary activity and (2) the beneficiaries with whom a fiduciary relationship exists. Separate criteria are included to identify fiduciary component units and postemployment benefit arrangements that are fiduciary activities.

This Statement describes four fiduciary funds that should be reported, if applicable: (1) pension (and other employee benefit) trust funds, (2) investment trust funds, (3) private-purpose trust funds, and (4) custodial funds. Custodial funds generally should report fiduciary activities that are not held in a trust or equivalent arrangement that meets specific criteria.

The requirements of this Statement were effective for reporting periods beginning after December 15, 2018; however, in light of the COVID-19 pandemic, the effective date has been postponed by one year. Earlier application is encouraged.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(13) Governmental Accounting Standards Board Statements Issued, Not Yet Effective, continued**

***Governmental Accounting Standards Board Statement No. 87***

In June 2017, the GASB issued Statement No. 87 – *Leases*. The objective of this Statement is to better meet the information needs of financial statement users by improving accounting and financial reporting for leases by governments. This Statement increases the usefulness of governments’ financial statements by requiring recognition of certain lease assets and liabilities for leases that previously were classified as operating leases and recognized as inflows of resources or outflows of resources based on the payment provisions of the contract. It establishes a single model for lease accounting based on the foundational principle that leases are financings of the right to use an underlying asset. Under this Statement, a lessee is required to recognize a lease liability and an intangible right-to-use lease asset, and a lessor is required to recognize a lease receivable and a deferred inflow of resources, thereby enhancing the relevance and consistency of information about governments’ leasing activities.

The requirements of this Statement were effective for reporting periods beginning after December 15, 2019; however, in light of the COVID-19 pandemic, the effective date has been postponed by 18 months. Earlier application is encouraged.

***Governmental Accounting Standards Board Statement No. 89***

In June 2018, the GASB issued Statement No. 89 – *Accounting for Interest Cost incurred Before the End of a Construction Period*. The objectives of this Statement are (1) to enhance the relevance and comparability of information about capital assets and the cost of borrowing for a reporting period and (2) to simplify accounting for interest cost incurred before the end of a construction period.

This Statement establishes accounting requirements for interest cost incurred before the end of a construction period. Such interest cost includes all interest that previously was accounted for in accordance with the requirements of paragraphs 5–22 of Statement No. 62, *Codification of Accounting and Financial Reporting Guidance Contained in Pre-November 30, 1989 FASB and AICPA Pronouncements*, which are superseded by this Statement. This Statement requires that interest cost incurred before the end of a construction period be recognized as an expense in the period in which the cost is incurred for financial statements prepared using the economic resources measurement focus. As a result, interest cost incurred before the end of a construction period will not be included in the historical cost of a capital asset reported in a business-type activity or enterprise fund.

This Statement also reiterates that in financial statements prepared using the current financial resources measurement focus, interest cost incurred before the end of a construction period should be recognized as an expenditure on a basis consistent with governmental fund accounting principles.

The requirements of this Statement were effective for reporting periods beginning after December 15, 2019; however, in light of the COVID-19 pandemic, the effective date has been postponed by one year. Earlier application is encouraged. The requirements of this Statement should be applied prospectively.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(13) Governmental Accounting Standards Board Statements Issued, Not Yet Effective, continued**

***Governmental Accounting Standards Board Statement No. 90***

In August 2018, the GASB issued Statement No. 90 – *Majority Equity Interests—an amendment of GASB Statements No. 14 and No. 61*. The primary objectives of this Statement are to improve the consistency and comparability of reporting a government’s majority equity interest in a legally separate organization and to improve the relevance of financial statement information for certain component units. It defines a majority equity interest and specifies that a majority equity interest in a legally separate organization should be reported as an investment if a government’s holding of the equity interest meets the definition of an investment. A majority equity interest that meets the definition of an investment should be measured using the equity method, unless it is held by a special-purpose government engaged only in fiduciary activities, a fiduciary fund, or an endowment (including permanent and term endowments) or permanent fund. Those governments and funds should measure the majority equity interest at fair value. For all other holdings of a majority equity interest in a legally separate organization, a government should report the legally separate organization as a component unit, and the government or fund that holds the equity interest should report an asset related to the majority equity interest using the equity method. This Statement establishes that ownership of a majority equity interest in a legally separate organization results in the government being financially accountable for the legally separate organization and, therefore, the government should report that organization as a component unit.

This Statement also requires that a component unit in which a government has a 100 percent equity interest account for its assets, deferred outflows of resources, liabilities, and deferred inflows of resources at acquisition value at the date the government acquired a 100 percent equity interest in the component unit. Transactions presented in flows statements of the component unit in that circumstance should include only transactions that occurred subsequent to the acquisition.

The requirements of this Statement were effective for reporting periods beginning after December 15, 2018; however, in light of the COVID-19 pandemic, the effective date has been postponed by one year. Earlier application is encouraged. The requirements should be applied retroactively, except for the provisions related to (1) reporting a majority equity interest in a component unit and (2) reporting a component unit if the government acquires a 100 percent equity interest. Those provisions should be applied on a prospective basis.

***Governmental Accounting Standards Board Statement No. 91***

In May 2019, the GASB issued Statement No. 91 – *Conduit Debt Obligations*. The primary objectives of this Statement are to provide a single method of reporting conduit debt obligations by issuers and eliminate diversity in practice associated with (1) commitments extended by issuers, (2) arrangements associated with conduit debt obligations, and (3) related note disclosures. This Statement achieves those objectives by clarifying the existing definition of a conduit debt obligation; establishing that a conduit debt obligation is not a liability of the issuer; establishing standards for accounting and financial reporting of additional commitments and voluntary commitments extended by issuers and arrangements associated with conduit debt obligations; and improving required note disclosures.

This Statement also addresses arrangements—often characterized as leases—that are associated with conduit debt obligations. In those arrangements, capital assets are constructed or acquired with the proceeds of a conduit debt obligation and used by third-party obligors in the course of their activities. Payments from third-party obligors are intended to cover and coincide with debt service payments. During those arrangements, issuers retain the titles to the capital assets. Those titles may or may not pass to the obligors at the end of the arrangements.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(13) Governmental Accounting Standards Board Statements Issued, Not Yet Effective, continued**

***Governmental Accounting Standards Board Statement No. 91, continued***

This Statement requires issuers to disclose general information about their conduit debt obligations, organized by type of commitment, including the aggregate outstanding principal amount of the issuers' conduit debt obligations and a description of each type of commitment. Issuers that recognize liabilities related to supporting the debt service of conduit debt obligations also should disclose information about the amount recognized and how the liabilities changed during the reporting period.

The requirements of this Statement were effective for reporting periods beginning after December 15, 2020; however, in light of the COVID-19 pandemic, the effective date has been postponed by one year. Earlier application is encouraged.

***Governmental Accounting Standards Board Statement No. 92***

In January 2020, the GASB issued Statement No. 92 – *Omnibus 2020*. The objectives of this Statement are to enhance comparability in accounting and financial reporting and to improve the consistency of authoritative literature by addressing practice issues that have been identified during implementation and application of certain GASB Statements.

The requirements of this Statement were as follows: (1) The requirements related to the effective date of Statement 87 and Implementation Guide 2019-3, reinsurance recoveries, and terminology used to refer to derivative instruments are effective upon issuance; (2) The requirements related to intra-entity transfers of assets and those related to the applicability of Statements 73 and 74 are effective for fiscal years beginning after June 15, 2020; (3) The requirements related to application of Statement 84 to postemployment benefit arrangements and those related to nonrecurring fair value measurements of assets or liabilities are effective for reporting periods beginning after June 15, 2020; and (4) The requirements related to the measurement of liabilities (and assets, if any) associated with AROs in a government acquisition are effective for government acquisitions occurring in reporting periods beginning after June 15, 2020; however, in light of the COVID-19 pandemic, the effective date has been postponed by one year. Earlier application is encouraged and is permitted by topic.

***Governmental Accounting Standards Board Statement No. 93***

In March 2020, the GASB issued Statement No. 93 – *Replacement of Interbank Offered Rates*. The objective of this Statement is to address accounting and financial reporting implications that result from the replacement of an IBOR.

This Statement achieves that objective by: (1) Providing exceptions for certain hedging derivative instruments to the hedge accounting termination provisions when an IBOR is replaced as the reference rate of the hedging derivative instrument's variable payment; (2) Clarifying the hedge accounting termination provisions when a hedged item is amended to replace the reference rate; (3) Clarifying that the uncertainty related to the continued availability of IBORs does not, by itself, affect the assessment of whether the occurrence of a hedged expected transaction is probable; (4) Removing LIBOR as an appropriate benchmark interest rate for the qualitative evaluation of the effectiveness of an interest rate swap; (5) Identifying a Secured Overnight Financing Rate and the Effective Federal Funds Rate as appropriate benchmark interest rates for the qualitative evaluation of the effectiveness of an interest rate swap; (6) Clarifying the definition of reference rate, as it is used in Statement 53, as amended; and (7) Providing an exception to the lease modifications guidance in Statement 87, as amended, for certain lease contracts that are amended solely to replace an IBOR as the rate upon which variable payments depend.



**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(13) Governmental Accounting Standards Board Statements Issued, Not Yet Effective, continued**

***Governmental Accounting Standards Board Statement No. 93, continued***

The requirements of this Statement were effective as follows: (1) The removal of LIBOR as an appropriate benchmark interest rate is effective for reporting periods ending after December 31, 2021; and (2) All other requirements of this Statement are effective for reporting periods beginning after June 15, 2020; however, in light of the COVID-19 pandemic, the effective dates have been postponed by one year. Earlier application is encouraged.

***Governmental Accounting Standards Board Statement No. 94***

In March 2020, the GASB issued Statement No. 94 – *Public-Private and Public-Public Partnerships and Availability Payment Arrangements*. The primary objective of this Statement is to improve financial reporting by addressing issues related to public-private and public-public partnership arrangements (PPPs). As used in this Statement, a PPP is an arrangement in which a government (the transferor) contracts with an operator (a governmental or nongovernmental entity) to provide public services by conveying control of the right to operate or use a nonfinancial asset, such as infrastructure or other capital asset (the underlying PPP asset), for a period of time in an exchange or exchange-like transaction. Some PPPs meet the definition of a service concession arrangement (SCA), which the Board defines in this Statement as a PPP in which (1) the operator collects and is compensated by fees from third parties; (2) the transferor determines or has the ability to modify or approve which services the operator is required to provide, to whom the operator is required to provide the services, and the prices or rates that can be charged for the services; and (3) the transferor is entitled to significant residual interest in the service utility of the underlying PPP asset at the end of the arrangement.

This Statement also provides guidance for accounting and financial reporting for availability payment arrangements (APAs). As defined in this Statement, an APA is an arrangement in which a government compensates an operator for services that may include designing, constructing, financing, maintaining, or operating an underlying nonfinancial asset for a period of time in an exchange or exchange-like transaction.

The requirements of this Statement are effective for fiscal years beginning after June 15, 2022, and all reporting periods thereafter. Earlier application is encouraged.

***Governmental Accounting Standards Board Statement No. 96***

In May 2020, the GASB issued Statement No. 96 – *Subscription-Based Information Technology Arrangements*. This Statement provides guidance on the accounting and financial reporting for subscription-based information technology arrangements (SBITAs) for government end users (governments). This Statement (1) defines a SBITA; (2) establishes that a SBITA results in a right-to-use subscription asset—an intangible asset—and a corresponding subscription liability; (3) provides the capitalization criteria for outlays other than subscription payments, including implementation costs of a SBITA; and (4) requires note disclosures regarding a SBITA. To the extent relevant, the standards for SBITAs are based on the standards established in Statement No. 87, *Leases*, as amended.

The requirements of this Statement are effective for fiscal years beginning after June 15, 2022, and all reporting periods thereafter. Earlier application is encouraged.



**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(13) Governmental Accounting Standards Board Statements Issued, Not Yet Effective, continued**

***Governmental Accounting Standards Board Statement No. 97***

In June 2020, the GASB issued Statement No. 97 – *Certain Component Unit Criteria, and Accounting and Financial Reporting for Internal Revenue Code Section 457 Deferred Compensation Plans—an amendment of GASB Statements No. 41 and No. 84, and a supersession of GASB Statement No. 32*. The primary objectives of this Statement are to (1) increase consistency and comparability related to the reporting of fiduciary component units in circumstances in which a potential component unit does not have a governing board and the primary government performs the duties that a governing board typically would perform; (2) mitigate costs associated with the reporting of certain defined contribution pension plans, defined contribution other postemployment benefit (OPEB) plans, and employee benefit plans other than pension plans or OPEB plans (other employee benefit plans) as fiduciary component units in fiduciary fund financial statements; and (3) enhance the relevance, consistency, and comparability of the accounting and financial reporting for Internal Revenue Code (IRC) Section 457 deferred compensation plans (Section 457 plans) that meet the definition of a pension plan and for benefits provided through those plans.

The requirements of this Statement that (1) exempt primary governments that perform the duties that a governing board typically performs from treating the absence of a governing board the same as the appointment of a voting majority of a governing board in determining whether they are financially accountable for defined contribution pension plans, defined contribution OPEB plans, or other employee benefit plans and (2) limit the applicability of the financial burden criterion in paragraph 7 of Statement 84 to defined benefit pension plans and defined benefit OPEB plans that are administered through trusts that meet the criteria in paragraph 3 of Statement 67 or paragraph 3 of Statement 74, respectively, are effective immediately. The requirements of this Statement that are related to the accounting and financial reporting for Section 457 plans are effective for fiscal years beginning after June 15, 2021. For purposes of determining whether a primary government is financially accountable for a potential component unit, the requirements of this Statement that provide that for all other arrangements, the absence of a governing board be treated the same as the appointment of a voting majority of a governing board if the primary government performs the duties that a governing board typically would perform, are effective for reporting periods beginning after June 15, 2021. Earlier application of those requirements is encouraged and permitted by requirement as specified within this Statement. The Board considered the effective dates for the requirements of this Statement in light of the COVID-19 pandemic and in concert with Statement No. 95, Postponement of the Effective Dates of Certain Authoritative Guidance.

**(14) Commitments and Contingencies**

***Grant Awards***

Grant funds received by the Watermaster are subject to audit by the grantor agencies. Such audit could lead to requests for reimbursements to the grantor agencies for expenditures disallowed under terms of the grant. Management of the Watermaster believes that such disallowances, if any, would not be significant.

***Litigation***

In the ordinary course of operations, the Watermaster is subject to claims and litigation from outside parties. After consultation with legal counsel, the Watermaster believes the ultimate outcome of such matters, if any, will not materially affect its financial condition.

**Chino Basin Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Years Ended June 30, 2020 and 2019**

**(14) Commitments and Contingencies, continued**

***COVID-19 Pandemic***

In December 2019, a novel strain of coronavirus has spread around the world resulting in business and social disruption. The coronavirus was declared a Public Health Emergency of International Concern by the World Health Organization on January 30, 2020. The operations and business results of the Commission could potentially be adversely affected by this global pandemic. The extent to which the coronavirus may impact business activity or investment results will depend on future developments, which are highly uncertain and cannot be predicted, including new information which may emerge concerning the severity of the coronavirus and the actions required to contain the coronavirus. The Commission has not included any contingencies in the financial statements specific to this issue.

**(15) Subsequent Events**

Events occurring after June 30, 2020, have been evaluated for possible adjustment to the financial statements or disclosure as of October 22, 2020 which is the date the financial statements were available to be issued.

# **Required Supplementary Information**

**Chino Basin Watermaster**  
**Schedules of Changes in the Watermaster's Net OPEB Liability and Related Ratios**  
**For the Year Ended June 30, 2020**  
**Last Ten Years\***

**Defined Benefit OPEB Plan**

	<u>2020</u>	<u>2019</u>	<u>2018</u>
<b>Total OPEB Liability</b>			
Service cost	\$ 17,062	18,418	16,048
Interest	8,739	7,571	7,073
Change in assumptions	17,923	(17,582)	14,256
Benefit payments	<u>(3,722)</u>	<u>(2,423)</u>	<u>(2,308)</u>
<b>Net change in total OPEB liability</b>	40,002	5,984	35,069
<b>Total OPEB liability - beginning of year</b>	<u>214,783</u>	<u>208,799</u>	<u>173,730</u>
<b>Total OPEB liability - end of year (a)</b>	\$ <u>254,785</u>	<u>214,783</u>	<u>208,799</u>
 <b>Plan Fiduciary Net Position</b>			
Contributions - employer	\$ 3,722	2,423	2,308
Administrative expense	<u>(3,722)</u>	<u>(2,423)</u>	<u>(2,308)</u>
<b>Net change in plan fiduciary net position</b>	-	-	-
<b>Plan Fiduciary Net Position - beginning of year</b>	<u>-</u>	<u>-</u>	<u>-</u>
<b>Plan Fiduciary Net Position - end of year (b)</b>	<u>-</u>	<u>-</u>	<u>-</u>
<b>Net OPEB Liability - ending (a) - (b)</b>	\$ <u><u>254,785</u></u>	<u><u>214,783</u></u>	<u><u>208,799</u></u>
<b>Plan Fiduciary Net Position as a percentage of the Total OPEB Liability</b>	0.00%	0.00%	0.00%
<b>Covered - employee payroll</b>	N/A	N/A	N/A
<b>Net OPEB Liability as a percentage of covered-employee payroll</b>	N/A	N/A	N/A

**Note:**

The Watermaster adopted GASB 75 for the fiscal year ended June 30, 2018.

**Benefit changes** – None noted.

\* The Watermaster has presented information for those years for which information is available until a full 10-year trend is compiled.

**Chino Basin Watermaster  
Schedules of Watermaster's OPEB Contributions  
For the Year Ended June 30, 2020  
Last Ten Years\***

**Defined Benefit OPEB Plan**

	<u>2020</u>	<u>2019</u>	<u>2018</u>
Actuarially Determined Contribution	\$ 525,655	358,358	402,609
Contributions in relation to the Actuarially Determined Contribution	-	-	-
Contribution Deficiency (Excess)	\$ -	-	-
Watermaster's Covered-Employee Payroll	1,091,719	1,031,755	860,266
Contribution's as a percentage of Covered-Employee Payroll	48.15%	34.73%	13.46%

**Notes to Schedule**

***Valuation date:***

Actuarially determined contribution rates are calculated as of December 31, 2019, six months prior to the end of the fiscal year in which contributions are reported.

***Methods and assumptions used to determine contribution rates:***

Valuation Date	December 31, 2019
Measurement Date	December 31, 2019
Actuarial cost method	Entry Age Normal cost method in accordance with the requirements of GASB Statement No. 75
Actuarial assumptions:	
Discount rate	2.66% per annum
Inflation	2.75% per annum
Salary increases	3.00% per annum, in aggregate
Funding Practice	Pay-as-you-go
Participation Rates	50% of eligible active employees are assumed to elect medical coverage at retirement. Future retirees are assumed to elect similar plans as current retirees. Actual plan coverage is used for current retirees.
Healthcare cost trend rates	Medical costs are adjusted in future years by the following trends:
2020	PPO/HMO: 6.50%
2021	PPO/HMO: 6.25%
2022	PPO/HMO: 6.00%%
2023	PPO/HMO: 5.75%
2024+	PPO/HMO: 5.50%

\* The Watermaster has presented information for those years for which information is available until a full 10-year trend is completed.

**Chino Basin Watermaster  
Schedules of the Watermaster's Proportionate Share of the Net Pension Liability  
As of June 30, 2020  
Last Ten Years\***

Description	Fiscal Year			
	6/30/2020	6/30/2019	6/30/2018	6/30/2017
Watermaster's Proportion of the Net Pension Liability	0.01277%	0.01233%	0.01221%	0.01206%
Watermaster's Proportionate Share of the Net Pension Liability	\$ 1,308,658	1,188,162	1,210,470	1,043,862
Watermaster's Covered-Employee Payroll	\$ 1,091,719	1,031,755	860,266	979,741
Watermaster's proportionate share of the net pension liability as a Percentage of its Covered-Employee Payroll	119.87%	115.16%	140.71%	106.54%
Plan's Fiduciary Net Position as a Percentage of the Plan's Total Pension Liability	76.24%	75.76%	73.43%	75.36%
Plan's Proportionate Share of Aggregate Employer Contributions	\$ 173,953	141,457	126,549	118,862

**Notes to the Schedule of the Watermaster's Proportionate Share of Net Pension Liability:**

**Changes in Benefit Terms** – The Watermaster can make changes to their plan provisions, and such changes occur on an ongoing basis. A summary of the plan provisions that were used for the Watermaster's plan can be found in the plan's annual valuation report.

**Changes of Assumptions** – In fiscal year 2018, the financial reporting discount rate was lowered from 7.65% to 7.15% - in fiscal year 2020, the discount rate remained at 7.15%. In December 2016, the CalPERS Board approved lowering the funding discount rate used from 7.50% to 7.00%, which is to be phased-in over a three-year period (7.50% to 7.375%, 7.375% to 7.25%, and 7.25% to 7.00%) beginning with the June 30, 2016, valuation reports. The funding discount rate includes a 15 basis-point reduction for administrative expenses, and the remaining decrease is consistent with the change in the financial reporting discount rate.

\* The Watermaster has presented information for those years for which information is available until a full 10-year trend is compiled.

**Chino Basin Watermaster  
Schedules of Pension Plan Contributions  
As of June 30, 2020  
Last Ten Years\***

<b>Description</b>	<b>Fiscal Year</b>				
	<b>6/30/2020</b>	<b>6/30/2019</b>	<b>6/30/2018</b>	<b>6/30/2017</b>	<b>6/30/2016</b>
Actuarially Determined Contribution	\$ 192,849	155,931	151,169	132,932	110,292
Contributions in Relation to the Actuarially Determined Contribution	(202,432)	(151,517)	(114,507)	(133,410)	(133,410)
Contribution Deficiency (Excess)	\$ (9,583)	4,414	36,662	(478)	(23,118)
Covered Payroll	\$ 1,091,719	1,031,755	860,266	979,741	888,483
Contributions as a percentage of Covered-Employee Payroll	18.54%	14.69%	13.31%	13.62%	15.02%

**Note to the Schedule of Pension Plan Contributions:**

\* The Watermaster has presented information for those years for which information is available until a full 10-year trend is compiled.

# **Supplemental Information Section**



**Chino Basin Watermaster  
Combining Schedule of Revenue, Expenses and Changes in Net Position  
For the Fiscal Year Ended June 30, 2020**

	Watermaster Administration	Optimum Basin Management	Pool Administration and Special Projects		Groundwater Replenishment	LAIF Value Adj.	GASB 75 Beg. Net Position	Grand Totals	Amended Budget 2019-2020
			Appropriative Pool	Agricultural Pool					
<b>Administrative Revenues:</b>									
Administrative Assessments			8,265,837					8,630,373	8,463,297
Interest Revenue			172,301	10,354				185,106	75,124
Mutual Agency Project Revenue	171,905							171,905	171,906
Miscellaneous Income	94							94	-
<b>Total Revenues</b>	<b>171,999</b>	<b>-</b>	<b>8,438,138</b>	<b>10,354</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,987,479</b>	<b>8,712,327</b>
<b>Administrative &amp; Project Expenditures:</b>									
Watermaster Administration	1,814,787							1,814,787	1,639,738
Watermaster Board-Advisory Committee	179,693							179,693	183,147
Ag Pool Misc. Expense - Ag Fund								-	400
Pool Administration			258,169	624,838				978,631	836,473
Optimum Basin Mgmt Administration		2,514,835						2,514,835	2,391,840
OBMP Project Costs		2,611,392						2,611,392	3,930,468
Debt Service		526,276						526,276	633,440
Basin Recharge Improvements								-	1,634,782
<b>Total Administrative/OBMP Expenses</b>	<b>1,994,480</b>	<b>5,652,503</b>	<b>258,169</b>	<b>624,838</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,625,614</b>	<b>11,250,288</b>
<b>Net Administrative/OBMP Expenses</b>	<b>(1,822,481)</b>	<b>(5,652,503)</b>							
Allocate Net Admin Expenses To Pools		1,343,924	417,474					-	-
Allocate Net OBMP Expenses To Pools		5,126,227	3,824,059.89	1,174,261				-	-
Allocate Debt Service to App Pool		526,276						-	-
Allocate Basin Recharge to App Pool		-						-	-
<b>Agricultural Expense Transfer*</b>			<b>2,216,573</b>	<b>(2,216,573)</b>					
<b>Total Expenses</b>	<b>8,169,003</b>	<b>-</b>	<b>269,135</b>	<b>10,354</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8,625,614</b>	<b>11,250,288</b>
<b>Net Administrative Income</b>			<b>269,135</b>	<b>82,376</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>361,865</b>	<b>(2,537,961)</b>
<b>Other Income/(Expense)</b>									
Replenishment Water Assessments					1,059,430			1,059,430	-
Desalter Replenishment Obligation					61,942			61,942	-
Exhibit "C" Non-Ag Pool Water			675,000					675,000	-
RTS Charges from IEUA					(31,147)			(31,147)	-
Interest Revenue					5,738			5,738	-
MWD Water Purchases								-	-
Non-Ag Stored Water Purchases								-	-
Exhibit "C" Non-Ag Pool Water								(675,000)	-
Groundwater Replenishment					(1,413,794)			(1,413,794)	-
LAIF - Fair Market Value Adjustment						26,985		26,985	-
Gain on Sale of Assets		2,438						2,438	-
Other Post-Employment Benefits (OPEB)				95					-
Refund-Excess Reserves		(271,110)						(271,110)	-
Refund-Recharge Debt		(64,564)						(64,564)	-
Funding To/(From) Reserves									(225,500)
<b>Net Other Income/(Expense)</b>			<b>(333,237)</b>	<b>-</b>	<b>(317,832)</b>	<b>26,985</b>	<b>-</b>	<b>(623,988)</b>	<b>(225,500)</b>
<b>Net Transfers To/(From) Reserves</b>		<b>(262,123)</b>	<b>(64,101)</b>	<b>10,354</b>	<b>82,471</b>	<b>26,985</b>	<b>-</b>	<b>(262,123)</b>	<b>(2,312,461)</b>
		(0)							
<b>Net Assets, July 1, 2019</b>			<b>7,737,656</b>	<b>505,144</b>	<b>314,372</b>	<b>16,184</b>	<b>(443,445)</b>	<b>8,155,222</b>	
<b>Net Assets, End of Period</b>			<b>7,673,555</b>	<b>515,498</b>	<b>(3,460)</b>	<b>43,169</b>	<b>(443,445)</b>	<b>7,893,099</b>	<b>7,893,099</b>
<b>19/20 Assessable Production</b>			<b>69,918,990</b>	<b>21,841,407</b>	<b>3,588,067</b>			<b>95,348,464</b>	
<b>19/20 Production Percentages</b>			<b>73.30%</b>	<b>22.907%</b>	<b>3.763%</b>			<b>100.000%</b>	

\* Fund balance transfer as agreed to in the Peace Agreement.

**Chino Basin Watermaster  
Combining Schedule of Revenue, Expenses and Changes in Net Position  
For the Fiscal Year Ended June 30, 2019**

	Watermaster Administration	Pool Administration and Special Projects			Groundwater Replenishment	LAF Value Adj.	GASB 75 Beginning Position	Grand Totals	Amended Budget 2018-2019
		Optimum Basin Management	Appropriative Pool	Agricultural Pool					
<b>Administrative Revenues:</b>									
Administrative Assessments		8,298,615						8,690,772	8,695,545
Interest Revenue		213,712	12,036					227,855	63,968
Mutual Agency Project Revenue	167,712							167,712	167,712
Miscellaneous Income	237							237	-
<b>Total Revenues</b>	<b>167,950</b>	<b>8,512,327</b>	<b>12,036</b>	<b>394,264</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>9,086,577</b>	<b>8,927,225</b>
<b>Administrative &amp; Project Expenditures:</b>									
Watermaster Administration	2,043,156							2,043,156	1,654,141
Watermaster Board-Advisory Committee	197,612							197,612	209,519
Ag. Pool Misc. Expense - Ag Fund		135,480	397,651	142,771				675,901	690,643
Pool Administration		1,902,174						1,902,174	2,038,267
OBMP Project Costs		4,227,588						4,227,588	5,412,869
Debt Service		516,021						516,021	580,585
Basin Recharge Improvements		1,434,159						1,434,159	3,068,941
<b>Total Administrative/OBMP Expenses</b>	<b>2,240,768</b>	<b>135,480</b>	<b>397,651</b>	<b>142,771</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,996,610</b>	<b>13,655,365</b>
<b>Net Administrative/OBMP Expenses</b>	<b>(2,072,818)</b>	<b>(8,079,941)</b>							
Allocate Net Admin Expenses To Pools		6,129,761	539,172	77,573					
Allocate Net OBMP Expenses To Pools		4,305,915.21	1,594,445	229,400.62					
Allocate Debt Service to App Pool		516,021							
Allocate Basin Recharge to App Pool		1,434,159							
<b>Agricultural Expense Transfer*</b>		<b>2,531,268</b>	<b>(2,531,268)</b>						
<b>Total Expenses</b>		<b>10,378,916</b>	<b>-</b>	<b>449,745</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>10,996,610</b>	<b>13,655,365</b>
<b>Net Administrative Income</b>		<b>(1,866,589)</b>	<b>12,036</b>	<b>(55,481)</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(1,910,034)</b>	<b>(4,728,140)</b>
<b>Other Income/(Expense)</b>									
Replenishment Water Assessments					796,239			796,239	-
Desalter Replenishment Obligation									
Non-Ag Stored Water Purchases		131,000						131,000	-
Exhibit "C" Non-Ag Pool Water					(29,084)			(29,084)	-
RTS Charges from IEUA					10,776			10,776	-
Interest Revenue									
MWD Water Purchases									
Non-Ag Stored Water Purchases									
Exhibit "C" Non-Ag Pool Water									
MWD Water Purchases									
Groundwater Replenishment					(459,025)			(459,025)	-
LAF - Fair Market Value Adjustment						36,645		36,645	-
Other Post-Employment Benefits (OPEB)									
Refund-Excess Reserves									
Refund-Recharge Debt									
Funding To/(From) Reserves		(57,732)						(57,732)	-
<b>Net Other Income/(Expense)</b>		<b>(57,732)</b>	<b>-</b>	<b>-</b>	<b>318,906</b>	<b>36,645</b>	<b>-</b>	<b>297,819</b>	<b>-</b>
<b>Net Transfers To/(From) Reserves</b>		<b>(1,612,214)</b>	<b>12,036</b>	<b>(55,481)</b>	<b>318,906</b>	<b>36,645</b>	<b>-</b>	<b>(1,612,214)</b>	<b>(4,728,140)</b>
<b>Net Assets, July 1, 2018</b>		<b>9,661,977</b>	<b>493,108</b>	<b>80,791</b>	<b>(4,534)</b>	<b>(20,461)</b>	<b>(443,445)</b>	<b>9,767,436</b>	<b>8,155,222</b>
<b>Net Assets, End of Period</b>		<b>7,737,656</b>	<b>505,144</b>	<b>25,310</b>	<b>314,372</b>	<b>16,184</b>	<b>(443,445)</b>	<b>8,155,222</b>	<b>8,155,222</b>
<b>17/18 Assessable Production</b>		<b>76,859,928</b>	<b>28,460,605</b>	<b>4,094,766</b>				<b>109,415,299</b>	
<b>17/18 Production Percentages</b>		<b>70.246%</b>	<b>26.012%</b>	<b>3.742%</b>				<b>100.000%</b>	

\* Fund balance transfers as agreed to in the Peace Agreement.

# **Report on Internal Controls and Compliance**



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### **Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with *Government Auditing Standards***

Board of Directors  
Chino Basin Watermaster  
Rancho Cucamonga, California

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the Chino Basin Watermaster (Watermaster) as of and for the years ended June 30, 2020 and 2019, and the related notes to the financial statements, which collectively comprises the Watermaster's basic financial statements, and have issued our report thereon dated October 22, 2020.

#### **Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the Watermaster's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Watermaster's internal control. Accordingly, we do not express an opinion on the effectiveness of the Watermaster's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

#### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the Watermaster's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audits, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

**Independent Auditor's Report on Internal Controls Over Financial Reporting  
And on Compliance and Other Matters Based on an Audit of Financial Statements  
Performed in Accordance with *Government Auditing Standards*, (continued)**

**Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the Watermaster's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the Watermaster's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

*Fedak & Brown LLP*

**Fedak & Brown LLP**  
Cypress, California  
October 22, 2020

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**CHINO BASIN WATERMASTER STAFF 2020**

CHINO BASIN WATERMASTER

Case No. RCVRS 51010

Chino Basin Municipal Water District v. City of Chino, et al.

PROOF OF SERVICE

I declare that:

I am employed in the County of San Bernardino, California. I am over the age of 18 years and not a party to the within action. My business address is Chino Basin Watermaster, 9641 San Bernardino Road, Rancho Cucamonga, California 91730; telephone (909) 484-3888.

On January 29, 2021 I served the following:

1. DECLARATION OF BRADLEY J. HERREMA IN SUPPORT OF WATERMASTER'S MOTION FOR COURT TO RECEIVE AND FILE WATERMASTER'S 43<sup>RD</sup> ANNUAL REPORT

/ X / BY MAIL: in said cause, by placing a true copy thereof enclosed with postage thereon fully prepaid, for delivery by United States Postal Service mail at Rancho Cucamonga, California, addresses as follows:

**See attached service list:** Mailing List 1

/ \_\_\_ / BY PERSONAL SERVICE: I caused such envelope to be delivered by hand to the addressee.

/ \_\_\_ / BY FACSIMILE: I transmitted said document by fax transmission from (909) 484-3890 to the fax number(s) indicated. The transmission was reported as complete on the transmission report, which was properly issued by the transmitting fax machine.

/ X / BY ELECTRONIC MAIL: I transmitted notice of availability of electronic documents by electronic transmission to the email address indicated. The transmission was reported as complete on the transmission report, which was properly issued by the transmitting electronic mail device.

I declare under penalty of perjury under the laws of the State of California that the above is true and correct.

Executed on January 29, 2021 in Rancho Cucamonga, California.



By: Janine Wilson  
Chino Basin Watermaster



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