

## CHINO BASIN WATERMASTER

## THIRTY-FOURTH ANNUAL REPORT

FISCAL YEAR 2010-11



# ADAPTING TO CHANGE THROUGH COLLABORATION

#### A MESSAGE FROM CHINO BASIN WATERMASTER

**End of Statewide Drought.** The 2010-2011 fiscal year brought many changes to Chino Basin Watermaster and its partners. Rainfall data showed that 2007-2009 was the twelfth driest three-year period in the state's history. The next year had improved rainfall, though it was still below average. This fiscal year, California experienced the second wettest year on record, filling the State's surface reservoirs and allowing the Governor to officially proclaim an end to California's drought.

Replenishment Water Available for First Time Since 2007—Watermaster is First to Place an Order. As a result of the State's plentiful water supply, Metropolitan Water District of Southern California made imported water available at the replenishment rate for the first time since 2007. Watermaster took full advantage of the water that was available for purchase.

Personnel Changes, but Spirit of Collaboration Continues. There were many key changes in the fiscal year. Notably, Watermaster CEO, Kenneth Manning, left in March 2011. There were also leadership changes at Basin partner agencies, such as the Inland Empire Utilities Agency's appointment of Tom Love as General Manager. Change can bring opportunity and Watermaster stakeholders continue to carry on the tradition of collaboration within the Basin.

Focus on Cost-Effectiveness and Working Together. With the economic downturn continuing, a drop in growth, and with water use trends on the decline, the amount of new water supplies needed in the future may be less than previously thought. As a result, Watermaster and its partners are evaluating how to best implement the 2010 Recharge Master Plan Update and other programs to most cost-effectively meet water supply and water quality goals.

As always, Watermaster is utilizing the best scientific and technology tools, forward thinking, and collaborative decision-making to steer its way into the future on behalf of all water users in the region.

Chino Basin Watermaster Board of Directors and Staff

# WATERMASTER'S HISTORY OF PROBLEM SOLVING

#### FROM CONFLICT TO PEACE AND BEYOND

Over many years, Watermaster has developed an effective, consensus-based governance structure that has allowed stakeholders to actively participate in decision-making through participation in various committees, pools and the Board of Directors.

#### Early 1970s and Before: Conflict Over Water Supplies

Basin stakeholders had endured decades of conflict over water supplies, but this began to change in 1974 when they signed a Memorandum of Agreement. Within a year, the state authorized a \$2 assessment per acre-foot of water to help support this effort by funding development of a Chino Groundwater Plan.

#### 1978: Watermaster Provides a Permanent Forum

By 1978 a permanent structure was created by the San Bernardino Superior Court when it formed Watermaster. In subsequent years, Watermaster developed a governance structure, technical understanding and funding to manage the Basin.

## Late 1990s: Optimum Basin Management Program, a Major Technical Advance

In the late 1990s, Watermaster developed a detailed program consisting of hundreds of specific actions designed to resolve Basin water supply and quality challenges. This program, required by the Court, is being systematically implemented and continually refined.

## 2000 and 2007: Peace Agreements Represent a Major Institutional Advance

Following years of negotiation, Basin stakeholders and the Court approved the Peace (I) Agreement in 2000, formalizing and making permanent the Watermaster governance structure. In 2007, a more profound level of collaboration became possible through signing of the Peace II Agreement that provides hundreds of millions of dollars in cost-savings and other benefits through basin reoperation.

1974 and 1975: First Region-Wide Agreement 1978: Watermaster Provides a Permanent Forum



1970

1980

1990

Early 1970s and Before: Conflict Over Water Supplies



#### 2008-2010: Recharge Master Plan Update Development

The most important single initiative of the past two years was the 2010 Recharge Master Plan Update. Work on the Plan was initiated at the 2008 Strategic Planning Conference. During the rest of the year and through 2009 the Recharge Master Plan Update was developed and finalized. Implementation of the Recharge Master Plan Update will begin during the 2012-2013 fiscal year.

## 2010 and Beyond: Increasing Capabilities and Successfully Managing Water Supply and Quality

Watermaster will continue to work in many arenas to increase water management capabilities and successes with more technical sophistication, better cost effectiveness and continually improved results. The lower than expected water demand provides opportunity to further update the Recharge Master Plan and implement it in a cost-effective manner to meet needs.

What distinguishes progress in 2010-2011, and in recent years, are achievements that build on each other to make it possible to monitor, protect, and expand our water supply and quality in ways that simply could not be achieved in the past.

- Improved working relationships and governance tools through Watermaster that allow stakeholders to work together and resolve complex challenges in a sustained way.
- Regional partnerships that make it possible to plan and implement large, cost-effective projects involving multiple parties, and that utilize multiple sources: recycled water, stormwater, imported water and groundwater.
- Extensive physical facilities: desalters, recharge basins, pipelines and channels that allow Watermaster to collect, spread and move water.
- Unique regulatory and management tools: such as hydraulic control and maximum benefit that will provide up to 140,000 acre-feet of new water and a massive avoidance of wastewater treatment costs.

Late 1990s: Optimum Basin Management Program, a Major Technical Advance 2007: Peace II Agreement 2010 and Beyond: Increasing Capabilities and Successfully Managing Water Supply and Quality

2000

2010

2020

2000: Peace (I) Agreement 2008-2010: Recharge Master Plan Update



## COMPREHENSIVE MONITORING SUPPORTS EFFECTIVE MANAGEMENT

Watermaster carries out extensive monitoring programs that help manage the Basin water supply and water quality with improved cost-effectiveness and sustainability. It is a big job, with hundreds of wells being monitored across 220 square miles.

#### GROUNDWATER LEVEL MONITORING FROM APPROXIMATELY 900 WELLS

The current groundwater level monitoring program is comprised of approximately 900 wells. Most are measured by well owners and collected via the Chino Basin Data Collection (CBDC) program. The remaining 200 wells are primarily in the southern Chino Basin where water levels are measured manually once per month or with a pressure transducer every 15 minutes. Groundwater level monitoring helps manage hydraulic control, land subsidence, desalter impacts on private wells, and more.

# EXTENSIVE GROUNDWATER QUALITY MONITORING PROGRAM FROM APPROXIMATELY 750 WELLS

- 1. Annual key well water quality monitoring program consisting of approximately 120 wells, targeting primarily privately-owned agricultural wells in the southern portion of Chino Basin. About 60 wells are sampled each year.
- Annual desalter water quality sampling at nine monitoring well clusters strategically placed between the Chino Basin desalter well fields and the Santa Ana River to analyze the effect of desalter pumping.
- 3. *Chino Basin Data Collection program,* in which stakeholders supply groundwater quality data to Watermaster from about 670 wells.

#### OTHER MONITORING ACTIVITIES

**Groundwater-Production Monitoring from Approximately 750 Active Production Wells.** Appropriative Pool and Non-Agricultural Pool Parties report well production data quarterly. All active Agricultural Pool wells, except for minimum user wells, are now metered and read quarterly by Watermaster staff.

**Alcoa Monitoring Wells Transferred to Watermaster.** The transfer of three Alcoa monitoring wells to Watermaster was finalized to preserve the wells for the regional groundwater monitoring program.

**Surface Water Monitoring for Recharge.** Watermaster measures the quantity of storm and supplemental water entering the recharge basins. Pressure transducers are used to measure water levels during recharge. Imported water quality data are also obtained. These data are used in the accounting of diluent water for the Chino Basin Recycled Water Groundwater Recharge Program.

**Bi-Weekly Surface Water Monitoring.** To assess hydraulic control, Watermaster measures the discharge of the River and water quality parameters to determine where the River is gaining flow from the Basin and/or losing flow into the Basin. Water quality measurements, including monthly sampling at four near-river wells, are combined with discharge data from permanent USGS stream gauges and watermaster treatment plant data.



Near record rainfall in 2011 filled Southern California storage reservoirs.

# CHINO GROUNDWATER BASIN: TWO TRILLION GALLONS, 750 PRODUCTION WELLS, ONE MILLION RESIDENTS

**Imported Surface Water** 

Well

**Treated in Desalters** 

#### Data from 1,000 Wells in a Single Database

All the data from about 1,000 monitoring and production wells across the Basin are checked by staff and uploaded to a centralized relational database with a map-based interface. This improves Watermaster's ability to provide overall management of water supply and quality.

Wastewater/Recycled Water Treatment Plant

Santa Ana

Treatment Recharge

Stormwater

Storage

Unsaturated Zone (unused storage)

High-Quality Groundwater

Watermaster petitioned the Regional
Water Quality Control Board to make

Water Quality Control Board to make the monitoring program more costeffective by targeting monitoring more accurately to just where it is needed, eliminating unneeded monitoring in some areas and increasing monitoring in other areas. The end result will be cost-savings and better data collection while meeting Basin management requirements.

Making the Massive Monitoring Program More Cost Effective

# COLLABORTIVE RECHARGE: KEY TO SOLVING LONG-TERM WATER

The recharge program is a comprehensive, ongoing water supply program to enhance water supply reliability and improve the groundwater quality in drinking water wells throughout the Chino Basin by increasing groundwater recharge of stormwater, imported water and recycled water.

#### 2010-2011: A YEAR OF RECORDS

**Drought Ends with California's Second Wettest Year on Record,** filling the State's surface reservoirs and allowing the Governor to officially proclaim an end to California's drought.

**Record Rainfall Capture.** The total rainfall captured in December alone was over 7,200 acre-feet. The December 2010 storms brought enough rain to fill all of the recharge basins overlying the Chino Basin. This was a record month for rainfall, as well as for water captured and recharged.

First Imported Replenishment Water Available Since 2007. Watermaster moved quickly to purchase as much imported replenishment water as it could.

#### Second Highest Stormwater Recharge in History.

Approximately 17,000 acre-feet of stormwater were recharged during the fiscal year, the second-highest year on record.

**Recycled Water Recharge.** Approximately 8,000 acre-feet of recycled water were recharged during the fiscal year, the highest recorded, despite large amounts of stormwater and imported water recharge competing for space.

RECHARGE MASTER
PLAN BACKGROUND

The recharge program has multiple sources of water—imported, recycled and storm—and is managed by Watermaster. In addition, Watermaster holds the water right permits to divert, percolate and store stormwater. Operation of the facilities is handled by IEUA, which defers to County Flood Control during storm periods. Watermaster and IEUA have a joint recharge permit from the Regional Water Quality Control Board for the recharge of imported, storm and recycled water.

## Watermaster is Working with IEUA, Ontario and SANBAG to Save \$4.5 Million

Watermaster and IEUA are working together to develop two new retention facilities at the Turner Basin. The City of Ontario and San Bernardino Associated Governments (SANBAG) agreed to spend \$4.5 million to dig out 175,000 cubic yards of soil to form a new water retention basin. In exchange they are keeping the soil for a railroad crossing project.

There is also discussion of enlarging the 5th retention basin east of Archibald. The project, which is being managed by IEUA with the support of Watermaster parties, is promising to increase groundwater recharge by several hundred acre-feet per year.



## SUPPLY CHALLENGES

## Watermaster Provides a Cooperative Forum to Identify Better Ways to Balance the Basin

In the southeast end of the Basin near the desalters, the shallow Jurupa well field is being drawn down and the local water utility wants it recharged. Recharging this part of the Basin will be evaluated as a part of continued Recharge Master Plan updating. Aquifer storage and recovery wells, improving spreading facilities in that area, relocating pumping, and water exchanges will be reviewed. It may be cost-effective to import potable water to the area, allowing the local water provider to pump less water rather than having water brought in to recharge the groundwater Basin. The options will be evaluated with an implementation plan in 2012 and financing option in 2013

# SOME COMMON WATER TERMS HAVE A SPECIFIC MEANING IN THE CHINO BASIN:

**Replenishment** means recharge to offset or mitigate production by a Party in excess of their production right.

**Recharge** is a process of putting water into the Basin to accomplish replenishment or to store water.



# MILESTONES ACHIEVED IN PROGRESS TOWARD WATER INDEPENDENCE

Watermaster continued to make progress toward its commitment to expand desalters and obtain hydraulic control through a variety of coordinated and collaborative efforts with partner agencies.

#### **Completion of the Peace II SEIR**

The Subsequent Environmental Impact Report (SEIR) for Peace II was circulated for public review in the last fiscal year. The final report was completed in September 2010 by IEUA. This marks another important step in the implementation of the critically important Peace II Agreement that benefits all Watermaster parties.

#### INTERLOCKING INITIATIVES PROVIDE MASSIVE BENEFITS

Many of the programs carried out by Watermaster have been built incrementally upon the others. They work synergistically to provide the greatest water supply and water quality benefits at the lowest reasonable cost to stakeholders.

Peace II Provides the Governance Framework and Agreements Needed to Bring Many Far-Sighted Plans and Programs Together to provide massive water quality, water supply and financial benefits.

Maximum Benefit Approach Allows Vastly Increased Recycled Water Use by convincingly demonstrating to regulators that increasing recycled water recharge will not impact beneficial uses of the water.

**Hydraulic Control Required to Implement Maximum Benefit.** In order to be regulated under the maximum benefit approach, Watermaster is required by regulators to maintain hydraulic control and stop water from leaking out of the Basin.

Basin Reoperation was Developed to Achieve Both Hydraulic Control and Maximum Benefit.

Pumping down groundwater levels in the Basin, over decades, achieves hydraulic control and also allows more recycled water to be added in the north part of the Basin, achieving maximum benefit.

#### **Desalters Achieve Hydraulic Control and Other Benefits**

- Hydraulic Control Desalters pump out water, lowering groundwater levels so water stops flowing out of the Basin and into the Santa Ana River, keeping water in-Basin for local use.
- Removes Contamination The desalters provide a very high level of treatment, removing contaminants from the Basin that had built up over decades.
- Increased Recharge of Recycled Water The desalters remove large amounts of salts from the groundwater, ensuring maximum benefit by allowing increased recharge of recycled water.
- New Water Supply Increases Local Water Independence The 400,000 acre-feet of water that will be pumped out to lower groundwater levels is new water that will be available to basin water users without the replenishment obligation.
- Massive Cost Savings An independent economic analysis suggested that the long-term benefits
  may total hundreds of millions of dollars to the region.

# FINAL ACTIONS AND FUNDING APPROVED TO OBTAIN HYDRAULIC CONTROL

The southwest portion of the Basin is the only remaining area where desalter wells are not pumping enough groundwater to achieve hydraulic control. A number of steps were taken or approved that will allow Watermaster and its partners to achieve full hydraulic control.

Planning has continued between the Chino Desalter Authority (CDA) and Western Municipal Water District (WMWD) to expand the Chino desalters by 11,800 acre-feet per year (10.5 MGD). The program will improve hydraulic control and provide new water supplies. At least six wells are being constructed with three already begun. Completion of these wells will satisfy commitments of the Basin Plan, and the Peace II Agreement to achieve hydraulic control.

Local Resources Program
Grant to Expand Desalter II
Facilities. On June 14, 2011,
the Metropolitan Water District
of Southern California (MWD)
Board approved a Local
Resources Program (LRP) grant
for the desalters. This local
subsidy will make it possible to
complete the final build-out of
the desalters, including the Chino
Creek Well Field, to achieve
hydraulic control.

PEACE II IS RESULTING IN IMPROVED FLEXIBILITY IN MANAGING THE BASIN'S WATER SUPPLY, AND HUNDREDS OF MILLIONS OF DOLLARS IN LONGTERM COST SAVINGS.

COMPLETING THE CHINO CREEK WELL FIELD IS THE FINAL MAJOR STEP NEEDED TO ACHIEVE HYDRAULIC CONTROL. THIS IS A MAJOR MILESTONE THAT WILL SATISFY COMMITMENTS OF THE BASIN PLAN AND THE PEACE II AGREEMENTS.

Facilitated Development and Regulatory Approval of Implementation Schedule and Well Locations. Watermaster worked with the involved parties to develop a realistic implementation schedule that was approved by the Regional Water Quality Control Board in June 2010. Raw water will be drawn from existing CDA II wells, along with possible additional new wells, if needed. In addition, a new Chino Creek Well Field (CCWF), required for the hydraulic control

commitment associated with maximum benefit, will provide additional raw water to the Chino I Desalter, enabling some existing wells to direct production to the expanded Chino II Desalter facility. The well field locations were approved by Watermaster.

Actions to Minimize
Subsidence. Watermaster
must ensure that pumping
at the Chino Creek Well
Field does not cause land
subsidence. To accomplish
this, Watermaster conducted a
subsidence study, is requiring
that wells be located in
the shallow aquifer, and is
expanding its subsidence
monitoring program in this
area. These steps were
approved in the
2010-2011 fiscal year.



View of a desalter well being drilled.

# COLLABORATIVE PROGRAMS PROVIDE FOR A RELIABLE, COST EFFECTIVE

# THE CUMULATIVE UNMET REPLENISHMENT OBLIGATION IS FULLY SATISFIED

In years when Watermaster cannot purchase replenishment water, an unmet replenishment obligation is created by pumpers that take more than their water rights. The sum of these obligations becomes the **Cumulative Unmet Replenishment** Obligation (CURO). In recent years, when no imported replenishment water was available, a concern developed that the replenishment obligation could get too large to achieve-leading to a perpetual overdraft of the Basin. As a result, Watermaster began working with stakeholders to resolve the policy, water supply and financial issues of the CURO.

WATERMASTER'S APPROACH
IS TO UTILIZE TECHNICAL AND
MANAGEMENT TECHNIQUES
THAT ARE GUIDED BY RESEARCH,
FACTUAL KNOWLEDGE,
FORWARD THINKING, AND
COLLABORATIVE GOVERNANCE.

The CURO was fully satisfied in May 2011 by purchasing water from Appropriators. In the next fiscal year Watermaster will be re-evaluating its recharge needs based on the recently updated Urban Water Management Plans (UWMPs) from the Appropriators.

#### DECISIVE ACTION TO PURCHASE PREEMPTIVE REPLENISHMENT WATER

Replenishment Water Became
Available for the First Time
Since 2007. As a result of the State's abundant water supply this fiscal year, the MWD was able to make 225,000 acre-feet of water available at the replenishment rate to groundwater agencies, for the first time in four years. Watermaster set a goal to recharge 50,000 acre-feet of this water to meet future replenishment needs and was the first agency, via IEUA, to place an order. As of June 30, over 8,000

acre-feet of imported water have been

recharged. More is expected to be recharged through December 2011 until the 225,000 acre-feet supply is depleted. The first 26,000 acre-feet of replenishment water recharged will be placed into storage accounts for Fontana Water Company (20,000 acre-feet) and Niagara Bottling LLC (6,000 acre-feet) as preemptive replenishment. The concept of preemptive replenishment, which will offset future overproduction, has been contemplated during the last few years, but this is the first application of it.

Long-Term Replenishment Needs
Being Evaluated. Because of factors
such as successful conservation
efforts, and slower growth than
expected due to the economy, longterm replenishment demands are
lower than previously estimated.
Watermaster is currently in the
process of reevaluating long-term
water demands and how to most
cost-effectively meet them.



Watermaster staff in the field.



#### **WATER SUPPLY**

# OTHER IMPORTANT ACTIONS IN 2010-2011

#### Legal: Judgment Restated.

Watermaster is preparing a restated Judgment at the request of the Court. The reason is that portions of the Judgment have been superseded by amendments. This leads to confusion, since there is no way to know what the governing language is without going through the various documents. The plan is to add footnotes to the Judgment that references portions that have been superseded. Ultimately, perhaps, the Judgment, Rules and Regulations, Peace (I) Agreement, and Peace II Agreement will be cross-referenced with one-another.

#### Participate in Watershed Action Plan.

Watermaster is participating in the Watershed Action Plan (WAP). The WAP group is working on the new MS-4 stormwater permit implementation for San Bernardino County. One of the watershed principles is the retention of stormwater and infiltration on-site and the potential participation in a regional solution to improve water supply and quality.

#### Digitizing Old Documents for Cost-Efficiency and Reliability. In the 2010-2011 fiscal year, Watermaster began a program to scan all of the old hard copy documents that date back to the 1970s, and even earlier.

These are irreplaceable documents that are being archived for long-term safe keeping. Because they are referred to frequently, they are scanned into the file management system as text for easy search-ability. This effort will continue over several

years until completed.

# EXTRACTED FROM DRY YEAR YIELD PROGRAM The Dry Year Yield Program (DD)

**ALL WATER** 

The Dry Year Yield Program (DDY) provided the MWD the right to store groundwater in the Basin as a hedge against drought, in exchange for paying the costs of developing the facilities that deliver the stored water. In spring 2010, the MWD made the final call on the remaining stored water, and as of spring 2011, all of the water in the Dry-Year Yield storage account was extracted, leaving the account with a zero balance. Discussions with the MWD are underway regarding changes to the program in the future.



Watermaster is scanning, digitizing and archiving old documents.

# PROGRESS ON WATER QUALITY AND SUBSIDENCE MANAGEMENT

Watermaster's role in water quality is to provide detailed monitoring data, review plans and cleanup options, support the Regional Water Quality Control Board, and help bring stakeholders together to develop solutions.

# CLEANUP PROGRESS ON CONTAMINATION PLUMES

Finding Common Ground for the Archibald South Plume.

Watermaster monitored the collaborative progress made by involved parties associated with the Archibald South Plume, including parties that had been located at Ontario International Airport and the City of Ontario. The parties continue to refine the delineation of the plume with an eye towards near-term future remediation.

Establishing Long-Term Monitoring for the California
Institute for Men Site. Watermaster continued to coordinate
with the State on a Memorandum of Understanding that
would allow Watermaster to continue to use monitoring wells
at this former plume that has been remediated.

Chino Airport. Watermaster has been working with the San Bernardino County Department of Airports on a joint remedy, desalting and plume mitigation. Watermaster presented groundwater model results, as well as a letter report of modeling results of the Peace II alternative with updated well locations for the Chino Creek Well Field, along with pumping rates for all Chino desalter wells. When completed and in operation, these wells will achieve hydraulic control and will not conflict with the Optimum Basin Management Plan (OBMP) goal to minimize or abate permanent subsidence.

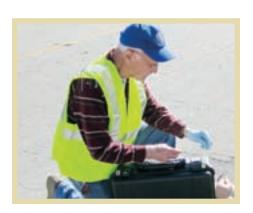
**Sought Cost Savings in Monitoring Wells.** Watermaster pursued an alternative well location for one of the County's monitoring wells at Chino Airport with the goal of lowering costs to Watermaster while meeting County needs.

**Flatiron Plume.** There are three main plumes under remediation, but progress had halted because of problems getting a permit to discharge the treated water.



# OTHER QUALITY IMPROVEMENT ACTIONS

**Participating in Perchlorate Contamination Study.** Watermaster actively participates on a Technical Advisory Committee overseeing a collaborative project funded by the Department of Defense that seeks to determine the source of the widespread, low-level perchlorate in groundwater in Management Zone (MZ) 3 and the Rialto-Colton Basin, and to develop a cost-effective and environmentally appropriate solution. Watermaster has provided an extensive groundwater elevation and groundwater quality data to the coprincipal investigators on this project.



Management Plan for MZ-1. Because of the historical occurrence of pumping-induced land subsidence and ground fissuring in southwestern Chino Basin (southern MZ-1), the OBMP called for the development and implementation of a Management Plan for MZ-1. The Interim Plan was implemented in 2007. Watermaster has continued implementation of the Interim MZ-1 Plan, and expanded monitoring to avoid the 1990s-era land subsidence that made the ground crack.

Groundwater monitoring equipment and meters.

Formation of Land Subsidence
Monitoring Committee. It was
determined that the land subsidence
is not just isolated to MZ-1, and so
the Board of Directors approved the
formation of the Land Subsidence
Committee in December 2010. Its first
meeting was held on January 20,
2011. The committee has expanded
its monitoring scope to include areas
around the CCWF to monitor (and
potentially mitigate) for adverse
impacts caused by drawdown around
this well field.





#### WATERMASTER GOVERNANCE AND MEMBERSHIP – CALENDAR YEAR 2011

#### **Watermaster Board**

#### **Agricultural Pool Representatives**

MEMBER REPRESENTING

Paul Hofer Crops

Alternates: Bob Feenstra/Jeff Pierson

Geoffrey Vanden Heuvel Dairy

Alternates: Jeff Pierson/Bob Feenstra

#### **Non-Agricultural Pool Representatives**

REPRESENTATIVE MEMBER ENTITY

**Bob Bowcock** Vulcan Materials Company (Calmat Division)
Alternate: **Ken Jeske** California Steel Industries (CSI)

#### **Appropriative Pool Representatives**

REPRESENTATIVE MEMBER ENTITY

Tom Haughey, Secretary/Treasurer Chino, City of

Alternate: Earl Elrod

Paula Lantz Pomona, City of

Alternate: Danielle Soto

Ken Willis, Chair West End Consolidated Water Company

Alternates: Tom Thomas

#### **Municipal Water District Representatives**

REPRESENTATIVE MEMBER ENTITY

Steve Elie Inland Empire Utilities Agency

Alternate: Terry Catlin

Bob Kuhn, Vice-Chair Three Valleys Municipal Water District

Alternate: David DeJesus

Charles Field Western Municipal Water District

Alternate: John Rossi

#### **Staff**

Kenneth R. Manning, (Jan.-Feb.)

**Chief Executive Officer** 

Desi Alvarez, PE, (May-Dec.)

Chief Executive Officer

Danielle Maurizio, PE,

Senior Engineer

Ben Pak, (Jan.-July)

Senior Project Engineer

Gerald Greene,

Denv, PE, QEP, (Aug.-Dec.) Senior Environmental Engineer

Joseph Joswiak, MBA,

Chief Financial Officer

Jim Theirl,

Water Resource Engineer

Frank Yoo,

**GIS Specialist** 

Justin Nakano,

**Environmental Specialist** 

Sherri Molino,

**Executive Assistant** 

Janine Wilson,

Accountant

Alexandra Perez,

Office Specialist

Maricha Ramirez,

(Jan.-Feb.)
Office Assistant

#### **Advisory Committee**

#### **Agricultural Pool Representatives**

REGULAR MEMBERS	REPRESENTING
Nathan deBoom	Dairy
Glen Durrington	Crops
Robert Feenstra	Dairy
Pete Hall	State
Michael Hughes	State
Gene Koopman	Dairy
Jennifer Novak	State
<b>Jeff Pierson,</b> Vice-Chair	Crops
Rob Vanden Heuvel	Dairy

#### **Non-Agricultural Pool Representatives**

REPRESENTATIVE MEMBER ENTITY

Brian Geye Auto Club Speedway

Brian Geye Alternate: Bob Bowcock

Vulcan Materials Company (Calmat Division)

Ken Jeske, Chair California Steel Industries (CSI)

Alternate: Dennis Poulsen

Scott Burton Ontario City Non-Ag)

Alternate: Tom O'Neill

#### **Appropriative Pool Representatives**

**John Mura** Chino Hills, City of

Alternate: Ron Craig

Dave Crosley Chino, City of

Marty Zvirbulis Cucamonga Valley Water District
Josh Swift Fontana Union Water Company

Robert Young, 2nd Vice-Chair Fontana Water Company

Tom Harder Jurupa Community Services District

Alternate: Robert Tock

Mark Kinsey Monte Vista Water District

Mohamed El-Amamy Ontario, City of Raul Garibay Pomona, City of

Charles Moorrees San Antonio Water Company (Minor Rep)

J. Arnold Rodriguez Santa Ana River Water Company (Minor Rep)

Anthony La\*\* Upland, City of

Shaun Stone\*\*

Rosemary Hoerning\*\*

#### **Municipal Water Districts**

Tom Love Inland Empire Utilities Agency
Rick Hansen Three Valleys Municipal Water District
John Rossi Western Municipal Water District

\*\* Served Partial Year

#### **Agricultural Pool Committee**

REGULAR MEMBERS REPRESENTING Julie Cavender State of California-CIM Nathan deBoom Dairy **Glen Durrington** Crops Robert Feenstra, Chair Dairy **Pete Hall** State of California-CIM **John Huitsing** Dairy Gene Koopman Dairy **Robert Nobles** State of California-CIW State of California-CIM Jennifer Novak Jeff Pierson, Vice-Chair Crops **Rob Vanden Heuvel** Dairy

**ALTERNATES** REPRESENTING

**Peter Hettinga** Dairy Michael Hughes State of California **Dan Hostetler** Crops **Brian Pahel** State of California Syp Vander Dussen

#### **Non-Agricultural Pool Committee**

REPRESENTATIVE **MEMBER ENTITY Mark Ward** Ameron Inc.

Angelica Textile Service **David Penrice** Agua Capital Management LP Auto Club Speedway **Brian Geye** Ken Jeske, Vice-Chair California Steel Industries (CSI) Alternate: Dennis Poulsen

CCG Ontario, LLC (Catellus) Lisa Hamilton General Electric Company **Bob Lawhn** Genon Electric Kaiser Ventures Inc. **Gerald Yahr** KCO LLC / The Koll Company Loving Savior of the Hills **David Starnes** Mobile Community Management Alternate: Michael Alder (Swan Lake Mobile Home Park)

Ontario City Non-Ag **Scott Burton** Alternate: Tom O'Neill **Curtis Stubbings** Praxair Inc.

Alternate: Roger Han

Steve Riboli San Antonio Winery San Bernardino County Department of Airports **James Jenkins** Jorge Rosa, Jr. Southern California Edison **Michael Thies** Space Center Mira Loma Inc.

Alternate: Tom Cruikshank

**Ted Leaman** Sunkist Growers Inc. Alternate: John Ayers

Bob Bowcock, Chair **Vulcan Materials Company** Alternate: Kevin Sage (Calmat Division) West Venture Development

#### **Appropriative Pool Committee**

REPRESENTATIVE **MEMBER ENTITY Patrick Bauer** Arrowhead Mountain Spring Water\* **Dave Crosley** Chino, City of John Mura, Chair Chino Hills, City of Alternate: Ron Craig

Marty Zvirbulis, Vice-Chair Cucamonga Valley Water District **Chuck Hays** Fontana, City of **Josh Swift** Fontana Union Water Company **Robert Young** Fontana Water Company **Ben Lewis** Golden State Water Company\* **Eldon Horst** Jurupa Community Services District

Alternate: Robert Tock **Justin Brokaw** Marygold Mutual Water Company\* **Mark Kinsey** Monte Vista Irrigation Company\* Monte Vista Water District

Alternate: Justin Scott-Coe

**Mark Kinsey** 

**Geoff Kamansky** Niagara Bottling LLC\* **Robert Young** Nicholson Trust\* **Bill Thompson** Norco, City of\* **Mohamed El-Amamy** Ontario, City of **Raul Garibay** Pomona, City of **Charles Moorrees** San Antonio Water Company\*

Alternate: Teri Layton

**Phil Krause** San Bernardino, County of (Prado Shooting Park)\* J. Arnold Rodriguez Santa Ana River Water Company\* Anthony La\*\* Upland, City of

Shaun Stone\*\*

Rosemary Hoerning\*\*

Anthony La\*\* West End Consolidated Water Co.\*

Shaun Stone\*\*

Rosemary Hoerning\*\*

A.W. "Butch" Araiza West Valley Water District\*

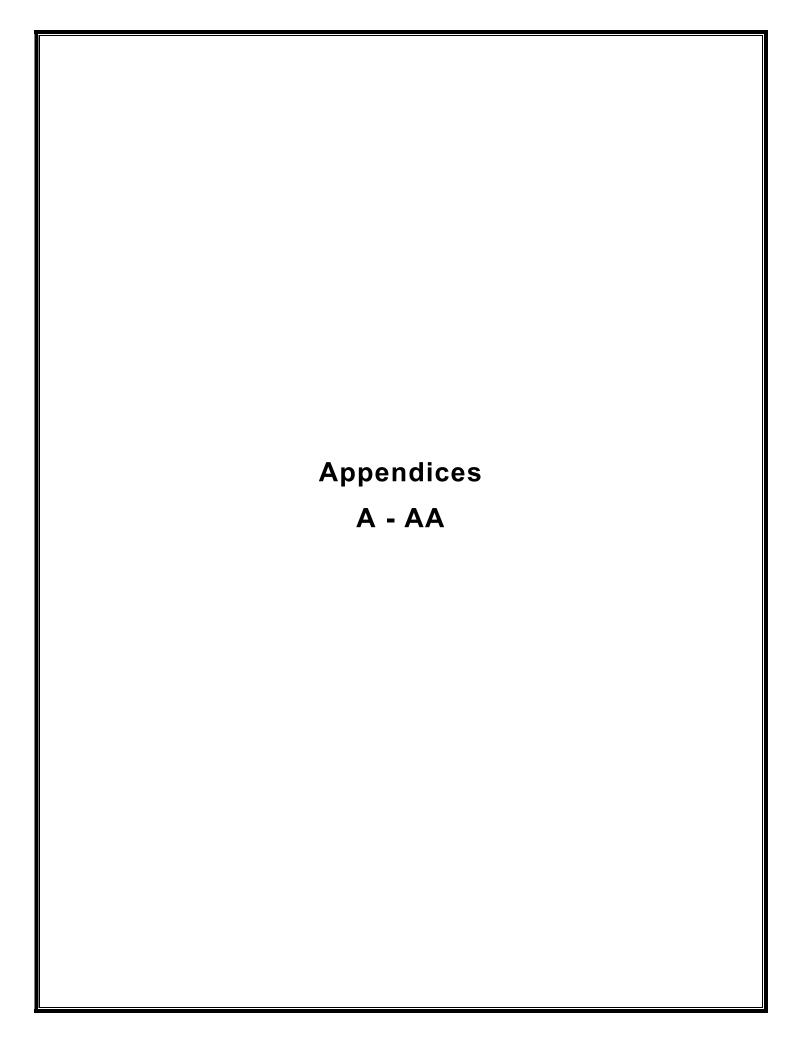
> \* Minor Producer \*\* Served Partial Year

#### WATERMASTER REPRESENTS 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 Pools:

- Agricultural Pool to represent dairymen, farmers, the State, and other property owners.
- Non-Agricultural Pool to represent commercial and industrial producers.
- Appropriative Pool to represent cities, water districts, and water companies.

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#### COURT HEARINGS AND ORDERS FISCAL YEAR 2010-2011

During the fiscal year 2010-11, several hearings were held relating to implementation of the Optimum Basin Management Program (OBMP). Hearings and orders were as follows:

Hearing Date	Primary Subject Matter
February 3, 2011	<ul> <li>Court of Appeal Order Regarding Paragraph 31 Appeal Briefing Schedule</li> </ul>
January 26, 2011	Order Granting Motion to Re-Appoint Nine Member Watermaster Board for a Further Five-Year Term
January 21, 2011	Chino Basin Watermaster Court Hearing – Regarding Motion to Re- Appoint Nine Member Board for a Further Five-Year Term
December 6, 2010	Court of Appeal Order Setting Time and Attendance Requirements Regarding Settlement Conference
November 29, 2010	Court of Appeal Order Regarding Settlement Conference Program
October 11, 2010	<ul> <li>Order Approving Watermaster Compliance with Condition Subsequent Number Eight and Approving Procedures to Be Used To Allocate Surplus Agricultural Pool Water in the Event of Decline in Safe Yield</li> </ul>
October 8, 2010	Chino Basin Watermaster Court Hearing – Regarding Non-Agricultural Pool Pooling Plan and Recharge Master Plan Update
	<ul> <li>Order Approving Watermaster Compliance with Condition Subsequent Number Eight and Approving Procedures to Be Used To Allocate Surplus Agricultural Pool Water in the Event of Decline in Safe Yield</li> </ul>
September 16, 2010	Court of Appeal Order Regarding Non-Agricultural Pool Paragraph 31     Motion Appeal

Appendix A

# RESOLUTIONS CALENDAR YEAR 2011

Resolution	Adopted	Summary of Resolution
11-05	August 25, 2011	<ul> <li>To Tax Defer Member Paid Contributions - For Employer Pick-Up</li> <li>The Chino Basin Watermaster will implement the provisions of section 414(h)(2) Internal Revenue Code by making employee contributions pursuant to California Government Code section 20691 to the Public Employees' Retirement System on behalf of its employees who are members of the Public Employees Retirement System. "Employee contributions" shall mean those contributions to the Public Employees' Retirement System which are deducted from the salary of employees and are credited to individual employee's accounts pursuant to California Government Code section 20691.</li> <li>The contributions made by the Chino Basin Watermaster to the Public Employees' Retirement System, although designated as employee contributions, are being paid by the Chino Basin Watermaster in lieu of contributions by the employees who are members of the Public Employees' Retirement System.</li> <li>Employees shall not have the option of choosing to receive the contributed amounts directly instead of having them paid by the Chino Basin Watermaster to the Public Employees' Retirement System.</li> <li>The Chino Basin Watermaster shall pay to the Public Employees' Retirement System the contributions designated as employee contributions from the same source of fund as used in paying salary.</li> <li>The amount of the contributions designated as employee contributions and paid by the Chino Basin Watermaster to the Public Employees' Retirement System on behalf of a employee's Retirement Law (California Government Code sections 20000, et seq.).</li> <li>The contributions designated as employee contributions made by Chino Basin Watermaster to the Public Employees' Retirement System shall be treated for all purposes, other than taxation, in the same way that member contributions are treated by the Public Employees' Retirement System.</li> </ul>
Revised 11-02	May 26, 2011	<ul> <li>Authorizing Investment of Monies in the Local Agency Investment Fund</li> <li>The Board of Directors does hereby authorize the deposit and withdrawal of Chino Basin Watermaster monies in the Local Agency Investment Fund in the State Treasurin accordance with the provisions of Section 16429.3 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: Chairman of the Board, Vice-Chair, Board Secretary/Treasurer, Chief Executive Officer/Secretary, and Chief Financial Officer.</li> </ul>
11-02	January 27, 2011	<ul> <li>Authorizing Investment of Monies in the Local Agency Investment Fund</li> <li>The Board of Directors does hereby authorize the deposit and withdrawal of Chino Basin Watermaster monies in the Local Agency Investment Fund in the State Treasurin 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: Chairman of the Board, Vice-Chair, Board Secretary/Treasurer, Chief Executive Officer/Secretary, and Chief Financial Officer.</li> </ul>
11-01	January 27, 2011	<ul> <li>Establishing a Watermaster Investment Policy</li> <li>The authority to invest and reinvest funds of Watermaster is hereby delegated to the Watermaster Chief Executive Officer (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>This resolution shall take effect from and after its date of adoption and Resolution 09-01 is rescinded in its entirety.</li> </ul>

Appendix B

#### HISTORY OF INTERVENTIONS AFTER THE JUDGMENT

Production Year <sup>1</sup>	Appropriative	Non-Agricultural	Agricultural
10-11			Restorative Justice Center
			(dba Community Garden Project of RC)
09-10			Rafael Treto
			Guillermo Hurtado
08-09		City of Ontario	Michael Y. Park
		Aqua Capital Management	
07-08		KCO, LLC / The Koll Company	Fuji Natural Foods, Inc.
		Riboli Family / San Antonio Winery	
06-07			
05-06			
04-05			
03-04			
02-03	Niagara Bottling Company		
01-02	Nicholson Trust		
00-01		Loving Savior of the Hills Lutheran Church	
		CCG Ontario, LLC (Catellus Commercial Group)	
99-00			
98-99			
97-98			Louis Badders
		Mountain Vista Power Generation Company, LLC	Paul Russavage
96-97		California Speedway Corporation	Ambrosia Farms, Chin T. Lee
95-96	City of Fontana	General Electric Company	Elizabeth H. Rohrs
			Richard Van Loon
			S.N.S. Dairy
			Wineside 45
			Frank Lizzaraga
94-95			
93-94			
92-93			
91-92	Arrowhead Mountain Springs Water Co.	California Steel Industries, Inc.	
90-91			
89-90	Fontana Water Company		Gary Teed

 $<sup>^{\</sup>rm 1}$  Refer to the Twenty-Seventh Annual Report (Fiscal Year 2003-04) for interventions prior to 89-90.

Appendix C

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

**PLEASE TAKE NOTICE** that on this 27<sup>th</sup> day of January 2011, Chino Basin Watermaster hereby files 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. RCV 51010 (formerly Case No. 164327) (Exhibit I, Paragraph 2b, Page 80).

Approved by CHINO BASIN WATERMASTER ADVISORY COMMITTEE	CHINO BASIN WATERMASTER BOARD OF DIRECTORS		
By: /s/ Ken Jeske Chair	By: /s/ Kenneth Willis Chair		
	ATTEST:		
	By: <u>/s/ Tom Haughey</u> Secretary		

Appendix

# APPROPRIATIVE RIGHTS (ORIGINAL PER JUDGMENT)

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

Appendix E-1

## APPROPRIATIVE RIGHTS (AS OF JUNE 30, 2011)

<u>Party</u>	Appropriative Right (Acre-Feet)	Share of Initial Operating Safe Yield (Acre-Feet)	Share of Operating Safe Yield (Percent)
City of Chino <sup>A</sup>	5,794.25	4,033.857	7.356
City of Chino Hills <sup>B</sup>	3,032.86	2,111.422	3.851
City of Norco	289.50	201.545	0.368
City of Ontario	16,337.40	11,373.816	20.742
City of Pomona	16,110.50	11,215.852	20.454
City of Upland	4,097.20	2,852.401	5.202
Cucamonga Valley Water District <sup>c</sup>	5,199.00	3,619.454	6.601
Jurupa Community Services District D	2,960.60	2,061.118	3.759
Monte Vista Water District <sup>E</sup>	6,929.15	4,823.954	8.797
West Valley Water District F	925.50	644.317	1.175
Fontana Union Water Company <sup>G</sup>	9,181.12	6,391.736	11.657
Fontana Water Company <sup>н</sup>	1.44	1.000	0.002
Los Serranos County Club <sup>1</sup>	=	-	-
Marygold Mutual Water Company	941.30	655.317	1.195
Monte Vista Irrigation Company	972.10	676.759	1.234
Niagara Bottling, LLC J	=	-	-
Nicholson Trust K	5.75	4.000	0.007
San Antonio Water Company	2,164.50	1,506.888	2.748
Santa Ana River Water Company	1,869.30	1,301.374	2.373
Golden State Water Company L	591.05	411.476	0.750
West End Consolidated Water Company	1,361.30	947.714	1.728
San Bernardino County (Shooting Park) <sup>M</sup>	=	-	-
Arrowhead Mountain Springs Water Company N	-	-	-
City of Fontana °	-	-	-
Total	78,763.82	54,834.000	100.000

A In 1990, Chino received a portion of San Bernardino County Water Works #8 (WW#8) OSY (363.790 AF) as a result of a permanent transfer.

Appendix E-2

<sup>&</sup>lt;sup>B</sup> City of Chino Hills incorporated in 1991 and assumed the responsibility for providing the public services formerly provided by WW#8. WW#8 acquired a portion of the rights of Park and Pomona Valley Water Companies in 1983.

<sup>&</sup>lt;sup>C</sup> CCWD acquired the rights to Etiwanda Water Company (upon dissolution) in 1986. CCWD changed its name to CVWD in 2004.

<sup>&</sup>lt;sup>D</sup> JCSD acquired the rights of Mira Loma Water Company in 1979 (776.940 AF OSY), Feldspar Gardens in 1988 (47.549AF OSY) and Mutual Water Company of Glen Avon Heights in 1997 (467.974 AF OSY).

E MVCWD changed its name to MVWD in 1980. In 1990, MVWD received 675.610 AF of WW#8 OSY as a result of a permanent transfer.

<sup>&</sup>lt;sup>F</sup> WSBCWD changed its name to WVWD in 2003.

<sup>&</sup>lt;sup>G</sup> In FY 01-02, 5.000 AF OSY was reassigned: 1.000 AF to FWC and 4.000 AF to the Nicholson Trust.

H FWC intervened in 1989 and was assigned 1.000 AF OSY as a result of a permanent transfer of water rights from FUWC.

Los Serranos intervened into the Appropriative Pool in 1990 with 0.000 AF OSY, and it was later determined that they are not within the Basin.

<sup>&</sup>lt;sup>J</sup> Niagara Bottling intervened in FY 02-03 with 0.000 AF OSY.

K Nicholson Trust intervened in FY 01-02 and was assigned 4.000 AF OSY as a result of a permanent transfer of water rights from FUWC.

<sup>&</sup>lt;sup>L</sup> GSWC permanently transferred 823.900 AF OSY to Park Water Company in 1980. Park Water Co was acquired by WW#8 which was subsequently acquired by the City of Chino Hills. SCWC changed its name to GSWC in 2005.

M San Bernardino County Prado Tiro (now known as Prado Shooting Park) was involuntarily reassigned to the Appropriative Pool from the Agricultural Pool in 1985.

<sup>&</sup>lt;sup>N</sup> Arrowhead intervened in 1992 with 0.000 AF OSY.

 $<sup>^{\</sup>rm O}$  City of Fontana intervened in 1996 with 0.000 AF OSY.

# NON-AGRICULTURAL RIGHTS (ORIGINAL PER JUDGMENT)

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

Appendix F-1

## NON-AGRICULTURAL RIGHTS (AS OF JUNE 30, 2011)

<u>Party</u>	Total Overlying Non-Agricultural <u>Rights (Acre-Feet)</u>	Share of Safe Yield (Acre-Feet)
Ameron Steel Producers, Inc.	125.00	97.858
County of San Bernardino (Airport)	171.00	133.870
Vulcan Materials Company <sup>A</sup>	-	-
Kaiser Steel Corporation <sup>B</sup>	-	-
West Venture Development Co. <sup>c</sup>	-	-
Southern California Edison Co. D	-	-
GenOn West, LP <sup>E</sup>	1,219.29	954.540
Space Center, Mira Loma	133.00	104.121
Angelica Rental Service F	24.00	18.789
Sunkist Growers, Inc. <sup>G</sup>	-	-
Swan Lake Mobile Home Park <sup>H</sup>	593.00	464.240
Praxair <sup>1</sup>	1.28	1.000
Quaker Chemical Company J	-	-
California Steel Industries K, T	1,660.56	1,300.000
General Electric Company L	-	-
Auto Club Speedway <sup>M</sup>	1,277.36	1,000.000
Loving Savior of the Hills Lutheran Church N	-	-
CCG Ontario LLC °	-	-
KCO, LLC/The Koll Company P	-	-
San Antonio Winery <sup>Q</sup>	-	
Ontario City Non-Ag R	2,973.44	2,327.807
Aqua Capital Management S,T	1,211.08	948.118
Total	9,389.00	7,350.343

<sup>&</sup>lt;sup>A</sup> Conrock became Calmat and in FY 99-00 became Vulcan Materials Co. On July 23, 2009, Vulcan permanently transferred its 317.844 AF SY to Aqua Capital Management.

Appendix F-

<sup>&</sup>lt;sup>B</sup> Kaiser Steel Corporation became Kaiser Resources and then Kaiser Venture, Inc. Kaiser sold portions of its property to CSI & Speedway, then its last property holdings and all its remaining water rights to CCG Ontario LLP on August 16, 2000.

<sup>&</sup>lt;sup>C</sup> Red Star Fertilizer became Anaheim Citrus then was acquired by West Venture Development. West Venture went out of business in 91-92 and abandoned its rights to production in FY 90-91.

<sup>&</sup>lt;sup>D</sup> A portion of SCE was sold in FY 98-99; SCE retained 27.959 AF SY. On March 24, 2011, SCE permanently transferred 27.959 AF SY to Ontario City Non-Ag.

E Mountain Vista Power Generating Company (MVPG) purchased the Etiwanda Generating Facility owned by SCE in FY 98-99. MVPG became Reliant Energy, Etiwanda with 954.540 AF SY. Reliant Energy, Etiwanda changed its name to RRI Energy West, Inc. in FY 08-09. RRI Energy West, Inc. changed its name to GenOn West, LP in FY 10-11.

F Southern Service Company became Angelica Rental Service in FY 90-91.

<sup>&</sup>lt;sup>G</sup> On May 22, 2008, Sunkist permanently transferred 22.000 AF SY to Koll. On October 23, 2008 Sunkist permanently transferred 1,873.402 AF SY to Ontario City Non-Ag.

<sup>&</sup>lt;sup>H</sup> Carlsberg Mobile Home Properties became Mobile Community Management and is known as Swan Lake Mobile Home Park.

<sup>&</sup>lt;sup>1</sup> Union Carbide Corp. became Praxair, Inc. On May 27, 2010, Praxair permanently transferred 426.446 AF SY to Ontario City Non-Ag.

<sup>&</sup>lt;sup>J</sup> Quaker Chemical Company went out of business in FY 93-94.

<sup>&</sup>lt;sup>K</sup> California Steel Industries (CSI) intervened in FY 91-92 after purchasing land from Kaiser.

 $<sup>^{\</sup>rm L}$  General Electric Company intervened in FY 95-96 with 0.000 AF SY.

M California Speedway intervened in FY 96-97 after purchasing land from Kaiser. On August 16, 2000, Catellus permanently transferred 525.000 AF SY to Speedway. California Speedway changed its name to Auto Club Speedway in FY 07-08.

<sup>&</sup>lt;sup>N</sup> Loving Savior of the Hills Lutheran Church intervened in FY 00-01 with 0.000 AF SY.

<sup>&</sup>lt;sup>o</sup> CCG Ontario LLC intervened in FY 00-01. Kaiser sold its last property holdings and all its remaining water rights to CCG Ontario LLP on August 16, 2000. On December 18, 2009, CCG Ontario permanently transferred its 630.274 AF SY to Aqua Capital Management.

<sup>&</sup>lt;sup>P</sup> KCO/Koll intervened in FY 07-08 after purchasing land from Sunkist. On May 22, 2008, Sunkist permanently transferred 22.000 AF SY to Koll. On May 28, 2009, the 22.000 AF SY was permanently transferred to Ontario City Non-Ag.

<sup>&</sup>lt;sup>Q</sup> San Antonio Winery intervened in FY 07-08 with 0.000 AF SY.

<sup>&</sup>lt;sup>R</sup> Ontario City Non-Ag intervened in FY 08-09 after purchasing land from Sunkist. On October 23, 2008, Sunkist permanently transferred 1,873.402 AF SY to Ontario City Non-Ag. On May 28, 2009, Koll's 22.000 AF SY was permanently transferred to Ontario City Non-Ag. On May 27, 2010, Praxair permanently transferred 426.446 AF SY to Ontario City Non-Ag. On March 24, 2011, SCE permanently transferred 27.959 AF SY to Ontario City Non-Ag.

S Aqua Capital Management intervened in FY 08-09 after purchasing land from CCG Ontario. On December 18, 2008, CCG Ontario permanently transferred 630.274 AF SY to Aqua Capital. On July 23, 2009, Vulcan permanently transferred 317.844 AF SY to Aqua Capital.

TA dispute has arisen between Aqua Capital Management and CSI concerning allocation of the right attributed to Aqua Capital Management.

## HISTORY OF TOTAL ANNUAL GROUNDWATER PRODUCTION BY POOL (ACRE-FEET)

Production Year	Appropriati	ve	Agricultural		Non-Agricultu	ral	Total
74-75	70,312		96,567		8,878		175,757
75-76	79,312		95,349		6,356		181,017
76-77	72,707		91,450		9,198		173,355
77-78	60,659		83,934		10,082	1	154,675
78-79	60,597		73,688		7,127		141,412
79-80	63,834		69,369		7,363		140,566
80-81	70,726		68,040		5,650		144,416
81-82	66,731		65,117		5,684		137,532
82-83	63,481		56,759		2,395		122,635
83-84	70,558		59,033		3,208		132,799
84-85 85-86	76,912 80,859		55,543 52,061		2,415 3,193		134,870 136,113
86-87	84,662		52,061		3, 193 2,559		147,068
87-88		2					,
	91,579	3	57,865		2,958		152,402
88-89	93,617	4	46,762		3,619		143,998
89-90	101,344	5	48,420		4,856		154,620
90-91	86,658	6	48,085		5,407		140,150
91-92	91,982		44,682		5,240		141,904
92-93	86,367	7	44,092		5,464		135,923
93-94	80,798	8	44,298		4,586		129,682
94-95	93,419	9	55,022		4,327		152,768
95-96	101,606	10, 11	43,639		5,424		150,669
96-97	110,163	11	44,809		6,309		161,281
97-98	97,435	12	43,345		4,955	13	145,735
98-99	107,723		47,538		7,006		162,267
99-00	126,645		44,401		7,774		178,820
00-01	113,437	11,14	39,954		8,084		161,475
01-02	121,489	11,15	39,494		5,548		166,531
02-03	120,557	11,16	38,487	11	4,853		163,897
03-04	136,834	17	41,978		2,915		181,727
04-05	127,811	18	34,450		2,327		164,588
05-06	124,315	19	33,900		3,026		161,241
06-07	130,826	20	37,295		3,369		171,491
07-08	103,078	21	30,910		3,440		137,427
08-09	84,716	22	32,143		4,394		121,253
09-10	78,733	23	31,855		3,908		114,496
		24			,		
10-11	78,410	27	31,342		3,914		113,667

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

Appendix G-1

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

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

Does not include 16,377.1 AF exchanged with MWDSC.

Does not include 14,929.1 AF exchanged with MWDSC.

Does not include 12,202.4 AF exchanged with MWDSC.

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

<sup>&</sup>lt;sup>11</sup> Reflects corrected production after reporting errors were accounted for.

 $<sup>^{\</sup>rm 12}$  Does not include 4,275.4 AF exchanged with MWDSC.

 $<sup>^{\</sup>rm 13}$  Does not include 216.5 AF exchanged with MWDSC.

<sup>&</sup>lt;sup>14</sup> Does not include 7,989 AF Desalter production or 99.8 AF Dept. of Toxic Substances Control (DTSC) production.

<sup>&</sup>lt;sup>15</sup> Does not include 9,458 AF Desalter production or 80.8 AF Dept. of Toxic Substances Control (DTSC) production.

<sup>&</sup>lt;sup>16</sup> Does not include 10,439 AF Desalter production or 79.1 AF Dept. of Toxic Substances Control (DTSC) production.
<sup>17</sup> Does not include 10,605 AF Desalter production or 79.1 AF Dept. of Toxic Substances Control (DTSC) production.

<sup>&</sup>lt;sup>18</sup> Does not include 9,854 AF Desalter production or 80.7 AF Dept. of Toxic Substances Control (DTSC) production.

<sup>&</sup>lt;sup>19</sup> Does not include 16,476 AF Desalter production or 79.5 AF Dept. of Toxic Substances Control (DTSC) production.

<sup>&</sup>lt;sup>20</sup> Does not include 26,356 AF Desalter production or 79.3 AF Dept. of Toxic Substances Control (DTSC) production.

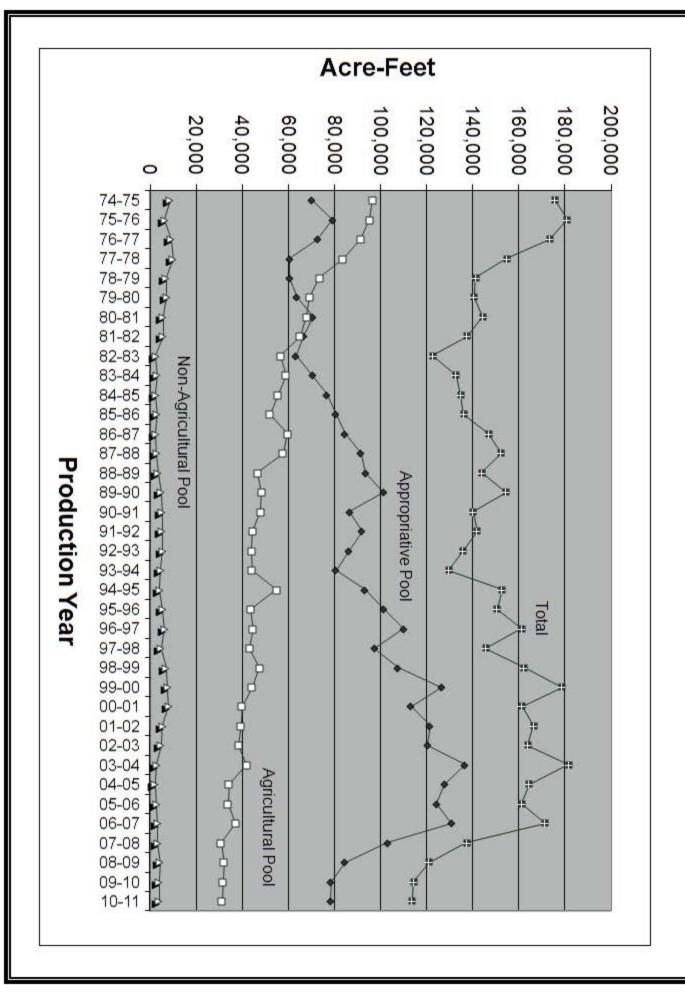
<sup>&</sup>lt;sup>21</sup> Does not include 26,972 AF Desalter production or 81.1 AF Dept. of Toxic Substances Control (DTSC) production.

<sup>&</sup>lt;sup>22</sup> Does not include 32,920 AF Desalter production or 82.6 AF Dept. of Toxic Substances Control (DTSC) production.

<sup>&</sup>lt;sup>23</sup> Does not include 28,517 AF Desalter production or 85.1 AF Dept. of Toxic Substances Control (DTSC) production.

<sup>&</sup>lt;sup>24</sup> Does not include 29,319 AF Desalter production or 87.3 AF Dept. of Toxic Substances Control (DTSC) production.

# HISTORY OF TOTAL ANNUAL GROUNDWATER PRODUCTION BY POOL



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

				Total Ag Pool
Production Year	Land Use Conversions	Remaining 50% Allocated	Balance Available	Reallocated to Appropriators
	297	297		
83-84	_	_	25,762	20,355
84-85	297	297	18,543	19,136
85-86	406	406	21,091	21,902
86-87	406	406	36,348	37,159
87-88	2,028	2,028	74,433	76,469
88-89	406	406	24,124	24,935
89-90	406	406	35,227	36,038
90-91	406	406	33,569	34,380
91-92	406	406	33,904	34,715
92-93	406	406	37,307	38,118
93-94	406	406	37,897	38,708
94-95	3,246	406	34,850	38,502
95-96	5,855	5,855	16,067	27,778
96-97	6,310	6,310	26,541	39,161
97-98	7,213	7,213	23,565	37,991
98-99	8,511	8,511	22,433	39,455
99-00	10,471	N/A	63,191	73,662
00-01	13,920	N/A	28,926	42,846
01-02	14,133	N/A	29,173	43,306
02-03	16,480	N/A	27,833	44,313
03-04	17,510 <sup>5</sup>	N/A	23,312	40,822
04-05	19,013	N/A	29,336	48,350
05-06	20,370	N/A	28,530	48,900
06-07	22,158	N/A	23,346	45,505
07-08	22,461	N/A	23,346	45,505
08-09	22,730	N/A	27,927	50,657
09-10	22,731	N/A	28,214	50,945
10-11	23,033	N/A	28,425	51,458

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

Appendix H

<sup>&</sup>lt;sup>2</sup> First-year reallocation occurred under the Judgment.

<sup>&</sup>lt;sup>3</sup> Appropriators agree to pay Ag Pool assessments. Reallocation procedure changed by agreement.

<sup>&</sup>lt;sup>4</sup> Peace Agreement signed. Appropriators agree to pay Ag Pool assessments for life of Peace Agreement. Procedure changed by agreement. Ag Pool Annual Safe Yield is 82,800 AF.

<sup>&</sup>lt;sup>5</sup> After duplication of conversion areas were identified, Jurupa's Pre-Peace Agreement acres were adjusted (337.6 acres), and Post-Peace Agreement acres were adjusted (846.4 acres).

# TOTAL WATER CONSUMPTION WITHIN THE CHINO BASIN<sup>1</sup> (ACRE-FEET)

Production Year	Chino Basin Extractions <sup>2</sup>	Other Imported Supplies <sup>3</sup>	Total
74-75	175,757	49,383	225,140
75-76	181,017	57,686	238,703
76-77	173,355	55,765	229,120
77-78	154,675	61,567	216,242
78-79	142,412	75,864	218,276
79-80	140,566	70,727	211,293
80-81	144,416	77,765	222,181
81-82	137,532	67,491	205,023
82-83	122,635	76,000	198,635
83-84	132,799	99,257	232,056
84-85	134,870	92,952	227,822
85-86	136,113	114,624	250,737
86-87	147,068	126,493	273,561
87-88	152,402	116,175	268,577
88-89	143,998	128,167	272,165
89-90	154,620	139,004	293,624
90-91	140,151	116,493	256,644
91-92	141,904	104,480	246,384
92-93	135,923	117,205	253,128
93-94	129,682	136,038	265,720
94-95	152,768	116,797	269,565
95-96	150,669	130,494	281,163
96-97	161,281 <sup>4</sup>	115,031	276,312
97-98	145,735	106,360	252,095
98-99	162,267	113,040	275,307
99-00	178,820	129,208	308,028
00-01	161,475 <sup>4</sup>	128,596	290,071
01-02	165,898	140,907	306,805
02-03	163,897	134,154	298,051
03-04	181,727	143,989	325,716
04-05	164,588	145,644	310,232
05-06	161,241	171,896	333,137
06-07	171,491	176,807	348,297
07-08	137,427	162,465	299,893
08-09	121,253	131,819	253,072
09-10	114,496	144,354	258,849
10-11	113,667	154,760	268,427

<sup>&</sup>lt;sup>1</sup> Total includes water used over Cucamonga Basin.

Appendix I

<sup>&</sup>lt;sup>2</sup> See Appendix G-1, "History of Total Annual Groundwater Production by Pool."

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

<sup>&</sup>lt;sup>4</sup> Reflects corrected value.

#### SUMMARY OF SUPPLEMENTAL SUPPLIES FISCAL YEAR 2010-2011 (ACRE-FEET)

Member Agency	Other Basins	Surface Diversions	SBVMWD & MWDSC Imported Deliveries	Recycled Water	Total
Chino, City of	-	-	-	7,299.8	7,299.8
Chino Hills, City of	-	-	-	2,350.1	2,350.1
Cucamonga Valley Water District <sup>1</sup>	3,284.9	4,902.5	-	2,401.6	10,588.9
Inland Empire Utilities Agency <sup>2</sup>	-	-	-	520.2	520.2
Fontana Water Company <sup>3</sup>	17,908.7	13,856.1	1,394.1	-	33,158.9
Jurupa Community Services District <sup>4</sup>	1,227.3	-	-	403.0	1,630.3
Marygold Mutual Water Company <sup>5</sup>	-	-	-	-	-
MWDSC <sup>6</sup>	-	-	46,786.1	-	46,786.1
Monte Vista Water District	-	-	-	641.9	641.9
Ontario, City of	-	-	-	9,027.4	9,027.4
Pomona, City of <sup>7</sup>	4,005.0	3,236.9	1,216.8	-	8,458.7
San Antonio Water Company <sup>8</sup>	4,946.9	4,623.4	-	-	9,570.3
San Bernardino, County of	-	-	-	1,250.7	1,250.7
State of California, CIM <sup>9</sup>	-	-	-	972.5	972.5
Upland, City of <sup>10</sup>	6,967.0	4,176.0	-	789.3	11,932.3
West End Consolidated Water Company 11	3,751.0	-	-	-	3,751.0
West Valley Water District 12	6,821.0	-	-	-	6,821.0
Total	48,911.8	30,794.8	49,397.0	25,656.4	154,760.0

<sup>&</sup>lt;sup>1</sup> Includes groundwater produced from Cucamonga Basin and surface water from Lloyd Michaels, Royer-Nesbit, and Arthur H. Bridge WTPs, and Deer Canyon.

Appendix

<sup>&</sup>lt;sup>2</sup> IEUA provided 24,683.9 AF of recycled water as follows: 7,472.9 AF to the City of Chino, 1,631.4 AF to the City of Chino Hills, 733.6 AF to Cucamonga Valley Water District, 520.2 AF to IEUA, 303.6 AF to Monte Vista Water District, 5,743.6 AF to Ontario, 1,250.7 AF to San Bernardino County, and 0.0 AF to the City of Upland. Additionally, recycled water groundwater recharge in the amount of 8,028.0 AF is shown as allocated within each service area.

<sup>&</sup>lt;sup>3</sup> Imported groundwater produced from Colton/Rialto, Lytle, and "unnamed" Basins. Surface water deliveries are from Lytle Creek. Imported deliveries are via both IEUA/MWD and SVBMWD.

<sup>&</sup>lt;sup>4</sup> Imported groundwater produced from Rubidoux Basin. Recycled water is purchased through IEUA.

<sup>&</sup>lt;sup>5</sup> Imported groundwater produced from wells located in the Rialto Basin.

<sup>&</sup>lt;sup>6</sup> MWDSC and SBVMWD deliveries (See Appendix K, "Summary of MWDSC Deliveries," for individual agencies breakdown).

<sup>&</sup>lt;sup>7</sup> Includes 3,802.7 AF of groundwater from Six Basins and 202.3 AF of groundwater from Spadra Basin. Imported water was delivered through TVMWD.

<sup>&</sup>lt;sup>8</sup> An amount of 4,623.4 AF was treated local canyon flow used in the overlying Chino Basin. The imported groundwater was 239.5 AF from San Antonio Tunnel, 3,970.7 AF from Cucamonga Basin, and 736.7 AF from Six Basins.

<sup>&</sup>lt;sup>9</sup> Recycled wastewater that was applied to fields, including water held in storage ponds.

<sup>&</sup>lt;sup>10</sup> Imported groundwater produced from Six Basins. Surface water deliveries are from the San Antonio Water Company and treated at the San Antonio Canyon WTP.

<sup>&</sup>lt;sup>11</sup> Imported groundwater produced from Cucamonga and Six Basins.

<sup>&</sup>lt;sup>12</sup> Listed amount was delivered to "meter book" service area.

#### SUMMARY OF MWDSC DELIVERIES<sup>1</sup> FISCAL YEAR 2010-2011 (ACRE-FEET)

Month	Water Facilities Authority - CB-12											
	Upland	MVWD	Ontario	Chino	Chino Hills <sup>2</sup>	Total						
July	474	1,028	983	379	1,028	3,892						
August	519	1,091	1,467	366	1,091	4,534						
September	498	1,000	1,418	316	990	4,222						
October	153	581	1,068	161	581	2,543						
November	-	184	697	177	392	1,450						
December	25	31	533	133	274	994						
January	64	86	487	136	332	1,104						
February	4	51	430	170	275	930						
March	85	-	441	144	57	727						
April	357	-	581	136	82	1,155						
May	420	-	852	233	182	1,687						
June	754	10	868	270	254	2,155						
Total	3,353	4,061	9,824	2,620	5,536	25,393						

Month	Reliant	Fontana Water Co.	Cucamon	ga Valley Wat	Pomona	Total	
	CB-01	CB-19	CB-07	CB-16	Sub-Total		
July	-	216	=	2,641	2,641	196	6,946
August	-	307	-	2,900	2,900	270	8,011
September	-	296	-	2,367	2,367	271	7,156
October	-	233	-	1,209	1,209	119	4,105
November	-	72	-	1,241	1,241	60	2,822
December	-	-	-	1,705	1,705	40	2,739
January	-	-	=	1,703	1,703	11	2,818
February	-	-	-	658	658	29	1,617
March	-	-	=	672	672	-	1,399
April	-	-	-	952	952	26	2,132
May	-	43	-	1,735	1,735	64	3,529
June	-	229	i	2,214	2,214	131	4,729
Total	-	1,398	-	19,995	19,995	1,217	48,003

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

Appendix K

 $<sup>^{\</sup>rm 2}$  Total includes water delivered directly from WFA and from WFA through MVWD by agreement.

# SUMMARY OF CONJUNCTIVE USE, REPLENISHMENT, AND CYCLIC ACTIVITIES FISCAL YEAR 2010-2011 (ACRE-FEET)

			_	~ .									<b>-</b>
Conjunctive Lies All Portion Store	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Conjunctive Use, All Parties - Storage													
Direct													
Monte Vista Water District	-	-	-	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	-	-	-	-	-	-	-	-	-
In-Lieu													
Chino Basin Watermaster	-	-	-	-	-	-	-	-	-	-	-	-	-
Chino, City of	_	-	-	_	(17.1)	-	_	-	-	_	-	-	(17.
Chino Hills, City of	_	-	-	_	` -	-	_	-	-	_	-	0.3	0.
Cucamonga Valley Water District	(1,002.9)	-	-	-	-	-	-	-	-	-	-	20.1	(982.
Jurupa Community Services District	(155.0)	(165.0)	(160.0)	(170.0)	(92.5)	-	-	-	-	-	-	14.9	(727.
Monte Vista Water District	(510.0)	(510.0)	(545.0)	(545.0)	(540.4)	(400.0)	-	_	-	-	-	61.2	(2,989.
Ontario, City of	` - ′	(1,900.0)	(686.6)	(298.7)	(436.6)	(408.8)	-	_	-	-	-	74.8	(3,655.
Pomona, City of	_	-	- 1	- 1		-	_	-	-	_	-	-	-
Upland, City of	_	-	_	_	_	-	_	_	-	_	-	-	_
	(1,667.9)	(2,575.0)	(1,391.6)	(1,013.7)	(1,086.6)	(8.808)	-	-	-	-	-	171.4	(8,372.
otal Storage / (Withdrawals)	(1,667.9)	(2,575.0)	(1,391.6)	(1,013.7)	(1,086.6)	(808.8)	_	_	_	_	_	171.4	(8,372.
eplenishment (and Preemptive Replenishme									: 8,889.085 AF				
Direct* ASR (Monte Vista Water District)	-	-	-	-	-	-	-	-	-	-	-	185.5	185
CB-11 (Deer Creek)	_	-	_	_	_	-	_	_	-	_	-	-	-
CB-13 (San Sevaine)	-	-	-	-	-	-	-	-	-	-	455.4	675.1	1,130.
CB-14 (Etiwanda)	-	-	-	-	-	-	-	-	-	-	215.9	-	215.
CB-15 (Day Creek)	-	-	-	-	-	-	-	-	-	-	412.6	480.9	893.
CB-18 (Etiwanda Inter-tie)	-	-	-	-	-	-	-	-	-	-	300.9	591.1	892.
CB-20 (West Cucamonga)	-	-	-	-	-	-	-	-	-	-	218.0	408.1	626.
OC-59 (San Antonio)	-	-	-	-	-	-		-		-	2,044.0	3,086.5	5,130.
	-	-	-	-	-	-	-	-	-	-	3,646.8	5,427.2	9,074.
In-Lieu													
Service Connections													
CB-12	-	-	-	-	-	-	-	-	-	-	-	-	-
CB-16	-	-	-	-	-	-	-	_	-	-	-	<u> </u>	_
	-	-	-	-	-	-	-	-	-	-	-	-	-
Purchased from Appropriators	-	-	-	-	-	-	-	-		-	8,889.1	-	8,889.
urchased from Cyclic Account	_	_	_	_	_	_	_	_	_	_	_	_	_
•													
Pre-Purchased Previous Year(s)	-	-	-	-	-	-	-	-	-	-	-	-	-
otal Replenishment	_	_	_	_	_	_	_	_	_	_	12,535.9	5,427.2	17,963.

<sup>\*</sup> Direct replenishment deliveries during FY 2010-2011 were purchased as preemptive replenishment by Fontana Water Company (6,980.0 acre-feet) and Niagara Bottling LLC (2,094.0 acre-feet) and credited to their "New" Supplemental Storage accounts.

#### SUMMARY OF STORMWATER RECHARGE FISCAL YEAR 2010-2011 (ACRE-FEET)

	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
MANAGEMENT ZONE 1:													
San Antonio Channel / CB-59													
Brooks	1	1	1	24	44	282	_	122	141	1	10	1	62
College Heights	_ '	_ '	_ '	1	-	315	223	-	54	_ '	-	_ '	59
Montclair 1, 2 3 & 4				41	70	901	325	215	199		11	_	1,76
Upland	_	_	_	7	38	722	318	90	133	_	- ''	_	1,70
West Cucamonga Channel / CB-20	-	-	-	,	30	122	310	90	133	-	-	-	1,30
15th Street					_	_	_	_	_			_	_
7th Street	- 17	- 19	5	- 4	24	96	- 8	60	- 71	_	1	7	31
8th Street	13	9	31	85	163	403	102	216	179	24	32	14	1,27
our Street	13	9	31	80	103	403	102	210	179	24	32	14	1,27
MANAGEMENT ZONE 2:													
Cucamonga / Deer Creek Channels													
Turner 1 & 2	23	53	57	90	141	365	190	233	264	76	138	90	1,72
Turner 3 & 4	95	84	54	55	39	161	1	50	49	-	-	-	58
Day Creek Channel													-
Lower Day	2	1	1	17	11	351	17	91	152	56	3	1	70
Etiwanda Channel													
Etiwanda Debris Basin	_	_	_	8	31	698	_	90	294	90	2	_	1,21
Victoria	3	2	2	15	34	242	18	72	59	5	6	3	46
Minor Drainage	Ŭ	-	_	10	01		10		00	Ü	Ü	ŭ	
Grove				65	60	94	68	59	61		24	_	43
San Sevaine Channel	-	-	-	03	00	34	00	39	01	-	24	-	40
San Sevaine 1, 2, 3 & 4				86	63	385	1	94	68		2	_	69
San Sevaine 5	-	-	-	9	18	192	12	49	65	-	5	-	35
West Cucamonga Channel	-	-	-	9	10	192	12	49	00	-	5	-	30
Ely 1, 2 & 3				29	127	572	104	323	236	3	13	8	1,41
ভাগু ।, ২ ৫ ও West Fontana Channel	-	-	-	29	127	372	104	323	230	3	13	0	1,41
			40	40	00	440	40	70	70				0.7
Hickory	-	-	12	13	36	149	12	79	70	-	-	-	37
MANAGEMENT ZONE 3:													
Day Creek Channel													
Riverside	-	-	-	-	-	-	-	-	-	-	-	-	-
Wineville	-	-	-	-	-	-	-	-	-	-	-	-	-
DeClez Channel													
DeClez	3	8	2	45	95	313	52	196	138	2	14	9	87
RP3 Cell 1, 3, & 4	-	-	5	42	117	644	220	211	306	134	52	28	1,75
RP3 Cell 2	7	6	20	29	29	100	15	104	108	8	10	6	44
Etiwanda Channel													
Etiwanda Conservation	_	_	_	_	_	_	_	_	_	_	_	_	_
San Sevaine Channel	_	_	_	_	_	_	_	_	_	_	_	_	_
Jurupa	-	-	-	-	-	-	-	-	-	-	-	-	-
West Fontana Channel													
Banana	-	-	-	5	16	51	10	41	26	-	-	-	14
Tatala	464	400	100	670	4 456	7.006	1.606	2.205	0.670	200	200	467	47.05
Totals	164	183	190	670	1,156	7,036	1,696	2,395	2,673	399	323	167	17,05

## APPROPRIATIVE POOL ASSESSMENT FEE SUMMARY PRODUCTION YEAR 2010-2011



#### Assessment Year 2011-2012 (Production Year 2010-2011)

#### Pool 3 Assessment Fee Summary

		Appropri	ative Pool	Ag P	Replem		
	AF Production and Exchanges	\$8.60 AF/Admin	\$40.54 AF/OBMP	AF Total Reallocation	\$269,610.99 \$5.24 AF/Admin	\$1,270,708.99 \$24.69 AF/OBMP	AF/15%
Arrowhead Min Spring Water Co	408.457	3,512.73	16,558.85	0.000	0.00	0.00	0.00
Chino Hills, City Of	1,766,644	15,193.14	71,619.75	2,074.125	10,867.27	51,218.73	254.53
Chine, City Of	673.146	5,789.06	27,289.34	8,219,830	43,067.36	202,981.62	96.98
Cucamonga Valley Water District	19.334.924	166,280.35	783,837.82	2,546,942	13.344.57	62,894.54	2,785.72
Desatter Authority	29,318,718	0.00	0.00	0.000	0.00	0.00	0.00
Fortana Union Water Company	0.000	0.00	0.00	3,523.884	18,463.20	87,019.26	0.00
Fontana Water Company	8.348.452	71,796.70	338,445.28	769.252	4,030.45	18,996.02	1,202.82
Fontana, City Of	0.000	0.00	0.00	0.000	0.00	0.00	0.00
Golden State Water Company	443.945	3,817.93	17,997.53	226.723	1,187.90	5,598.73	63.96
Jurupa Community Services District	13.501.296	116,111.15	547,342.54	12,774,147	66,929.46	315,445.56	1,945.23
Manygold Mutual Water Company	1,107.368	9,523.36	44,892.70	301.246	1,892.73	8,920.66	0.00
Monte Vista Irrigation Company	0.000	0.00	0.00	373.035	1,954.50	9,211,78	0.00
Monte Vista Water District	8.869.574	76,278.34	359,572.53	2,710.072	14,199.28	66,922.89	1,277.90
Niagara Bottling, LLC	1,344.692	11,564,35	54,513.81	0.000	0.00	0.00	0.00
Nicholson Trust	0.000	0.00	0.00	2.116	11.09	52.25	0.00
Norco, City Of	0.000	0.00	0,00	111,246	582.87	2,747.12	0.00
Ontario, City Of	10,604.065	91,194.97	429,888.84	7,583.917	39,735.53	187,278.30	1,527.80
Pomona, City Of	10,527,824	90,539.29	426,797.98	6,183,196	32.396.52	152,688.70	0.00
San Antonio Water Company	716.095	6,158.42	29,030.49	830 714	4,352.48	20,513.77	103.17
San Bernandino County Shig Prk	17,605	151.40	713.71	0.000	0.00	0.00	2.54
Santa Ana River Water Company	12.514	107.62	507.32	717.352	3,758.53	17,714.39	1.80
Upland, City Of	733 813	6,310.79	29,748.78	1,572.552	8,239.30	38,832.82	105.73
West End Consolidated Water Com	0.000	0.00	0.00	522.370	2,736.93	12,899.48	0.00
West Valley Water District	0.000	0.00	0.00	355 200	1,861.05	8,771.36	0.00
	107,729,132	674,329.57	3,178,758.25	51,457.919	269,610,99	1,270,708.99	9,368.19
	1A	1B	10	1D	1E	1F	1G

Appendix N-1

ment Assess	ments	85/15 Water Tran	saction Activity			A1	SESSMENTS I	DUE
\$487.90 AF/85%	\$574.00 AF/100%	15% Producer Credits	15% Pro-rated Debits	CURO Adjustment	Other Adjustments	Total Production Based	Recharge Debt Payment	Total Due
0.00	234,454.32	0.00	0.00	(2,631.34)	0.00	251,894.55	0.00	251,894.55
0.00	0.00	0.00	13,139,10	67.43	0.00	162,359.94	17,366.62	179,726,56
0.00	0.00	0.00	5,009.40	25.69	0.00	284,256.45	33,177.42	317,433.87
0.00	0.00	0.00	143,800.02	737.94	0.00	1,173,680.95	29.768.13	1,203,449.0
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	0.00	105,482.48	52,568.87	158,061.3
44,496.97	0.00	(444,065.00)	62,090.12	4,475.14	0.00	101,469.49	9.02	101,478.5
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	3,301.76	16.94	0.00	31,984.75	3,362.23	35,366.96
0.00	0.00	0.00	100,413.46	10,464.86	0.00	1,158,653.25	16,951.74	1,175,604.9
0.00	0.00	0.00	0.00	0.00	0.00	65,229.45	5.389.02	70,618.4
0.00	0.00	0.00	0.00	0.00	0.00	11,186.27	5,564.90	16,731.17
0.00	0.00	(39,525.00)	65,965.86	338.52	0.00	545,030.32	39,671.30	584,701.63
0.00	365,926.60	0.00	0.00	(9,934,41)	0.00	442,070.36	0.00	442,070.36
0.00	0.00	0.00	0.00	0.00	0.00	63.34	31.57	94.9
0.00	0.00	0.00	0.00	0.00	0.00	3,329.99	1,659.55	4,989.54
0.00	0.00	0.00	78,865.64	404.72	0.00	828,895.98	93,538.95	922,434.9
0.00	0.00	0.00	0.00	0.00	0.00	702,422.49	92,240.18	794,662.6
0.00	0.00	0.00	5,325.83	27.33	0.00	65,511.48	12,392.49	77,903.9
8,589.48	0.00	0.00	130.93	(42.74)	0.00	9,545.32	0.00	9,545.3
0.00	0.00	0.00	93.07	0.48	0.00	22,183.20	10,701.38	32,884.5
0.00	0.00	0.00	5,457.60	28.01	0.00	88,723.02	23,459.15	112,182.1
0.00	0.00	0.00	0.00	0.00	0.00	15,636.41	7,792.66	23,429.00
0.00	0.00	0.00	0.00	0.00	0.00	10,632.41	5,298.83	15,931.24
53,086.45	620,380.92	(483,590.00)	483,590.00	3,978.55	0.00	6,080,221.91	450,963.99	6,531,185.90
1H	11	13	1K	1L	1M	1N	10	16

## APPROPRIATIVE POOL WATER PRODUCTION SUMMARY PRODUCTION YEAR 2010-2011



Assessment Year 2011-2012 (Production Year 2010-2011)

### **Pool 3 Water Production Summary**

	Percent of Operating Safe Yield	Assigned Share of Operating Safe Yield	Carryover Beginning Balance	Prior Year Adjust- ments	2% Storage Loss	Net Ag Pool Reallocation	Water Transaction Activity
Arrowhead Mtn Spring Water Co.	0.000%	0.000	0.000	0.000	0.000	0.000	0.000
Chino Hills, City Of	3.851%	2,111,422	2,111,422	0.000	(42.228)	2,074,125	0.000
Chino, City Of	7.357%	4,033.857	4,033.857	0.000	(80.677)	8,219.830	(4,055.720)
Cucamonga Valley Water District	6.601%	3,619,454	3,619,454	0.000	(72.389)	2,546,942	9.915.620
Desaiter Authority	0.000%	0.000	0.000	0.000	0.000	0.000	0.000
Fontana Union Water Company	11.657%	6,391.736	0.000	0.000	0.000	3,523,884	(9.915.620)
Fontana Water Company	0.002%	1,000	0.000	0.000	0.000	769.252	7,487,000
Fontana, City Of	0.000%	0.000	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	0.750%	411.476	411.476	0.000	(8.229)	226.723	0.000
Junpa Community Services District	3.759%	2,061.118	2,061,118	0.000	(41.222)	12,774,147	1,100,000
Marygold Mutual Water Company	1.195%	655.317	655.317	0.000	(13.106)	361.246	16.000
Monte Vista Irrigation Company	1,234%	676.759	0.000	0.000	0.000	373 035	0.000
Monte Vista Water District	8.797%	4,823.954	1,406.635	0.000	(28.132)	2,710,072	4,546,972
Nagara Botting, LLC	0.000%	0.000	0,000	0.000	0.000	0.000	672 346
Nicholson Trust	0.007%	4.000	1.077	0.000	(0.021)	2.116	(7,000)
Norco, City Of	0.368%	201.545	201.545	0.000	(4.030)	111.246	0.000
Ontario, City Of	20.742%	11,373.816	11,373.816	0.000	(227.476)	7,583.917	92.145
Pomona, City Of	20 454%	11,215.852	11,215,852	0.000	(224.317)	6,163.196	219 678
San Antonio Water Company	2.748%	1,506.888	1.505.888	0.000	(30.137)	830.714	(2,169,484)
San Bernardino County Shtg Prk	0.000%	0.000	0.000	0.000	0.000	0.000	0.000
Santa Ana River Water Company	2.372%	1,301,374	194.166	0.000	(3.883)	717.352	(2,026.102)
Upland, City Of	5.202%	2,852.401	1,825,707	0.000	(36.514)	1,572.552	(4,297.370)
West End Consolidated Water Compa	1.728%	947.714	0.000	0.000	0.000	522 370	0.000
West Valley Water District	1.175%	644.317	644.317	0.000	(12.886)	355.200	15.000
Less Desaiter Authority Production Total Less Desaiter Authority Production	100.00%	54,834.000	41,262.647	0.000	(825.247)	\$1,457.919	1,593.465
p2: Watermaster Party DYY accounting is on a July 1 - June 30 fiscal year.	2A	28	2C	20	2E	2F	2G

New	Annual	Actual Fiscal	Storage and	Total	Net Over-	Production	Und	er Production B	elances
Yield	Production Right	Year Production	Recovery Program(s)	Production and Exchanges	85/15%	100%	Total Under- Produced	Carryover: Next Year Begin Bal	To Excess Carryover Account
0.000	0.000	408.457	0.000	408.457	0.000	408.457	0.000	0.000	0.000
0.000	6,254,740	1,766,644	0.000	1,766,644	0.000	0.000	4,488.096	2,111,422	2,376,674
0.000	12,151,145	689 932	(16.786)	673.146	0.000	0.000	11,478.000	4,033.857	7,444.143
0.000	19,629.061	20.317.710	(982.786)	19,334 924	0.000	0.000	294.156	294.156	0.000
0.000	0.000	29,318.718	0.000	29,318.718	0.000	29,318.718	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.000	8.257.252	8,348.453	0.000	8,348.452	91,200	0.000	0.000	0.000	0.000
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0,000	0.000
0.000	1,041.445	443.945	0.000	443.945	0.000	0.000	597.500	411.476	186.024
0.000	17,955.161	14,228.682	(727.586)	13,501,296	0.000	0.000	4,453.865	2.061.118	2,392,747
0.000	1,674.774	1,107.368	0.000	1,107.368	0.000	0.000	567.406	567.406	0.000
0.000	1.049.793	0.000	0.000	0.000	0.000	0.000	1,049.793	676.759	373.034
0.000	13,459.501	11,656,760	(2,989,180)	8,969.574	0.000	0.000	4,589.927	4,589.927	0.000
0.000	672.346	1,344,692	0.000	1,344.692	0.000	672.346	0.000	0.000	0.000
0.000	0.171	0.000	0.000	0.000	0.000	0.000	0.171	0.171	0.000
0.000	510.306	0.000	0.000	0.000	0.000	0.000	510.306	201.545	308.761
0.000	30,196.218	14,259,954	(3,655,888)	10,604.065	0.000	0.000	19,592.152	11,373.816	8,218,336
0.000	28,610.261	10.527.824	0.000	10,527,824	0.000	0.000	18,082,436	11,215.652	6.866.584
0.000	1,644.869	716.095	0.000	716.095	0.000	0.000	928.773	928.773	0.000
0.000	0.000	17.605	0.000	17.605	17.605	0.000	0.000	0.000	0.000
0.000	182.906	12.514	0.000	12.514	0.000	0.000	170.392	170.392	0.000
0.000	1,916,776	733.813	0.000	733.813	0.000	0.000	1,182.963	1,182.963	0.000
0.000	1,470.084	0.000	0.000	0.000	0.000	0.000	1,470.084	947,714	522.370
0.000	1,645.948	0.000	0.000	0.000	0.000	0.000	1,645.948	644.317	1,001,631
0.000	148,322.778	116,101.366 29,318.718 86,782.648	(8,372.232)	107,729.132 29,318.718 78,410.414	108.805	30,399.521 29,318.718 1,080.803	71,101.968	41,411.664	29,690.30
2H	21	2J	2K	2L	2M	2N	20	2P	2Q

## APPROPRIATIVE POOL SUPPLEMENTAL STORAGE ACCOUNT SUMMARY PRODUCTION YEAR 2010-2011



Assessment Year 2011-2012 (Production Year 2010-2011)

### **Pool 3 Supplemental Storage Account Summary**

			Инсоц	rgjjad Marcy chief			
,	Production * Exchanges (RIV Agencies Only)	Beginning Batance	24 Storage Lota	Current Recharged Recycled	Transler to ECO Account	Ending Detence	Beginning Balance
Arrownead Min Spring Water Co		0.00	5.000	obto	6/6	6.000	g tác
China Hits: City Of	1,762,624	1000909	(0.00)	718700	9/10/00E	L181:000	5,377,604
Chino; City Of	072,140		Æ Hig	<i>15.130</i> 2	5.02	MA.A.	municia il a
Caramonga Valley Water District	79.334 NO4		<b>PI</b>	10000	0.00	4, 9,94, 9,87	(12/01/2024)
Desaster Authority	AI-7	0.000	44,40	1,500	PIP.	9.00	9,59
Fontana Unico Water Company						6.6	2.0
Fortana Water Company		0,000	(0,000)	(15.0	grou.	(1000)	0.000
Forting, Cay Of	03803	0.000	5.74(2,12)	.,000	ost, se i	0.487.1	
Golden State Water Company		9,095	000	100	603	9.000	(3)4(5)
Jurupa Community Services District	F.(800.22A)	619:557	: 412.20t)	403.000	V&10001	1,010,466	0:000
Marygold Mutual Water Company					5.72		thata
Morea Visia Impation Company	**	77.77	1000	novi			Waat Tox
Monte Vista Water District	116 (377)	504040	mm#:. <b>!</b> L+(1.115)	mma ( ) ( )			marta la com
Nagara Botting, LLC			() DO	.co	TIZ.	6.6	5,32
Nichemor Trust					gra, cen		∳ lan
Notes, City Of	<b>и</b>	0.000	i CalCata	.0400	- Argon	S	9,000
Ontario, City Of	hatteria.	4.311.123	<b>(21.32</b> 5)	3,8350	<b>500</b> 0	12.6.63	1374.211
Poroces, Cây Of		ů.Mů	0.000	4 600	2000	6.000	117/2000
San Antonia Water Company		2.5		, Č			
San Bernardeso County Shig Pre		0,000	4.000	160	Y TO THE		100
Santa Ana River Water Coregonay	iller.	0.030			alak	6.050	
Uplana, Cay Of	733.013	1,178,946	(23.574)	789200	6.2	1,944,640	4316194
West End Consolidated Water Company	31.33 31.33	9.000		700		67647	0.66
West Varies Water District	- Artr	0.000	0.000	0.000	:84,04:	:0.000	9.000
	24.462.443	12,084,780	( <b>de</b> l'étre)	\$1,3144	0.000	\$8.671.00B	##2105584
	સીમાણેક્સનો	minimitar:	· Canadalining	- Ameliand A	kkingimsimts	genidajute, ·	- qquudeda,q.

p4: PAC's and Hagar's May and June 2011 prescriptive replanishment amounts were placed into their New Supplemental Storage accounts. In January 2012, FMC from

a Continues.	ļ.	ACCINETE.		Ann an i		<b>A</b> rtinion	repen, fen dinen,	, dan menden	
Ending Balance	Facing Malawan	Transfer to ECO Account	Transfers Tá i (From)	Is Strage Laus	Degioning (Intende	Coding Dalasca	Transfer to ECO Account	Transfort To / (From)	II. Search oper Long
			100	17.75		2,000	1.575	0.520	D 000
TELLEGIS	0.000	()(0.00)	O.49.0Y	0.000		- 1200146	108:15	+čir	(MT <b>fac</b> l
- E L	Ang Estate 1			(415.11)	1.5	in the second			
41.576 <b>1</b> 67	425303300	0.000	7/2003	<b>#355</b> 75	276575590	47577477		4,717.2	12/02/14/15
									Date:
€4€	15.5	Ę.Ę.	(9.6	1,018	6333	1212	1.52.5	787	đá.
0.00	<b>6401</b>	eri i da aray	es de la comp	10,000	6431	150301	(1)	(4.55)	
<u>G</u> , s.	Quad.	400.2	1,247	2,039				10,000	5,000
1,591,46	12.34	17 (18)	1,1777	(17,184)	54/72k	1258487	(4)	100	(37.499)
1,001.40		0.000	0500	: (22304):	1,100,343	Anjary)	9777	:040	2100
	Exa					Maga.	00000000000000000000000000000000000000		
- EV-3	34.40	6.454	756	····· ir biri		W 214.454	0.503	000	(125,825)
	23.0948			847.5301		32600	933	9.00	MARIA I
1,425, 3	1,421,534	(6-2492)	10400	426	375	10.6		466	0.000
0.09									
101.04	120,724,9	8,000	40.807	122,021	102213	5.53.	10000	3,000	1000
22/14/18/31	5.201.705	0.000	1.00	(107-953)	3.237/633	1.856.427	4,200	200	TE DE
13.734.226	1.716.472	(h.tiba)	ů úliá	(12.010)	i Brasi	tanaan.	volency.	200	os o
	month an America		Marie Parkinson A	anida.		9.44			6.23
ėj v			17.00.00		9239	\$100	10 (5 1) 10 °C	0.000	
<b>62</b> 8 677	313.0	0.740	0.70	302:31	[2012](3)	31425	:*()	\$\$100.E	4:177:28
43.3-1		E.GO		3.53	177.53	133.75			1152.124
		######################################		**************************************	90000 - 31 - 300	***************************************		%0(%)	**************************************
2.05.00		6,000	0.000	368888	345.513	ánia.	0.00	- 6 OTG	0.000
98,079.95	19,623,575	(7,052,346)	9,074,000	(388.138)	18,287,204	\$8,505,269	0.500	97,000	1,196,616

aferred 6.960,000 AF and Nagara handered 572,345 AF to other time Production Faur 2010-2011 everyreduction obligations.

41.

414

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Appendix P-2

4N

Must not exceed 102,000 AF per Peace Agreements Land II.

4P

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## APPROPRIATIVE POOL EXCESS CARRY OVER ACCOUNT SUMMARY PRODUCTION YEAR 2010-2011



Assessment Year 2011-2012 (Production Year 2010-2011)

### Pool 3 Excess Carry Over Account Summary

	1		xcess Carry O	ver Account (EC	(0)	
	Beginning Balance	2% Storage Loss	Transfers To / (From)	From Supplemental Storage	From Under- Production	Ending Balance
Arrowhead Mtn Spring Water Co	0.000	0.000	0.000	0.000	0.000	0.000
Chino Hills, City Of	6,691.430	(133.828)	0.000	0.000	2,376.674	8.934.276
Chino, City Of	22,852,948	(457.058)	0.000	0.000	7,444.143	29,840,033
Cucamonga Valley Water District	42,859,591	(867,191)	0.000	0.000	0.000	42,002,400
Desalter Authority	0.000	0.000	0.000	0.000	0.000	0.000
Fontana Union Water Company	0.000	0.000	0.000	0.000	0.000	0.000
Fontana Water Company	0.000	0.000	(6,980,000)	6,980,000	0.000	0.000
Fontana, City Of	0.000	0.000	0.000	0.000	0.000	0.000
Golden State Water Company	884.823	(17.696)	0.000	0.000	186.024	1,053,151
Jurupa Community Services District	4,399,318	(87.986)	0.000	0.000	2,392,747	6,704,079
Marygold Mutual Water Company	670.293	(13.405)	0.000	0.000	0.000	656.888
Monte Vista Irrigation Company	1,623,668	(32.473)	0.000	0.000	373 034	1,964,229
Monte Vista Water District	1,175.098	(23.501)	(500,000)	0.000	0.000	651.597
Niegara Bottling, LLC	0.000	0.000	(672.346)	672.346	0.000	0.000
Nicholson Trust	0.000	0.000	0.000	0.000	0.000	0.000
Norce, City Of	1,942,038	(38.840)	0.000	0.000	308.761	2.211.959
Ontario, City Of	10.533.973	(210.679)	0.000	0.000	8,218,335	18,541,629
Pomona, City Of	8.310.562	(166.211)	(1,965.170)	0.000	6,866,584	13,045.765
San Antonio Water Company	8,274.552	(165.491)	0.000	0.000	0.000	8,109,061
San Bernardino County Shig Prik	0.000	0.000	0.000	0.000	0.000	0.000
Santa Ana River Water Company	214.004	(4.280)	0.000	0.000	0.000	209.724
Upland, City Of	6,076.681	(121.533)	370.000	0.000	0.000	6,325 148
West End Consolidated Water Comp	1,381,030	(27.620)	0.000	0.000	522.370	1,875,780
West Valley Water District	3,006.571	(60.133)	0.000	0.000	1,001.631	3,948.169
	120,896.680	(2,417.925)	(9,747.516)	7,652.346	29,690.303	146,073.888

3A 3B 3C 3D 3E 3F

Appendix Q

#### APPROPRIATIVE POOL OTHER STORAGE ACCOUNTS SUMMARY **PRODUCTION YEAR 2010-2011**



#### Desalter Replenishment:

	Beginning Balance	Storage Loss	Transfers To	Transfers From	Ending Balance
Re-Operation Offset:	0.000/100		7000	TRANSPORT WINE	
Pre-Peace II Desalters	139,359.706	0.000	0.000	(29,318.718)	110,040.988
Re-Operation Offset:		Transport of the Control of the Cont			
Peace II Expansion	175,000.000	0,000	0.000	0.000	175,000.000
Non-Ag Dedication	0,000	0.000	0.000	0.000	0.000
	5A	5B	5C	SD	5E

#### Storage and Recovery:

	Beginning Balance	Storage Loss	Transfers To	Transfers From	Ending Balance
MWD DYY / CUP	8,543.093	(170.861)	0.000	(8,372.232)	0.000
	5F	5G	5H	51	5.3

#### Chino Basin Watermaster:

	June 30, 2007 Storage Balance	June 30, 2008 Storage Loss	June 30, 2009 Storage Loss	June 30, 2010 Storage Loss	Ending Balance
Holding Account	0.000	0.000	0.000	0.000	0.000
	5K	5L	5M	5N	50

p5: 1) "Re-Operation Offset: Pre-Peace II Desafters" had an original beginning balance of 225,000.000 AF. It will need adjustment following the current modeling work and will be adjusted in the next Assessment Package.

2) "Re-Operation Offset: Peace II Expansion" had an original beginning balance of 175,000.000 AF. 3) There is no loss assessed on the native Basin water allocated to offset Desafter production as a result of Basin Reoperation as approved in the Peace II Agreement.

## APPROPRIATIVE POOL WATER TRANSACTION SUMMARY PRODUCTION YEAR 2010-2011



#### Assessment Year 2011-2012 (Production Year 2010-2011)

### **Pool 3 Water Transaction Summary**

		Water Tra	nsactions	
	Assigned Rights	General Transfer	Transfers To / (From) ECO Account	Total Water Transactions
Arrowhead Mtn Spring Water Co	0.000	0.000	0.000	0.000
Chino Hills, City Of	0.000	0.000	0,000	0.000
Chino, City Of	(4,055,720)	0.000	0.000	(4,055.720)
Cucamonga Valley Water District	9,915,620	0.000	0.000	9,915.620
Desalter Authority	0.000	0.000	0.000	0.000
Fontana Union Water Company	(9,915.620)	0.000	0.000	(9.915.620)
Fontana Water Company	507.000	0.000	6,980.000	7,487.000
Fontana, City Of	0.000	0.000	0.000	0.000
Golden State Water Company	0.000	0.000	0.000	0.000
Jurupa Community Services District	1,100,000	0.000	0.000	1,100.000
Marygold Mutual Water Company	0.000	16.000	0.000	16.000
Monte Vista Irrigation Company	0.000	0.000	0.000	0.000
Monte Vista Water District	3,834.294	212.678	500.000	4,546.972
Niagara Bottling, LLC	0.000	0.000	672.346	672.346
Nicholson Trust	(7.000)	0.000	0.000	(7.000)
Norco, City Of	0.000	0.000	0.000	0.000
Ontario, City Of	12.145	80.000	0.000	92.145
Pomona, City Of	(1,965.170)	219.678	1,955.170	219.678
San Antonio Water Company	(2,169.484)	0.000	0.000	(2,169,484)
San Bernardino County Shtg Prk	0.000	0.000	0.000	0.000
Santa Ana River Water Company	(2,057.102)	31.000	0.000	(2,026.102)
Upland, City Of	(4,088.048)	160.678	(370.000)	(4,297.370)
West End Consolidated Water Company	0.000	0.000	0.000	0.000
West Valley Water District	0.000	15.000	0.000	15.000
	(8,889,085)	735.034	9,747.516	1,593.465
	6A	68	6C	6D

p6: Column 6A does not equal zero because 8,889.085 AF were transferred from Parties to Watermaster toward the CURO.

## APPROPRIATIVE POOL WATER TRANSACTION DETAIL PRODUCTION YEAR 2010-2011



#### Chino Basin Watermaster Asssessment Breakdown

### 2011-2012 Water Transaction Detail

Assessment Year 2011-2012 (Production Year 2010-2011)

in		Date of		angles do status in			a 85/15 Ruin Ap	(PAIS).
To:		Haterictical	Charactery	1 / Acre Feet	Total #	907.	ts:	VM Paga
China Esta La constanta	Chino, City Of Annual Access	34/2011	4.005.740	547.40	\$4,407,00%,44		······································	
Tegun serit. 1111 di na	tid, i mang kamanika kacampanja katampan ana	and something something	C. And A.		11.71			
	Cestions, City Ct Annual Associati	31201.1	47,022	(62(1)/20)	\$25.216.66 			
	All producing them. Demonstrates to be businesses.		1 11 A. 2111 A. A. A. A.	The delication and the	Lactary Calculation of Machine			
:	Pomons, City Of Clarage Account	21(4, 53)	1,580,170	52740				
			Napropin What	· However, week.	Charles At manner toward			
	Sant's Arra Price Water Company Americal Accepted To promisely Act of American Santagers		P57, 102	*****				
				and the land of the land	Maria Maria de Maria de Maria			
	Updand, Chy Of Annual Association	\$#####	221120	4277.00	11 17 015 C1			
			( u 5 , a )					
	The same of the second		A. 1900 (MI)			Market Harry		
27.1.1	and the second s	en Amain, dy Falle.	en and a fee					
	Marcin Vista Vistar Contract District	2/15/10/1	560 000	507 00	127.5300	6:01000		Contraction of the contraction o
V	Microsom True Atmost Account	(6/21/2011	******	541.00	10,737.00	\$3.00	170.03	Partisale IV., inc. Assertance
	Sangha Ray Was Conjug.	425.211	3,100,000		\$450,230.00			110/14/19
Company Visita Visita	San Antonio Water Company Annual Account			182.00	850 186 BJ			
	eletical distribution and accommodate to	principal supplies a	- <b>/</b>	10.000				
	Can America March Computery Value 17 / 2003	1/26/2011	<b>E</b> E	₹03500				
	Lighted Gay Of Artical Accordi	WEGGO	4 500 000	¥,6;0;	¥1,90,00.00			
Interior City Of	San Antonio Water Company Annual Acoust	1/26/2011	40.000	466.00	K27 990 100			

## APPROPRIATIVE POOL WATER TRANSACTION DETAIL CONT. PRODUCTION YEAR 2010-2011



#### Chino Basin Watermaster Asssessment Breakdown

### 2011-2012 Water Transaction Detail

Assessment Year 2011-2012 (Production Year 2010-2011)

		Date of		\$ / Acre Feet	Total \$	If 85/15 Rule Applies:			
To:	From:	Submittal	Quantity			85%	15%	WM Pays	
Upland, City Of	Pomona, City Of Storage Account	1/18/2011	370.000	0.00	\$0.00				
	Exchange between Six Basins and C	thing Basin water, fro	m Pomons's EC	O Account to Upla	nd's ECO Account.				
	San Antonio Water Company Annual Account	1/26/2011	880.000	466.00	\$410,080.00				
	San Antonio Water Company Annual Account	2/1/2011	895,190	183.00	\$163,819.77				
	85/15 Rules does not apply-method	of utilizing SAWCO s	hares.						
		3	24,015,569		\$10,598,726,70	\$2,740,343.33	\$483,590.00		
					Total Cr	odits	\$483,590.00		

## APPROPRIATIVE POOL RECURRING WATER TRANSACTION DETAIL PRODUCTION YEAR 2010-2011



Assessment Year 2011-2012 (Production Year 2010-2011)

#### **Applied Recurring Transactions:**

From:	To:	Quantity	\$ / Acre Feet	
Fontana Union Water Company Annual Account - 32,800 AF Early Transfer	Cucamonga Valley Water District Annual Account - Assigned Rights	All	0.00	Transfer FUWC Ag Pool Reallocation Early Transfer to CVWD.
Fontana Union Water Company Annual Account - Diff - Potential vs. Net	Cucamonga Valley Water District Annual Account - Assigned Rights	A	0.00	Transfer FUWC Ag Pool Reallocation Difference (Potential vs. Net) to CVWD.
Fontana Union Water Company Annual Account - New Yield	Cucamonga Valley Water District Annual Account - Assigned Rights	Adl	0.00	Transfer FUWC New Yield to CVWD.
Fontana Union Water Company Annual Account - Assigned Share of Operating Safe Yield	Cucamonga Valley Water District Annual Account - Assigned Rights	All	0.00	Transfer FUWC Share of Safe Yield to CVWO.

## APPROPRIATIVE POOL ANALYSIS OF THE APPLICATION OF THE 85/15 RULE TO WATER TRANSFERS PRODUCTION YEAR 2010-2011



#### Chino Basin Watermaster Asssessment Breakdown

### 2011-2012 Analysis of the Application of the 85/15 Rule to Water Transfers

Assessment Year 2011-2012 (Production Year 2010-2011)

То	(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 Utilization of SAWCO Shares?	Amount of Transfer Eligible for 85/15 Rule
Chino Basin Watermaster	0.000	Chino, City Of To partially fulfill Watermaster's replenic	3/1/2011 Ihment obligation /	4,055.720 CURO	No	No	No	0.000
		Ontario, City Of To partially fulfill Watermaster's replent	3/1/2011 Imment obligation/C	47.855 URO.	No	No	No	0.000
		Pomona. City Of To partially fulfill Watermaster's replient	3/1/2011 Inment obligation /	1,595.170 CURO	No	No	No	0.000
		Santa Ana River Water Company To partially fulfill Watermaster's replend	3/1/2011 shment obligation /	957.102 CURO	No	No	No	0.000
		Upland, City Of To partially fulfill Watermaster's replent	3/1/2011 shment obligation /	2,233,238 CURO	No	No	No	0.000
Fontana Water Company	(7,578.200)	Fontana Water Company Amount of preemptive replenishment p	6/30/2011 inchased by FWC a	6,980.000 and used in this i	Yes Issessment Paci	Yes age to offset ove	No production	6,980,000
		Monte Vista Water District	2/10/2011	500.000	Yes	Yes	No	500,000
		Nicholson Trust	6/21/2011	7.000	Yes	Yes	No	7.000
Jurupa Community Services District	3,363,865	Santa Ana River Water Company	4252011	1,100,000	Yes	Yes	No	0.000
Monte Vista Water District	255.633	San Antonio Water Company 85/15 Rules does not apply-method of	1/28/2011 utilizing SAWCO st	274.294 hares	Yes	Yes	Yes	0.000
		San Antonio Water Company	1/26/2011	60.000	Yes	Yes	No	0.000
		Upland, City Of	7/15/2010	4,000,000	Yes.	Yes	No	0.000
Ontario, Cey Of	19.580.008	San Antonio Water Company	1/26/2011	60.000	Yes	Yes	No	0.000
Upland, City Of	5,641.011	Pomona, City Of Exchange between Six Basins and Chir	1/18/2011 no Sasin water, from	370.000 m Pomona's ECO	Yes O Account to Upil	Yes and's ECO Accou	No.	0.000
		San Antonio Water Company	1/26/2011	860.000	Yes	Yes	No	0.000
		San Artonio Water Company 85/15 Rules does not apply-method of	2/1/2011 utilizing SAWCO st	895.190 hares.	Yes	Yes	Yes	0.000

pit. The column stied "(Over)-Under Production Excluding Water Transfer(s)" excludes water transfers between Appropriators and to Watermaster, but includes the "10% Non-Ag Hairout" water to the seven Appropriators.

## WATERMASTER REPLENISHMENT CALCULATION PRODUCTION YEAR 2010-2011



Assessment Year 2011-2012 (Production Year 2010-2011)

## **Watermaster Replenishment Calculation**

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

Watermaster Replenishment Cost	\$560.00
Projected Spreading - OCWD Connection Fee	\$2.00
Projected Spreading - IEUA Surcharge	\$12.00
Pre-purchased Credit	\$0.00
Total Replenishment Cost per acre foot	\$574.00

Replenishment Obligation:	AF @ \$574.00	15%	85%	Total
Appropriative - 100	1,080,803		and the second	\$620,380.92
Appropriative - 15/85	108.805	\$9,368.11	\$53,085.96	\$62,454.07
Non-Agricultural - 100	49.183	101124	TOWNS WHISE	\$28,231.04

1.238.791

\$711,066.0

Arrowhead Mtn Spring Water Co 408.457 Chino Hills, City Of 1,766.644 1,766.644 2,717% \$254.53 Chino, City Of 673.146 573.146 1,035% \$96.98 Cucamonga Valley Water District 19,334.924 19,334.924 29,736% \$2,785,72 Desalter Authority 29,318.718 Fontana Union Water Company 0,000 0,000 0,000% \$0,000 Fontana Water Company 8,348.452 8,348.452 12,839% \$1,202.82	15% Water Transaction Debits
Chino, City Of 673.146 573.146 1.035% \$96.98 Cucamonga Valley Water District 19,334.924 19,334.924 29.736% \$2,785.72 Desalter Authority 29,318.718 Fontana Union Water Company 0,000 0,000 0,000% \$0.00	
Cucamonga Valley Water District 19,334.924 19,334.924 29.736% \$2,785.72  Desalter Authority 29,318.718  Fontana Union Water Company 0,000 0,000 0,000% \$0,000	\$13,139.10
Desalter Authority 29,318.718 - Fontana Union Water Company 0.000 0.000 0.000% \$0.00	\$5,006.40
Fontana Union Water Company 0,000 0,000 0,000% \$0,00	\$143,800.02
Total Company 0.000	
Fontana Water Company 8,348,452 8,348,452 12,839% \$1,202.82	\$0.00
	\$62,090.12
Fontana, City Of 0.000 -	
Golden State Water Company 443.945 443.945 0.683% \$63.96	\$3,301.76
Jurupa Community Services District 13,501.296 13,501.296 20.764% \$1,945.23	\$100,413.46
Marygold Mutual Water Company 1,107.368 -	
Monte Vista Irrigation Company 0.000 0.000 0.000% \$0.00	\$0.00
Monte Vista Water District 8,869.574 8,869.574 13,641% \$1,277.90	\$65,965.86
Niagara Bottling, LLC 1,344,692 -	
Nicholson Trust 0.000 0.000 0.000% \$0.00	\$0.00
Norco, City Of 0.000 0.000 0.000 50.00	\$0.00
Ontario, City Of 10,604,065 10,604,065 16,308% \$1,527.80	\$78,865.84
Pomona, City Of 10,527.824 -	
San Antonio Water Company 716.095 716.095 1.101% \$103.17	\$5,325.83
San Bernardino County Shtg Prk 17.605 17.605 0.027% \$2.54	\$130.93
Santa Ana River Water Company 12.514 12.514 0.019% \$1.80	\$93.07
Upland, City Of 733.813 733.813 1.129% \$105.73	\$5,457.60
West End Consolidated Water Co 0.000 0.000 0.000 \$0.00	\$0.00
West Valley Water District 0.000 0.000 0.000 \$0.00	\$0.00
** Fee assessment total is 15% of Appropriate 15/85 replenishment 107,729.132 65,022.073 ** \$9,368.19	
2L 1G	\$483,590.00

p9: The "Watermaster Regienishment Cost" listed is MWD's 2012 Tier 1 Full Service Untreated Rate.

## WATERMASTER CUMULATIVE UNMET REPLENISHMENT OBLIGATION (CURO) PRODUCTION YEAR 2010-2011



Assessment Year 2011-2012 (Production Year 2010-2011)

### Watermaster Cumulative Unmet Replenishment Obligation (CURO)

1	Remaining Replen	shment Obligation:	M.
	£		
-	Appropriative 100		0.000
á	Appropriative - 15 E		u 000
1		<b>(4)</b>	0.000
- 2			4444434444444

Replenishment Rate
2011 Rate \$574.00
2010 Rate \$541.00

0.000

Pool 3 Appropriative	and the second second	Table and the second second second		AF Production						
Company	Cuteliedeig Obspance (AP)	Franci Dalanse (8)	Collette of our (1)	And Exchanges	\$5r1\$ Producers	Percent	***	95%	100%	Tetal
Acceleration Spring Video Co.		1213163		4442			į.			(\$2,007.34)
Personal Land	u čuo	10.00	<b>50</b> (10)	Per Paral Andrea	1,72244	2117	107.43	<b>L</b> io.		40.43
Own Cry Of	0.000	MAX.		673.146	673.146	1.006	\$40.00	<b>A</b> 200		<b>1.3</b> (0)
Titler Care Vary) Make Tables	40,500	1000	\$0.00	INC. Exce	19.034.034	<b>30739</b> %	MATERIA .	443		profite.
Cresider Authority	0.509	10.00	50.00	29 318 719			1			\$3.00
Foreste Linco Water Company	1,000	14.00	1200	0.00	0.000	1.00	45.00			(2) (X)
Admin Davin Asian in the		(ALC: US)		7 S 47 45 5	8,348,817			a a	X	54,473.14
Pica Singa Cay (Ci	U DLO	\$13,00	E.G.	0.000					44.0	
Three Carles Visited Company	0.000	10.00	1000	443.045	44,3-945	AAA k	516 04	E2140A)		110,64
	40(500)	(\$11.7 <b>5</b> 8.37)	\$16 \$15 \$17	10,501,000	13,501,200	20 764%	1515.70	1791.17		100464.65
Marygotic Maturi Vilator Computny	(0.500)	10.60		(E) (2)		**************************************			40177	
Micros Vista (myadan Caregran)	0.00	50.00	10.50	elen)	3.46	1,1449	4342	4520		10.05
More than Was france	L L		50.00	1.000.074	A 820 554	13.641%	£200.52	1000		
Magaza Butting Alian	0.000	IQ (() 4.41	(80,934.41)	1,344,649					(\$9.6)4.41)	(\$9.504.41)
Machinery Trust	0.000	10.00	1000	80.40	0.50003	4 044 h	(2.10)	1. J. A.		14 CO
Notes City Of	0.000	\$0.00	\$0.00	0.000	0.000	o cope	\$0.00	9200		\$6.00
Cetario, City CV	116411	\$5.00		10 604 055	10.604.003		gapa ty	7 7 7		3404 77
Ferning City (2)	0.000	EU 00	10.03	10.5377.004			· · · · · · · · · · · · · · · · · · ·		1727	2010
San Arsono Water Company	0,900	10.00	<b>10.00</b>	714.030	710.000	1.101%	627.35	10.00		1.27.23
San Bernardso County San File	1,500	457.67	(351-67)	1/4.5	17.645	CAN II	1.16	(\$43.41)		0.6.74
Conta Aria Plant Vieter Gorgany	41.504	E-100	1000	12.014	12.514	0.0194	1941	1.4.4		\$0.48
Ucasal Cap III	0.600	\$0.00	5006	731 H13	733.813	1.129%	828.01	10.00		1020.01
West End Consolidated Mater Congar,	y 4.600	51.60	<b>55.69</b>	0.000	0.000	0.000%	42.00	4.10		40.00
		<b>54</b> 25		e e e	0.1818		10.00	1217		12
Pool 3 Appropriative Total	0,000	(#3,#70,54k	13,074.64	107,739,133	65,022,075	**	\$2,481,64	\$14,062:88	(812,544.75)	42,979.55

p.10. The AF Cultisarding Obligations were setisfied during the previous FY by Watermaker purchasing water from Appropriators, but the \$ Dutatending Obligations are reconciled on these two pages.

## WATERMASTER CUMULATIVE UNMET REPLENISHMENT OBLIGATION (CURO) CONT. PRODUCTION YEAR 2010-2011



Assessment Year 2011-2012 (Production Year 2010-2011)

### Watermaster Cumulative Unmet Replenishment Obligation (CURO)

	Horr	aimb	w A	ogske	man.	<b>Euro</b> i	n mt	Ot		actico (1					
þ	90000999999	*********	*********	********	*****	********	*******	******	******	******	******	******	*******	*****	A.
	Appr	Mark.	dive.	. 10	0								0.1	300	: -:
	Appr	DUR.	tove	× 15	05								4.1	XX	
	Non-	Agri	ببالبد		1Q0								D.	)OO	
	33333333333333	777777777	minimi.	1177771777	*******	17771111	7777777	117777	7777777	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	777777777		1111111111	*******	Ø :

Replenishment Rate
2011 Rate \$574.00
2010 Rate \$541.00

0.000

1 March 1981 201 201 201	18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Yon-Agricultu	

Concany	Outstanding Obligation (AF)	Fund Balance (1)	Outstanding Obligation (1)
Paramon Sixo:			
Angelia Teater Agrees	0.600	\$394.37	(8.25-9.03)
Aqua Capital Management	Dies.	54.5	2.21.22
Auto Cata Specialny	0.050	50.00	10.00
Carles and Cred Indian lines but	0.000	\$0.00	\$7/02
Cog Cellera: Us	0.000	<b>\$0.00</b>	2004
General Perfect Conspany		491.04	<b>(\$1.59</b> )
Caprilling Website, L.P.			54.63
Toward A Visit County No. 2	0.648	- Est (E.S.	3 (2)
WCO, LLC / The Kell Company	0.000	82 DV	\$0.00
Loving Slevior Of The Hills		<b>10 (A</b> )	40.60
Ortano City Non-Ag	0.000	5210	
Taxa In-	1.2.3		<b>11.63</b>
Sam Antonio Wiltery	4.000	\$4.18.24	(527.6.34)
	0.000		1.00
Suction College Edward Company	0.000	\$0.00	50,00
Space ContactMins Long Inc.	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	<b>10 (1)</b>	
Suphist Growers Inc.		<b>ST.</b>	\$ 1.54
Swan Lake Mobile Home Park	0.000	5.000	<b>11. 3</b> .
William Materials Company			21.80
11. 8 1	<b>#</b> :1::;:1	1.1.E	
Pool 2 Non-Agricultural Total	1.140	\$761.29	(\$751.20)

p10. The AF Culpturding Chilgations were satisfied during the previous FY by Wetermester purchasing water from Appropriators, but the \$ Culpturding Obligations are reconciled on these two pages.

## APPROPRIATIVE POOL LAND USE CONVERSION SUMMARY PRODUCTION YEAR 2010-2011



#### Chino Basin Watermaster Asssessment Breakdown

### 2011-2012 Land Use Conversion Summary

Assessment Year 2011-2012 (Production Year 2010-2011)

#### AGRICULTURAL POOL SUMMARY IN ACRE FEET

Agricultural Pool Sale Yeld 62,600,000

Agricultural Yotal Pool Production (01.342.082)

Early Transfer (32,900,000)

Total Conversions (23,033,044)

Linder(Over) Production: (4,375.126)

	Prior Converted	ioroficente-constitu	Cultur	Peace Agents Converted AF	And the second second	Acre Ford	Total Land Visa Conversations Acro-Feet
(E. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	/0.000			478 4	5,470,00	116 000	
Chino, City Of	196 235	1,464,750	17. 714174.10	2,007,410	FROMBUO	4,418,202	0.505.012
	. 6.000	- MEURASI)	500.004		0.000	1, 0 0000	5.0.0.24
Yorana Visce Company	0.000	QXXX	0.000	0.000	417.000	\$34,000	834 (0)
dings removes some rack	(0.000)	278000	3.583.596	3,563,704	4.521.050	9,043,300	17.627.339
Monte Vista Yister Entire	0.000	28.150	36.595	3015/30	9.240	18.480	85.078
Const. English	35.00	127 044	<b>63.5</b> .127		33.57	5.0.754	1,4,5,351
	405.638	5,097,410	7,666.633	8.072.268	7,420,280	14,960,776	23,033,084

## APPROPRIATIVE POOL AGRICULTURAL POOL REALLOCATION SUMMARY PRODUCTION YEAR 2010-2011



Assessment Year 2011-2012 (Production Year 2010-2011)

## **Pool 3 Agricultural Pool Reallocation Summary**

		ALL CONTRACTOR	Resitocation	of Agricutural Po	tural Pool Safe Yield			
	% Share of Operating Safe Yield	32,800 AF Early Transfer	Land Use Conver- sions	Potential for Reallocation (AF)	Difference: Potential vs. Net	Net Ag Pool Reallocation		
Arrowhead Min Spring Water Co	0.000%	0.000	0.000	0.000	0.000	0.000		
Chino Hills, City Of	3.851%	1,263.128	987.346	2,250,474	(179.349)	2,074,125		
Ohino, City Of	7.357%	2,413.096	6,505.612	8,918.708	(698.878)	8,219,830		
Cucamonga Valley Water District	6.601%	2,165,128	598.364	2,763.492	(216.550)	2,546.942		
Desaiter Authority	0.000%	0.000	0.000	0.000	0.000	0.000		
Fontana Union Water Company	11.657%	3,823,496	0.000	3.823.496	(299.612)	3,523,884		
Fortana Water Company	0.002%	0.656	834.000	834 656	(65 404)	769.252		
Fontana, City Of	0.000%	0.000	0.000	0.000	0.000	0.000		
Golden State Water Company	0.750%	246 000	0.000	246,000	(19.277)	226.723		
Jurupa Community Services District	3.759%	1,232,962	12,627,296	13.860.248	(1,086.101)	12,774,147		
Marygold Mutual Water Company	1.195%	391.960	0.000	391.960	(30.714)	361.246		
Monte Vista Irrigation Company	1.234%	404.752	0.000	404.752	(31.717)	373,035		
Monte Vista Water District	8.797%	2,885,416	55,075	2,940.491	(230.419)	2,710.072		
Niagara Bottling, LLC	0.000%	0.000	0.000	0.000	0.000	0.000		
Nicholson Trust	0.007%	2.296	0.000	2.296	(0.180)	2.110		
Norce, City Of	0.368%	120,704	0.000	120.704	(9.458)	111.246		
Ontario, City Of	20.742%	6.803.376	1,425.351	8.228.727	(644,810)	7,583.917		
Pomona, City Of	20.454%	6,706.912	0.000	6,708.912	(525.716)	6,183,196		
San Antonio Water Company	2.748%	901.344	0.000	901.344	(70.630)	830.714		
San Bernardino County Shig Prk	0.000%	0.000	0.000	0.000	0.000	0.000		
Santa Ana River Water Company	2.373%	778.344	0.000	778.344	(60.992)	717.352		
Upland, City Of	5 202%	1,706.256	0.000	1,706,256	(133.704)	1,572.552		
West End Consolidated Water Company	1.728%	566.784	0.000	566.784	(44,414)	522.370		
West Valley Water District	1.175%	385.400	0.000	385.400	(30.200)	355 200		
	100.000%	32,800.000	23,033.044	55,833.044	(4,375.125)	51,457.919		
	12A	12B	12C	12D	12E	12F		

## NON-AGRICULTURAL POOL ASSESSMENT FEE SUMMARY PRODUCTION YEAR 2010-2011



Assessment Year 2011-2012 (Production Year 2010-2011)

### **Pool 2 Assessment Fee Summary**

		Non-Agricultural Pool		Regionis Trend Associations		100.		
	## Production	18.60 AFTAdmin	\$45.64 AFRODENY	AF Excessiony Safe Yasts	5574.00 Post AF	CURO Adjustment	Çetaye Adjuntarında	Total Assessments Due
A MINISTER MINISTER	27.753	2.8.6	្សាភ្នំ។	, caa	4.00	0.00	9.00	1,343.78
Ampalica Tarlia Sarvica	54.447	40270	227774	37391	205220	761.1816	3.64	20.423 (3)
Aust Capital Management	4,000	A.3	*1K;	L.P.C.	e e e e e e e e e e e e e e e e e e e	duc	0.00	000
Life Class Department			lili tje tid			11/4		74.5 <b>.4</b> 67.63
#3 /9/2015 (#6 1 // Style   2 <del>// 1</del>		950701	40.007.60		0,03	(150°)		
CCA Certain Ltr.		4.0			903	4.4	24.62	.0,00
Cemeral Electric Company	9.207	Ţ. <b>A</b> Ţ			7117167	ivisi)		57.21
	man and state.	k, kalani	in A. Carl	4F.4	ng.	A.A.	A.G.	A.S.H.S.
	7 (500	ára.	TW	7,7	er	7.5	-5(6)	100
KCCS-LLC / This Not Company	0.00	5.00	0.00	0.600	6.06	0.00	5.60	6.05
Loving Series Of The 1986	0.000	9.00	16.	460	9.00	40	0.50	250
Common English English	TO CANA	11.77077	(1,71,140)	546.00	0.00	(a)(0)	00	(OF ASSESS
				T.		3.3		
	11.445	i di ri	463.05	77,241	- Was	1216245	d tro	
CANCELLA COLOT (COLOT ) CONCIL				in in the second second		. j <b>f</b>	· [ - • ]	
Comment (Fallencia (April Company)	0.00	ġ rō	î.c	cao	jté	H.V	ŢĒ.	<b>C.</b> (2)
Space (Gerter Miss) complete	10.190	1.16		260		(11)	0.00	87904 7E
		1.0	<b>3.</b>	9.2.0	0.00	SLC2	0.00	<b>\$22</b>
Annual (Labor) Mark of Harris (Parl)		25626	15.004.13	2 (30)	640	505	3.00	16.500.55
Vocan Maleraia Company		0.0	6.00	0.000	0.00	(ALC)	4.00	0.30
Ment Cristian Desertion and	9 (30)				2017.	473		6.69
	1,014.494	23,664,68	158,611.79	49.107	20,231.04	(701.75)	4.00	214,034,02
	134	138	'IJC	130	TOPE .	135	116	12H

p13. 1) The Chertying (Non-Apricational) Pool's approval of the assessment package was made without provided to its legal claims pursuant to its Paragraph 31 Motion. 2) A dispute has already between Aque Capital Management and California Steel Adjustics concerning allocation of the right attributed to Aque Capital Management in this Assessment Package.

#### NON-AGRICULTURAL POOL WATER PRODUCTION SUMMARY **PRODUCTION YEAR 2010-2011**



#### Assessment Year 2011-2012 (Production Year 2010-2011)

### Pool 2 Water Production Summary

	Carryover Bagineing Batance	Prior Year Adjust- ments	2% Etoraga Lósa	Assigned Share of Operating Safe Yaski (AF)	Verter Transperson Activity	Annual Production Riges	Actual Fincal Year Production	Ret Over Production	Unider Fotal Under Produced	Production (kg Carryover Next Year Begin (kg)	arces To Local Slorage Account
		15.3	14.7	948/	JE 19.		11.5		191 2.10	97.838	1,5,5
	0.000	1/1/1/V	16.00	(J.L)(L)	77.6799	101.45	34.441	78.4.3.4	3.4(4.6)	id W	(# <u>1</u> /)
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	6,140		VE.	11.0		A.A.	3.3.3	6. <b>3</b> .6			
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	a pro-	0.50	1603	e je je	d(x,t)	1000000	35.00		0.000	12077	
KZC LLC: The Kull Company	0.000	2,518	2.009	::: 0140		5.000	£.035	136	206	202	8.536
(4.5, (1.5, (2.5, (3.5, (4.5,	9,600		Viere	e e e e e e e e e e e e e e e e e e e	11-10	######################################		######################################			0.00
Transcript Hondy	2 277 457	250	(40.5%)	2.327.657	(212763)	4.375.277	1,508,717	0.000	3.607.563	2 127 207	679 FS3
Activities (Section	5.4.4	5.503	(0.616)	1.000	(2.160)	1.761	5-052	3.5%	1,741		0.741
Slavy Antonic Winney	200	mora.	osis	0.01002	#0.T/7.7	0.000	11.444	11.443		diki:	1310
n Part Commande (21 p.) Comp. (4. p.) (2)		. 8.8			(18.247)	1.0	100.000		10.775	1411	122
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Wer Vertica Date op in 1			, E . ; F		1.7	1.00	7.77	mmmmu (''' y		77.77	
	0.934-203	0.000	(130,643)	7,360,343	(725.034)	13,410,007	3,514,400	49.143	3,545,503	4,958.542	2,587,647
	144	145	146	140	14E	14F	140	1441	144	14,3	14K

p14. 11. Omains Cry Nort-Ag permanently transferred at (27. Mile AF) of SCE's saw years

2). The Overlying (Nort-Agricultural) Poofs approved of the assessment package was made without prejudice to its legal claims pursuant to its Paragraph 31 Motion.

3). A dispose has arriver between Agua Capital Management and Capitating Coeff Industries concerning affocution of the right attributed to Agua Capital Management and Capitating Capital Management and Capit

#### NON-AGRICULTURAL POOL STORAGE ACCOUNT SUMMARY **PRODUCTION YEAR 2010-2011**



Assessment Year 2011-2012 (Production Year 2010-2011)

### **Pool 2 Storage Account Summary**

1	Local Storage Account						
	Carryover Beginning Balance	2% Storage Loss	Transfers To / (From)	Ending Balance			
Ameron Inc	2,093,910	(41.878)	58 362	2,110,394			
Angelica Textile Service	0.000	0.000	0.000	0.000			
Aqua Capital Management	10,709,741	(214.194)	813.554	11,309.101			
Auto Club Speedway	2.346.627	(46.932)	431,146	2.730.841			
California Steel Industries Inc	2,975,838	(59.516)	0.000	2.916.322			
CCG Ontario, Llc	0.000	0.000	0.000	0.000			
General Electric Company	0.000	0.000	0.000	0.000			
GenOn West, LP	6,863.115	(137.262)	511.921	7,237.774			
Kaiser Ventures Inc	0.000	0.000	0.000	0.000			
KCO, LLC / The Koll Company	0.000	0.000	0.000	0.000			
Loving Savior Of The Hills	0.000	0.000	0.000	0.000			
Ontario City Non-Ag	14,580.932	(293.618)	679.753	15.067.067			
Praxair Inc.	4,463,250	(89.265)	0.781	4,374.775			
San Antonio Winery	0.000	0.000	0.000	0.000			
San Bernardino Cty (Chino Airport)	173.194	(3.463)	0.000	109.731			
Southern California Edison Company	200.067	(4.001)	0.000	196.066			
Space Center Mira Loma Inc.	0.000	0.000	0.000	0.000			
Sunkist Growers Inc	0.000	0.000	0.000	0.000			
Swan Lake Mobile Home Park	3,219.363	(64.387)	70.739	3,225,715			
Vulcan Materials Company	5.608	(0.112)	0.000	5.496			
West Venture Development	0.000	0.000	0.000	0.000			
	47,731.654	(954.628)	2,566.256	49,343.282			
	15A	158	15C	15D			

p15: 1) Aqua Capital transferred 21.215 AF of water to Watermaster during the previous FY toward replenishment obligations. Although the transfer was displayed on Page 7A. the water was not withdrawn from their account. To correct that, 21.215°0.98×20.791 AF has been withdrawn from their storage account this year.

<sup>2)</sup> Ontario City Non-Ag purchased 72:347 AF of SCE's stored water.

<sup>3)</sup> The Overlying (Non-Agricultural) Pool's approval of the assessment package was made without prejudice to its legal claims pursuant to its Paragraph 31 Motion.

4) A dispute has arisen between Agua Capital Management and California Steel Industries concerning allocation of the right attributed to Agua Capital Management in this

#### HISTORIC ASSESSMENTS PER ACRE-FOOT OF PRODUCTION

	Agricultural	Non-Ag	Appropriative	Gross Replenishment
Assessment	Pool 1	Pool	Pool <sup>2</sup>	Water Rate
Year	(\$/AF)	(\$/AF)	(\$/AF)	(\$/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

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

Appendix Y

<sup>&</sup>lt;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 2010-2011

\$51,217 7,993,307 172.817	**Actual \$111,000	Budget	Budget	Budget	Proposed
7,993,307	\$111.000				
		\$148,410	\$148,410	\$148,410	\$0
172 817	7,115,654	7,185,411	7,185,411	6,153,067	-1,032,344
112,011	225,016	155,427	155,427	205,003	49,576
123,949	20,844	191,540	191,540	175,010	-16,530
1,028	0	0	0	0	0
8,342,318	7,472,514	7,680,788	7,680,788	6,681,490	-999,298
493 409	244 694	487 838	487 838	464 944	-22,894
,	,				696
					-6,000
					-6,000
				,	-1,300
					-23,000
					845
					-1,000
				,	-1,000
					-4,640
					-3,500
					4,392
				,	6,780 0
-, -	,	-,		,	3,641
					23,033
,	,			,	4,989
				-	0
					101
781,386	422,649	872,374	872,374	847,517	-24,857
4 705 505	055.040	4 000 074	4 500 000	4 407 704	204 207
	,		, ,		-201,637
					0
,				,	-5,792
1,940,126	729,815	1,557,819	1,727,328	1,350,390	-207,429
100 441	40.004	107.047	107.047	104 210	-2,828
					10,500
,				,	-11,366
					-30,674
					-39,632
					0
,					265,561
					-73,322
					-712
					-461,538
					-23,892
,			-,	,	-30
	,				-9,547
					38,700
					-3,654
1,261,894	567,042	1,131,233	1,131,233	700,964	-430,269
309,220	159,735	339,782	339,782	345,473	5,691
					-767,012
7,704,723	3,640,218	7,680,788	7,680,788	6,681,490	-999,298
637,595	3,832,296	0	0	0	0
		<del></del>	<del></del>		
54,889	13,504	0	0	0	0
6,427,596	4,887,365	0	0	0	0
10,047	9,478	0	0	0	0
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2,326,075	1,019,746	ŏ	Ŏ	Ŏ	0
		0	0	0	0
					0
					\$0
	1,028 8,342,318  493,409 94,093 44,822 70,332 142,730 69,660 15,713 10,053 1,091 36,287 24,133 17,033 41,232 375 20,294 167,194 5,117 0 -472,182 781,386  1,765,585 10,000 164,541 1,940,126  108,441 55,732 183,368 378,889 4,812 0 396,028 600,571 0 1,263,711 80,713 241,019 70,454 28,359 0 1,261,894 309,220 4,983,211 7,704,723 637,595  54,889 6,427,596 10,047 0 0 6,492,532 2,326,075	1,028	1,028	1,028	1,028

Appendix Z



### Chino Basin Watermaster

Annual Financial Report

For the Fiscal Years Ended June 30, 2011 and 2010

Appendix AA-1

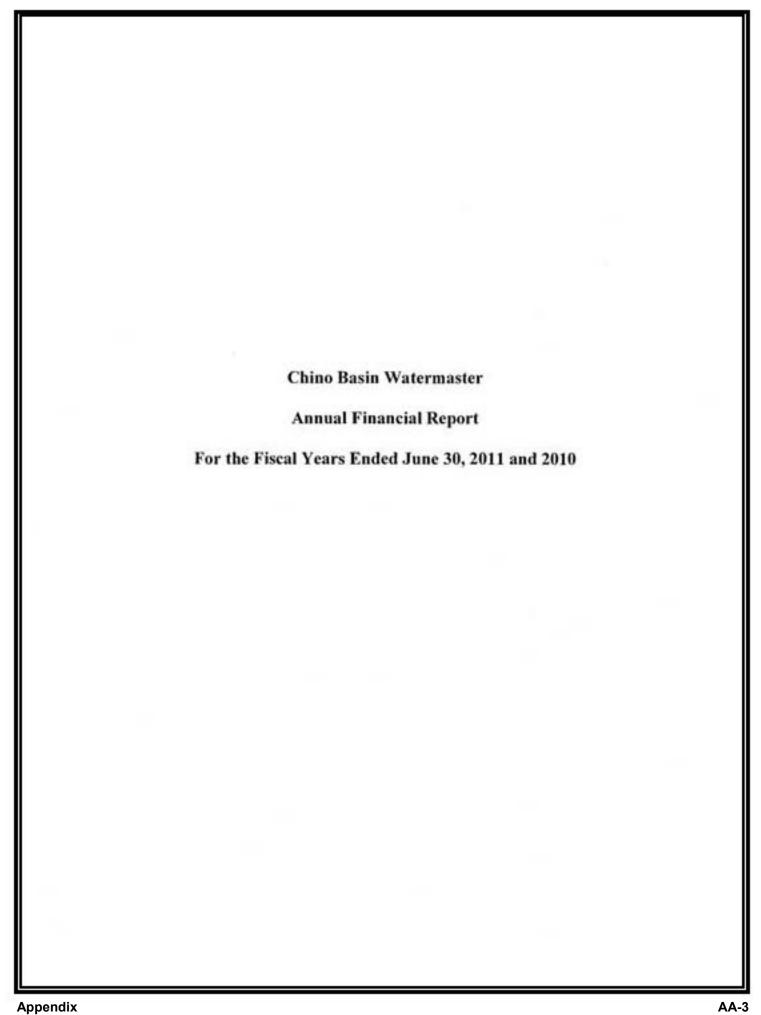
## **Our Mission Statement**

"The Chino Basin Watermaster is a consensus-based organization facilitating development and utilization of the Chino groundwater basin"

Name	Title	Current Term Ending or Ongoing		
Kenneth Willis	Chairman	December 2011		
Bob G. Kuhn	Vice-Chair	Ongoing		
Tom Haughey	Secretary/Treasurer	December 2011		
Robert Bowcock	Member	Ongoing		
Geoffrey Vanden Heuvel	Member	Ongoing		
Paul Hofer	Member	Ongoing		
Charles D. Field	Member	Ongoing		
Paula Lantz	Member	Ongoing		
Steve Elie	Member	Ongoing		

Chino Basin Watermaster Ken Jeske, Interim CEO 9641 San Bernardino Road Rancho Cucamonga, California 91730 (909) 484-3888 – www.cbwm.org

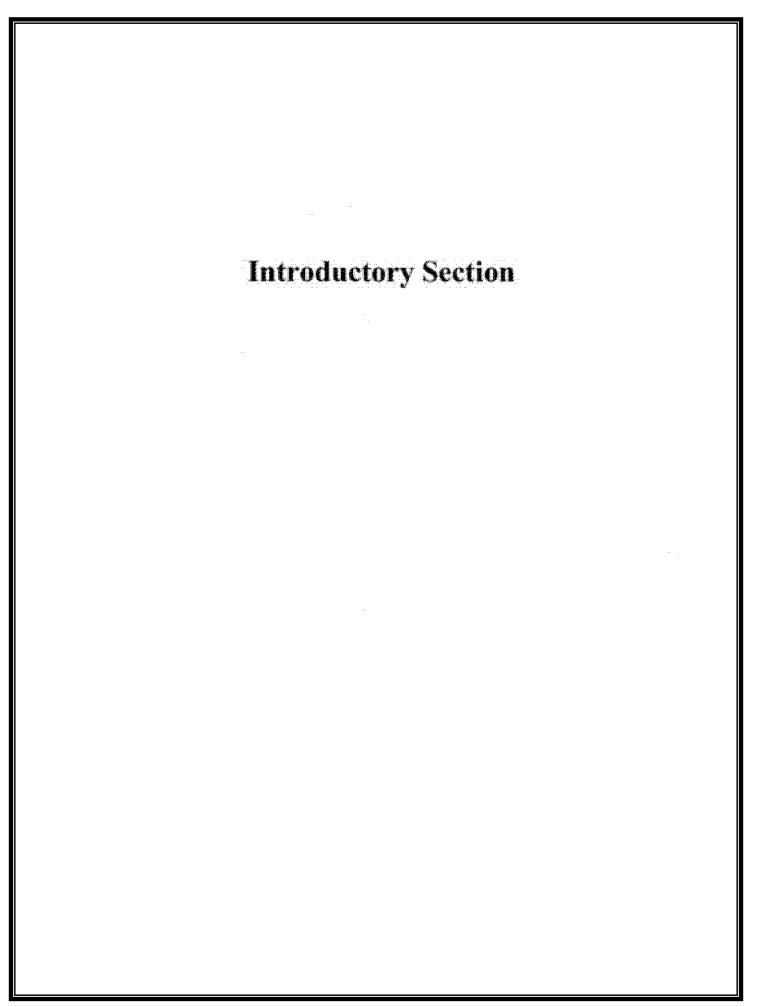
Appendix AA-2



# Chino Basin Watermaster Annual Financial Report For the Fiscal Years Ended June 30, 2011 and 2010

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Combining Schedule of Revenue, Expenses, and Changes in Net Assets for the Fiscal Year Ended June 30, 2011 Combining Schedule of Revenue, Expenses, and Changes in Net Assets for the Fiscal Year Ended June 30, 2010	24 25
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January 26, 2012

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, 2011 and 2010, following guidelines set forth by the Governmental Accounting Standards Board. Watermaster staff prepared this financial report. 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. 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. Wiener 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, provides 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, special districts, other public or private entities and utilities. The three Pools act together to form the "Advisory Committee".

The Chief Executive Officer administers the day-to-day operations of the Watermaster in accordance with policies and procedures established by the Board of Directors. The Watermaster employs nine regular and one part-time employee. 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. RCV 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 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.

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 significant economic growth and also recession within the region. The economic octlook for the Southern California region is one of cautious growth due to the prolonged real estate correction, the financial crisis that may impact customers, suppliers, and the ongoing California State budget challenges which are projected to continue in the future.

#### 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 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 Watermaster's 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 objective of the Investment Policy is 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, Optimal 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 Charles Z. Fedak & Company, CPAs has conducted the audit of the Watermaster's financial statements. Their unqualified 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

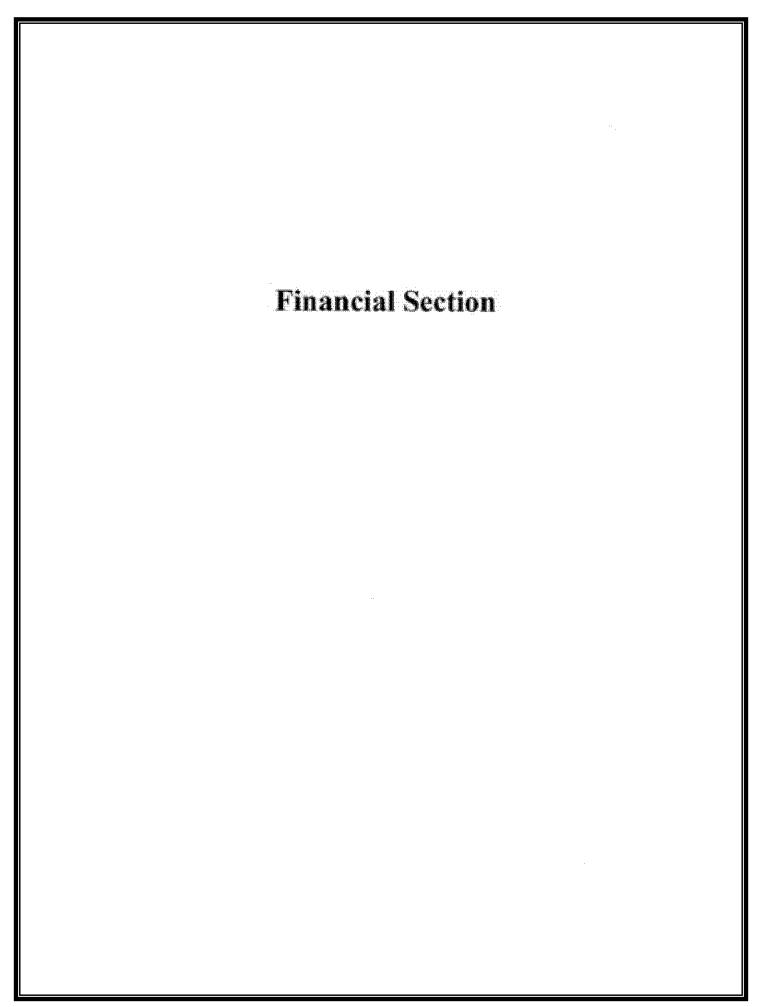
Preparation of this report was accomplished by the combined efforts of Watermaster staff. We appreciate the dedicated efforts and professionalism that these staff members contribute to the Watermaster. We would also like to thank the members of the Board of Directors for their continued support in planning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

Respectfully submitted,

Ken Jeske

Interim CEO

Joseph S. Joswiak Chief Financial Officer





### Charles Z. Fedak & Company

Certified Public Accountants An Accountancy Corporation 6081 Orange Avenue Cypress, California 90630 (714) 527-1818 (562) 598-6565 FAX (714) 527-8154 EMAIL człoo@czfcpa.com WEB www.czfcpa.com

#### Independent Auditor's Report

Board of Directors Chino Basin Watermaster Rancho Cucamonga, California

We have audited the accompanying financial statements of the Chino Basin Watermaster (Watermaster) as of and for the year ended June 30, 2011, which collectively comprise the Watermaster's basic financial statements as listed in the table of contents. These basic financial statements are the responsibility of the Watermaster's management. Our responsibility is to express an opinion on these financial statements based on our audit. The comparative financial information as of June 30, 2010 was audited by other auditors whose report dated October 11, 2010, expressed an unqualified opinion on those financial statements.

We conducted our audit 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; and the State Controller's Minimum Audit Requirements for California Special Districts. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the Chino Basin Watermaster as of June 30, 2011, and the respective changes in net assets and cash flows for the year then ended in conformity with accounting principles generally accepted in the United States of America.

In accordance with Government Auditing Standards, we have also issued a report dated January 26, 2012, on our consideration of the Authority's internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, 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 the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards and should be read in conjunction with this report in considering the results of our audits. That report can be found on page 26.

Accounting principals generally accepted in the United States of America require that the management's discussion and analysis on pages 6 through 9 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.

#### Independent Auditor's Report, continued

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 audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Our audits were conducted for the purpose of ferming opinions on the financial statements that collectively comprise the Watermaster's basic financial statements as a whole. The introductory section and the supplemental information on pages 24 through 25 are presented for purposes of additional analysis and are not required parts of the basic financial statements. The supplemental information is the responsibility of management and was derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audits 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 information is fairly stated in all material respects in relation to the basic financial statements taken as a whole. The introductory section has not been subjected to the auditing procedures applied in the audits of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on them.

Chic 7 Tell: Company cois- An Accountagey Company

Charles Z. Fedak and Company, CPAs - An Accountancy Corporation Cypress, California January 26, 2012

# Chino Basin Watermaster Management's Discussion and Analysis For the Fiscal Years Ended June 30, 2011 and 2010

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, 2011 and 2010. The two year presentation is provided for comparative purposes. We encourage readers to consider the information presented here in conjunction with the transmittal letter in the Introductory Section and with the basic financial statements and related notes, which follow this section.

#### Financial Highlights

- The Watermaster's net assets decreased 7.11% or \$602,977 to \$7,875,388 in fiscal year 2011 as
  the result of operations. In 2010, the Watermaster's net assets decreased 22.90% or \$2,517,601 to
  \$8,478,365 as the result of operations.
  - The Watermaster's operating revenues increased 11.29% or \$1,647,301 in 2011 primarily due to
    a 35.95% or \$2,543,323 increase in replenishment water revenues that was offset by a 12.10% or
    \$895,834 decrease in administrative assessments. In 2010, the Watermaster's operating revenues
    decreased 0.5% or \$65,988 to \$14,588,996.
  - The Watermaster's operating expenses decreased 1.59% or \$272,346 in 2011 primarily due to a
    22.63% decrease in optimum basin management plan costs that was offset by a 11.09% increase
    in groundwater replenishment costs. In 2010, the Watermaster's operating expenses increased
    71.4% or \$7,144,738 to \$17,156,007 due to increased groundwater replenishment costs.

#### Required Financial Statements

This around report consists of a series of financial statements. The Statement of Net Assets, Statement of Revenues, Expenses, and Changes in Net Assets and Statement 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 Statement of Net Assets includes all of the Watermaster's investments in resources (assets) and the obligations to creditors (liabilities). 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 necounted for in the Statement of Revenues, Expenses, and Changes in Net Assets. 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 Statement of Net Assets and the Statement of Revenues, Expenses and Changes in Net Assets report information about the Watermaster in a way that helps answer this question.

# Chino Basin Watermaster Management's Discussion and Analysis For the Fiscal Years Ended June 30, 2011 and 2010

#### Financial Analysis of the Watermaster, continued

These statements include all assets and liabilities 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 assets and changes in them. You can think of the Watermaster's net assets – the difference between assets and liabilities – as one way to measure the Watermaster's financial health, or financial position. Over time, increases or decreases in the Watermaster's net assets are 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.

#### 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 13 through 23.

#### Statement of Net Assets

#### Condensed Statements of Net Assets

		2011	2010	Change	Percentage Change
Assets: Current assets Capital assets, net	s	11,075,096 26,190	10,614,785 46,889	460,311 (20,699)	4,34% -44,14%
Total assets	5	11,101,286	10,661,674	439,612	4.12%
Liabilities: Current liabilities Non-current liabilities	s	3,135,273 90,625	2,057,049 126,260	1,078,224 (35,635)	52.42% -28.22%
Total liabilities	-	3,225,898	2,183,309	1,042,589	47,75%
Net assets: Invested in capital assets Unrestricted Total net assets		26,190 7,849,198 7,875,388	46,889 8,431,476 8,478,365	(20,699) (582,278) (602,977)	-44.14% -6.91% -7.11%
Total liabilities and net assets	s	11,101,286	10,661,674	439,612	4.12%

As noted earlier, net assets may serve over time as a useful indicator of a government's financial position. In the case of the Watermaster, assets of the Watermaster exceeded liabilities by \$7,875,388 and \$8,478,365 as of June 30, 2011 and 2010, respectively.

The Watermaster's investment in capital assets is comprised of capital assets (net of accumulated depreciation) less any related debt 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.

# Chino Basin Watermaster Management's Discussion and Analysis For the Fiscal Years Ended June 30, 2011 and 2010

#### Statement of Net Assets, continued

At the end of fiscal years 2011 and 2010, the Watermaster showed a positive balance in its unrestricted net assets of \$7,849,198 and \$8,431,476, respectively, which may be utilized in future years. See note 7 for further discussion.

#### Statement of Revenues, Expenses and Changes in Net Assets

#### Condensed Statements of Revenues, Espenses and Changes in Net Assets

	3011	2010	Change	Parcentage Charge
Operations:				
Operating revenues Operating expenses	10,234,297 10,347,661	14,588,990 17,136,007	(213,345)	1 1 7 7 7 4 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1 5 1
Net less from operations	(447,364)	(2,567,011);	1,919,647	·?4.7854
Depreciation	20,639	20, (6.1	(8,404)	
Operating loss	(661,1163)	(2.596,114)	1,928,951	-74.279h
Non-operating	•			
Its erest constitutes	65,986	7 <b>%</b> 515	(13, 47)	. 47,10%
Total non-operating revenues	65 J186		(13,427)	-17.10%
Change in net meets	(162.977)	(2.517.491)	1,914,624	-74:42 <b>5</b> 7%
Net assets, beginning of year	8,478,765	10.995,366	(2,517,601)	-22.900 <sub>4</sub>
Net assets, end of year	7.87.5,388	24454	(6/25/77)	ridia.

The statement of revenues, expenses and changes of net assets shows how the Watermaster's net assets changed during the fiscal years. In the case of the Watermaster, net assets decreased by \$602,977 and \$2,517,601 for the fiscal years ended June 30, 2011 and 2010, respectively.

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

The Watermaster's operating revenues increased 11.29% or \$1,647,301 in 2011 primarily due to a 35.95% or \$2,543,323 increase in replenishment water revenues that was offset by a 12.10% or \$895,834 decrease in administrative assessments.

In 2010, the Watermaster's operating revenues decreased 0.5% or \$65,988 to \$14,588,996 primarily due to a 9.9% or \$636,162 increase in replenishment water revenues and a 100.0% or \$111,188 increase in miscellaneous revenue that was offset by a 9.3% or \$762,121 decrease in administrative assessments and a 100.0% or \$51,217 decrease in mutual agency project revenue.

The Watermaster's operating expenses decreased 1.59% or \$272,346 in 2011 primarily due to a 22.63% decrease in Optimum Basin Management Plan costs that was offset by a 11.09% increase in groundwater replenishment costs.

In 2010, the Watermaster's operating expenses increased 71.4% or \$7,144,738 to \$17,156,007 due to increased Groundwater replenishment costs.

## Chino Basin Watermaster

## Management's Discussion and Analysis For the Fiscal Years Ended June 30, 2011 and 2010

### Capital Asset Administration

At the end of fiscal year 2011 and 2010, the Watermaster's investment in capital assets amounted to 526,190 and 546,889 (net of accumulated depreciation), respectively. This investment in capital assets includes leasehold improvements, office equipment, and vehicles. There were no major capital assets additions during the year ended June 30, 2011.

Changes in capital assets in 2011 were at follows:

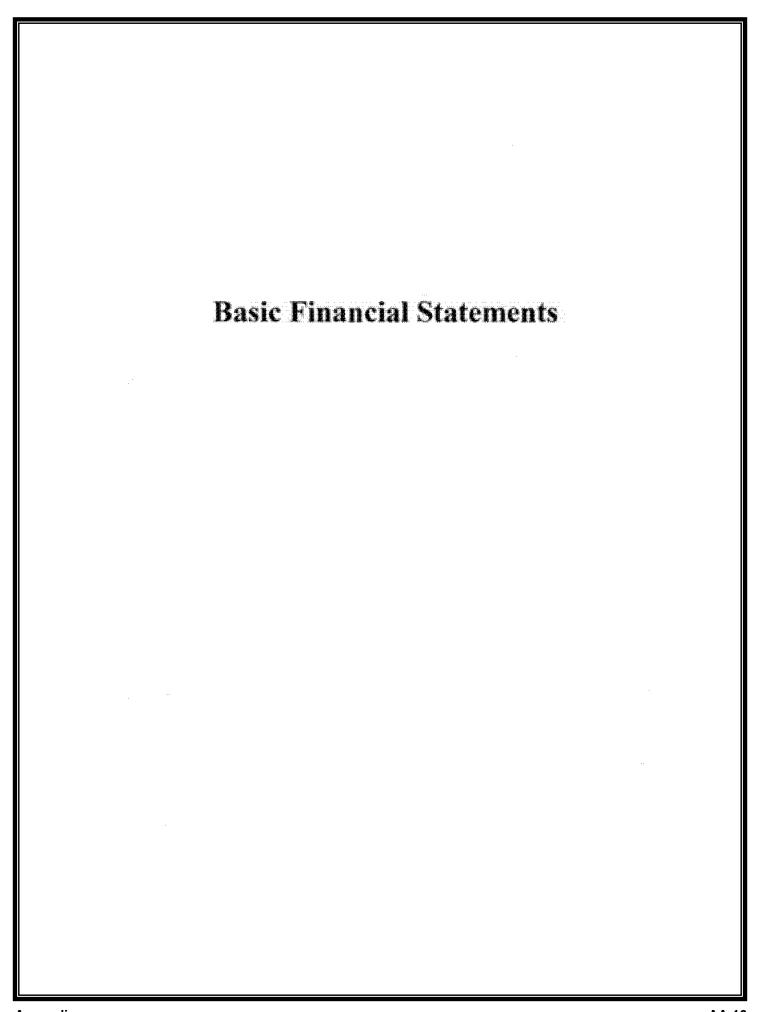
	Balance 2010	Additions	Disposals/ Transfers	Ealance 2011
Carnal assets				
Depreciable assets		· 14	ileje-	273,806
Accumulated depreciation	(226,919)	(20, (89)	:86.	(247,618)
Total capital assets	46,389	(M,694)	w.	36,190
Changes in capital assets in 2010 were as	follows: Ralance			
			Disposals/	Ralance
	200	Additions	Disposals/ Tenns lère	Balance 2010
Capital assets.		Additions		
Capital assets Depreciable assets		Additions 22,816		
		A4Mitians 22,816 (29,103)		

### **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 funding sources, customers, stakeholders and other interested parties with an overview of the 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 at 9641 San Bernardino Road, Rancho Cucamonga, CA 91730.



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## Chino Basin Watermaster Statement of Net Assets June 30, 2011 and 2010

Assets		2011	2010
Current assets; Cash and cash equivalents (note 2) Accrued interest receivable Accounts receivable Prepaid expenses	s	7,187,623 14,729 3,750,628 122,116	10,578,034 20,658 800 15,293
Total current assets		11,075,096	10,614,785
Non-current: Capital assets, net (note 3)		26,190	46,889
Total non-current assets		26,190	46,889
Total assets	5	11,101,286	10,661,674
Liabilities			
Current Liabilities  Accounts payable and accrued expenses  Accrued salaries and benefits  Long-term liabilities – due within one year:  Compensated absences (note 4)	s	3,064,607 21,868 48,798	1,970,273 18,790 67,986
Total current liabilities		3,135,273	2,057,049
Non-current liabilities: Long-term liabilities – due in more than one year: Compensated absences (note 4)		90,625	126,260
Total non-current liabilities		90,625	126,260
Total liabilities		3,225,898	2,183,309
Net assets: (note 6) Investment in capital assets, net of related debt Unrestricted		26,190 7,849,198	46,889 8,431,476
Total net assets		7,875,388	8,478,365
Total liabilities and net assets	s.	11,101,286	10,661,674

See accompanying notes to the basic financial statements

## Chino Basin Watermaster Statement of Revenues, Expenses, and Changes in Net Assets For the Fiscal Years Ended June 30, 2011 and 2010

	-	2011	2010
Operating revenues: Administrative assessments Replenishment water revenue Other revenue	s	6,508,169 9,617,128 111,000	7,404,003 7,073,805 111,188
Total operating revenue	12	16,236,297	14,588,996
Operating expenses: Groundwater replenishment and other water purchases Optimum basin management plan Watermaster administration Pool, advisory, and board administration		10,991,245 4,895,469 544,784 452,163	9,894,321 6,327,400 657,236 277,050
Total operating expense	_	16,883,661	17,156,007
Operating loss before depreciation Depreciation expense		(647,364) (20,699)	(2,567,011) (29,103)
Operating loss	-	(668,063)	(2,596,114)
Non-operating revenues: Interest earnings		65,086	78,513
Total non-operating revenues	-	65,086	78,513
Change in net assets		(602,977)	(2,517,601)
Net assets at beginning of year		8,478,365	10,995,966
Net assets at end of year	S	7,875,388	8,478,365

See accompanying notes to the basic financial statements

## Chino Basin Watermaster Statement of Cash Flows For the Fiscal Years Ended June 30, 2011 and 2019

		2011	2019
Cash flows from operating activities:  Cash received from stakeholders  Cash paid to employees for salaries and wages  Cash paid to vendors and suppliers for materials and services	\$	12,486,469 (892,464) (15,655,431)	14,765,511 (900,275) (14,708,441)
Net cash used in operating activities		(3,461,426)	(843,205)
Cash flows from capital financing activities: Acquisition of capital assets	v	·····	[72.816]
Net cash used in capital financing activities		gér"	(22,816)
Cash flows from investing activities: Interest earnings received		71.015	78,313
Net cash provided by investing activities		71.015	78,513
Net decrease in cash		(3,390,411)	(787,508)
Cash and eash equivalent at the beginning of year		10,578,034	11,365,542
Cash and cash equivalent at the end of year	\$	3,180,023	10.588,034
Reconciliation of operating loss to not eash used in operating activities:	ido.	ek barbanan bel urban.	n saaraa ahanan jiroo .
Operating loss	\$	(6.8,663)	(2,55%, 114)
Adjustments to reconcile operating loss to net cash used in operating activities:  Depreciation  Changes in assets and liabilities		20,699	29,1113
(Increase) decrease in assets: Accounts receivable Prepaid expenses		(3,749,828)	176,513 18,170
Increase (decrease) in liabilities: Accounts payable and accrued expense Accrued salaries and benefits Compensated absences		1.094,334 3,078 (34,823)	1,581,185 (61,124) 9,060
Total adjustments		(2,793,363)	1,752,909
Net cash used in operating activities	\$	(3.461.426)	(843,205)
Non-cash investing, capital and financing transactions:			
Change in fair-market value of investments	\$	13,450	. ±.
See accompanying notes to the basic financial statements			***************************************

## (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 Hoard of Directors was initially appointed as "Watermaster". Their term of appointment as Watermaster was for five years, and the Court, by subsequent orders, provides 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 Pools 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 2010-11 expenses are based on the 2009-2010 production volume.

	Fiscal Year 2010			
Production volume	Acre Feet	Pencentage		
Appropriative Pool	78,733	68.763%		
Agricultural Poel	31,235	27.422.3%		
Non-agricultural Pool	3,708	3,41176		
Total production votume	114,496	100.00094		

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 unpumped 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 of 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.

### (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 are presented in conformance with the provisions of Governmental Accounting Standards Board (GASB) Statement No. 34, "Basic Financial Statements — and Management's Discussion and Analysis — for State and Local Governments" (GASB No. 34). This statement established revised financial reporting requirements for state and local governments throughout the United States for the purpose of enhancing the understandability and usefulness of financial reports.

GASB No. 34 and its related GASB pronouncements provide for a revised view of financial information and restructure the format of financial information provided prior to its adoption. A statement of net assets replaces the balance sheet and reports assets, liabilities, and the difference between them as net assets, not equity. A statement of revenues, expenses and changes in net assets replaces both the income statement and the statement of changes in retained earnings and contributed capital, GASB No. 34 also requires that the statement of cash flows be prepared using the direct method. Under the direct method, cash flows from operating activities are presented by major categories.

Under GASB No. 34, enterprise funds, such as the Watermaster, have the option of consistently following or not following pronouncements issued by the Financial Accounting Standards Board (FASB) subsequent to November 30, 1989. The Watermaster has elected not to follow FASB standards issued after that date, unless such standards are specifically adopted by GASB.

#### D. Assets, Liabilities and Net Assets

#### 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 assets during the reporting period. Actual results could differ from those estimates.

### 2. Cash and Cash Equivalents

Substantially all of 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 each equivalents.

## (I) Reporting Entity and Summary of Significant Accounting Policies, continued

#### D. Assets, Liabilities and Net Assets, continued

#### J. Investments

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. Accounts Receivable and Atlowance 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, 2011.

### 5. Prepaid Expenses

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

#### 6. Compensated Absences

The Watermaster's policy is to permit employees to accumulate earned vacation up to a total of 320 hours with amounts exceeding the limit being paid out as part of the employee's regular compensation. Upon termination of employment, employees are paid all unused vacation and forfeit any unused sick time.

#### 7. Water Production Assessments

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

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

Computer equipment and software	:	\$ venty
Office furniture and fextures	- :	Tyeurs
Leasehold improvements		10 years
Automotive equipment		7 years

#### 9. 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.

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

### D. Assets, Liabilities and Net Assets, continued

#### 10. Net Assets

The financial statements utilize a net assets presentation. Net assets are categorized as follows:

- Investment in Capital Assets, net of related debt This component of net assets consists of
  capital assets, net of accumulated depreciation and reduced by any outstanding debt against
  the acquisition, construction or improvement of those assets.
- Restricted Net Assets This component of net assets consists of constraints placed on net
  assets use through external constraints imposed by creditors, grantors, contributors, or laws or
  regulations of other governments or constraints imposed by law through constitutional
  provisions or enabling legislation.
- Unrestricted Net Assets This component of net assets consists of net assets that do not
  meet the definition of restricted or investment in capital assets, net of related debt,

## (2) Cash and Investments

Cash and investments as of June 30, are classified in the Statements of Net Assets as follows:

	.1000	2011	2010
Cash and cash equivalents	#	7,187,623	10.578,034
Total cash and cash equivalents	\$	7.187.623	10,578,034
ash and investments as of June 30, consist of the following:			
	-1996	2011	2010
Cash on hand	Š	500	3(8)
Deposits with financial institutions		141,907	693,604
Investments		7,046,3.16	9,971,930
Total cash and investments	\$ .	7,185,025	10,578,034
s of June 30, the Watermaster's authorized deposits had the fol	ion	ing and others	<del></del>
	- <del>Julija</del>	2011	2014
Deposits held with the California Local Agency Investment I	ů.	237 days	2012 (38)

#### 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.

### (2) Cash and Investments, continued

		Maximum	Maximum
Authorized	Maximum	Percentage	<b>L</b> aveitment
Investment Type	Maturity	Of Portfolio	in One Issuer
U.S. Treasury obligations	5 years	Neme	Mens
Federal agency and bank obligations	5 years	None	News
Certificates-of-deposit (negotiable or placed)	A years	<b>X4.1</b>	100
Commercial paper (prinac)	270 days	1496	10%
Money market mutual funds	N/A	207	Nizat
State and local bonds, notes and warrants	NA	*AMC	None
California Local Agency Investment Fund (LAIF)	MA:	Neme	Nesse

#### 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 cellateral securities that are in the possession of an outside party. The California Government Code and the Watermaster's investment policy does not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits, 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 the public agencies. Of the Watermaster's bank balances, up to \$250,000 at June 30, 2011 and 2010, were federally insured and the remaining balance is collateralized in accordance with the Code; however, the collateralized securities are not held in the Watermaster's name.

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. The Code and the Watermaster's investment policy contains legal and policy requirements that would limit the exposure to custodial credit risk for investments. 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).

## Investment in State Investment Pool

The Watermaster is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by the California Government Code under the oversight of the Treasurer of the State of California. The fair value of the Watermaster's investment in this pool is reported in the accompanying financial statements at amounts based upon the Watermaster'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.

## (2) Cash and Investments, continued

#### 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. Presented below is the minimum rating required by (where applicable) the California Government Code, the Watermaster's investment policy, or debt agreements, and the actual rating as of year-end for each investment type.

## 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 represent 5% or more of total Watermaster's investments at June 30, 2011 and 2010, respectively.

## (3) Capital Assets

Changes to capital assets for 1011 were as follows:

		Halanec 2010	Additions	Disposals/ Fransfers	Balance 2011
Degreesable unser:	'''				
Company squipment	<b>%</b>	317,590		· .#c	117,590
Furniture and fixtures		42.791	. viter 1	. 1982	41.291
Lease hold improvements		23,443	*		2.44
Vehicles and equipment	- ::bee	90,484			90,484
Yotal depreciable assets	بىبۇ	271, M.A.	: 786 · · ·	4	into E-nat period State
Accumulated degreecistism:					
Сопаравие оцинация		(87,620)	(8,4,3)	· 14	(9%,089)
Franciscos and finitares		(47,293)	· · · · · · · · · · · · · · · · · · ·	····	(43,272)
Leachold improvements		(16,413)	(2.344)	- ARE.	(18,757)
Vehicles and equipment	: - Notes	(80,594)	(*) <b>3</b> 86)	Services de constitute de la constitute	90,4800
Total accumulated depreciation:	1,5000	200,010	(20,609)	· '92' .	(247.618)
Foul capital assets, on	\$	46,889			

There were no major capital assets additions during the fiscal year.

Changes in capital assets for 2010 were as follows:

	1944	Balance 2009	Additions	Disposals/ Fransfers	Bálance 2010
Degreeighte assets:			7 273		5.5
Computer equipment	. 5	14, 174	22,816	. * .11	117,500
Furniture and Exemples		42,291	**		42,291
Leasehold improvements		23,443	, ŝ₩ .	. 💖	23,443
Vehicles and equipment	- 1966	90,484	thr :		90,484
Fotal depreciable assets	. 1966	250,992	22,816		273,805
Accemulated depreciation:				• •	
Computer equipment		(74,055)	(13,365)	· ·	(87,520)
Furniture and fixtures		(36,953)	(5,339)	TMT	(42,292)
Leasehold improvements		(14,068)	(2,345)		(16,413)
Vehicles and equipment	444	(72,740)	(7.3.54)		(80,504)
Total accumulated depreciation:		(197,836)	(E), (16)	: :: :: :: :: :: :: :: :: :: :: :: :: :	(226,919)
Total capital assets, ner	188	43 (74 		•	44, 337

Major capital assets additions during the year include apgrades to computer equipment.

### (4) Compensated Absences

The changes to compensated absences balances at June 30, were as follows:

Balance			Ratense		
2010	Additions	Deletions	2011	Current	Long Term
194,246	113,816	(125,4334)	FARES	46.700	90(615
Balance			Balance		
2009		Peletions	2010	Commit	Long Term
5 155,194	Mapping No.	(95.178)	194,246	47,986	126,260

#### (5) Defined Benefit Pension Plan

#### Plan Description

The Agency contributes to the California Public Employees Retirement System (CalPERS), a cost-sharing multi-employer defined benefit pension plan CalPERS provides retirement and disability benefits, annual cost-of-living adjustments, and death benefits to plan members and beneficiaries. CalPERS acts as a common investment and administrative agent for participating public agencies within the State of California. Benefit provisions and all other requirements are established by state statute and the Agency. Copies of CalPERS annual financial report may be obtained form their executive Office; 400 P Street, Sacramento, CA, 95814.

#### Funding Policy

The Watermaster participates in the 2.5% at 55 Risk Pool. Participants are required to contribute 8% of their annual covered salary. The Watermaster makes the contributions required of the employees on their behalf and for their account. Benefit provisions and all other requirements are established by state statute and the Watermaster contract with employee bargaining groups.

Also, the Watermaster is required to contribute the actuarially determined remaining amounts necessary to fund the benefits for its members. The required employer contribution rates are equal to the annual pension costs (APC) percentage of payroll for fiscal years 2011, 2010 and 2009 as noted below. The contribution requirements of the plan members are established by State statute, and the employer contribution rate is established and may be amended by CalPERS. For Fiscal years 2011, 2010 and 2009, the Watermaster's annual contributions for the CalPERS plan were equal to the Agencies required and actual contributions for each fiscal year as follows:

#### Three Year Trend Information:

	Annual	Percentage	Net	<b>APC</b>
Fiscal	Pension	of APC	Pension	Persentage
	Chest (APC)	Contributed	Obligation	of Payroll
2008-2009	176,576	TOOPA	11 ±	11.246%
2009-2010	165,298	Licentia		11.417%
2010-2011	163,231	TOX.4%	· · · ***	14.208%

### (6) Net Assets

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

		2011	2010
Not investment in capital assets:		AX	and the state of t
Capital assets, net		26,190	46, 289
Total net investment in capital assets	- 10000000	<b>43.0</b> 00	46,889
Unrestricted net assets:			
Non-spendable net assets:			
Prepaid expenses and deposits	******	12,116	Ingent.
Total non-spendable net assets		122,116	15,293
Spendable net assets are designated as follows:			
Undesignated net assets reserve		7.77.461.01(3)	8.416.183
Total spendable net assets		7,725,082	8.016,183
Total unrestricted net assets		7,8,433,41,98,	8,431,476
Total net assets	5	vara sus	6,478.265

### (7) Risk Management

The Watermaster is exposed to various risks of loss related to torts, theft of, damage to and destruction of assets; errors and onsissions; 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, 2011:

- 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; \$100,000 Rented To You Limit; \$5,000 Medical Expenses
  Limit (Any One Person).
- Commercial Excess Liability: Limits of Liability are \$10,000 Retained Limit, \$4,000,000 Each
  Occurrence, \$4,000,000 General Aggregate Limit, \$4,000,000 Products/Completed Operations to
  Aggregate.
- Automobile: \$1,000,000 Combined Bodily Injury and Property Damage Single Limit (Each Accident); \$500,000 Uninsured Motorists Single Limit. \$500 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 and Officer Crisis Management: \$5,000 to \$50,000 with liability limits varying by type
  of coverage.
- Workers compensation: \$2,000,000 each accident or each employee by disease.

### (8) Governmental Accounting Standards Board Statements Issued, Not Yet Effective

The Governmental Accounting Standards Board (GASB) has issued several pronouncements prior to June 30, 2011, that have effective dates that may impact future financial presentations.

#### Governmental Accounting Standards Board Statement No. 60

In November 2010, the GASB issued Statement No.60, Accounting and Financial Reporting for Service Concession Arrangements. This standard address how to account for and report service concession arrangements (SCAs), a type of public-private or public-public partnership that state and local governments are increasingly entering into. This statement is effective for financial statements for periods beginning after January 26, 2012. The impact of the implementation of this Statement to the Watermaster's financial statements has not been assessed at this time.

#### Governmental Accounting Standards Board Statement No. 61

In November 2010, the GASB issued Statement No.61, The Financial Reporting Entity, Omnibus. This standard is designed to improve financial reporting for governmental entities by amending the requirements of GASB Statement No. 14, The Financial Reporting Entity, and GASB Statement No. 34, Basic Financial Statement and Management's Discussion and Analysis for State and local Governments. This statement is effective for financial statements for periods beginning after January 26, 2012. The impact of the implementation of this Statement to the Watermaster's financial statements has not been assessed at this time.

#### Governmental Accounting Standards Board Statement No. 63

In June 2011, the GASB issued Statement No. 63, Financial Reporting of Deformed Outflows of Resources, Deformed Inflows of Resources, and Not Position. This standard is designed to improve financial reporting by standardizing the presentation of deferred outflows of resources and deferred inflows of resources into the definitions of the required components of the residual measure and by renaming that measure as net position, rather than net assets. This statement is effective for financial statements for periods beginning after January 26, 2012. The impact of the implementation of this Statement to the Watermaster's financial statements has not been assessed at this time.

### Governmental Accounting Standards Board Statement No. 64

In June 2011, the GASB issued Statement No. 64, Derivative Instruments: Application of Hedge Accounting Termination Provisions—an amendment of GASB Statement No. 53. This standard is designed to improve financial reporting by clarifying the circumstances in which hedge accounting should continue when a swap counterparty, or swap counterparty's credit support provider, is replaced. This statement is effective for financial statements for periods beginning after January 26, 2012. The impact of the implementation of this Statement to the Watermaster's financial statements has not been assessed at this time.

#### (9) Commitments and Contingencies

#### Grant Awards

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

## (9) Commitments and Contingencies, continued

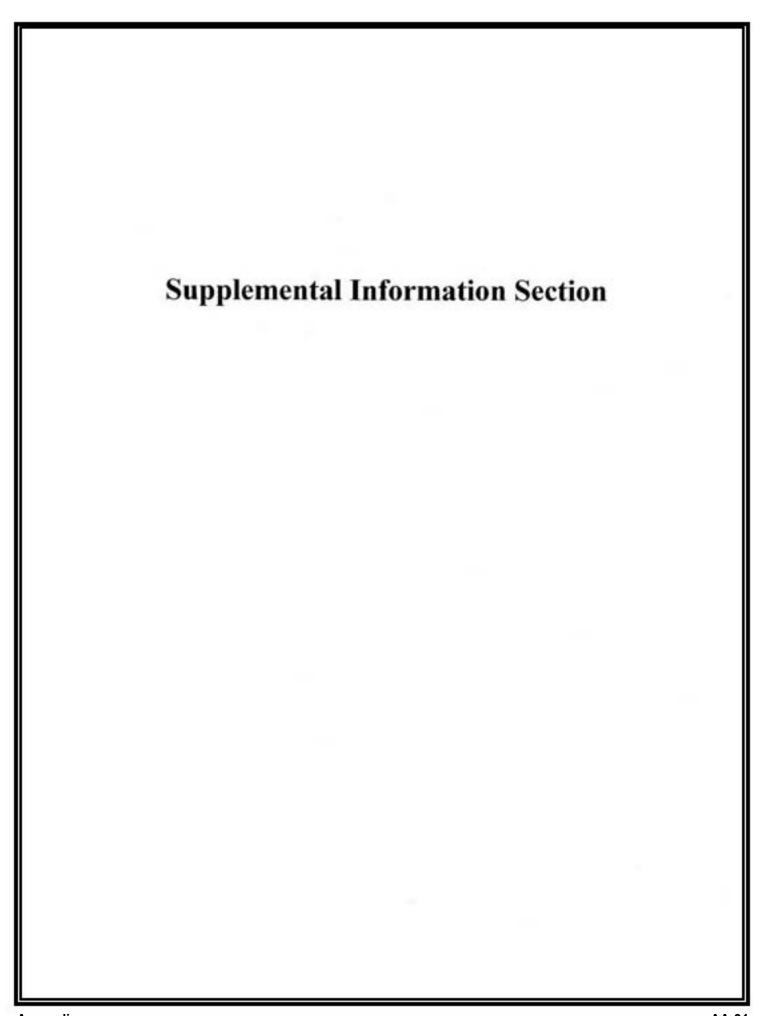
## Litigation

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.

## (10) Subsequent Events

Events occurring after June 30, 2011 have been evaluated for possible adjustment to the financial statements or disclosure as of January 26, 2012, which is the date the financial statements were available to be issued.

Appendix AA-30



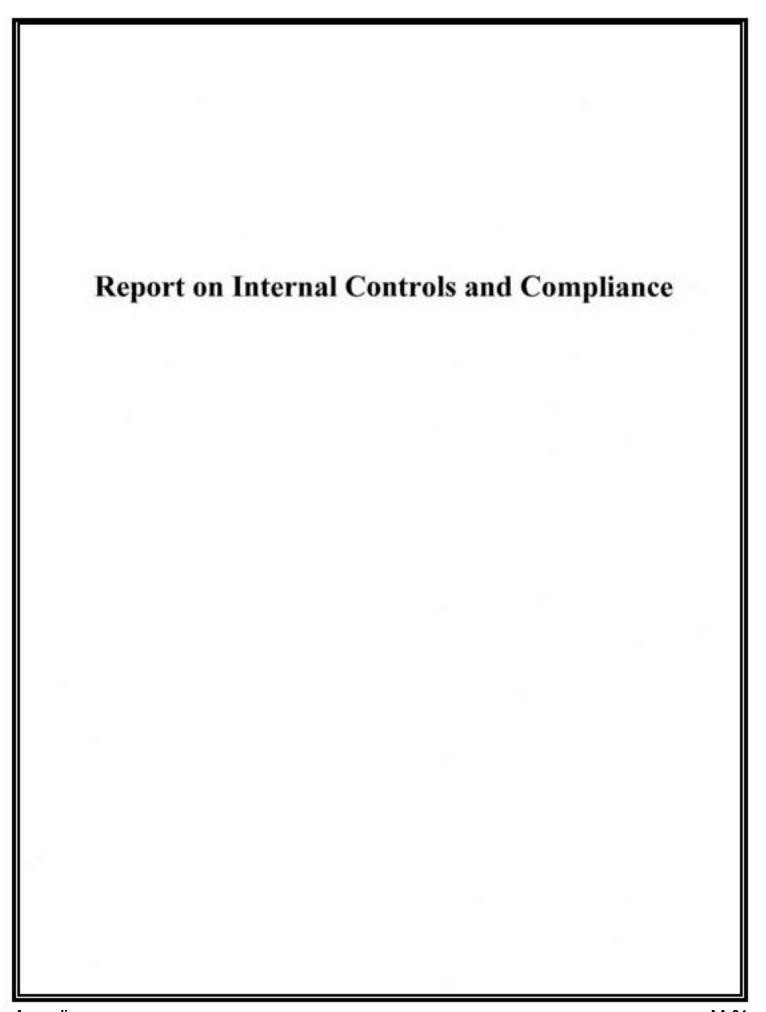
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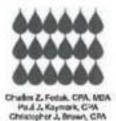
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Appendix AA-34



## Charles Z. Fedak & Company

Certified Public Accountants An Accountancy Corporation 6081 Orange Avenue Cypress, California 90630 (714) 527-1818 (562) 598-6565 FAX (714) 527-9154 EMAIL człoo@człcpa,com WEB www.człcpa,com

**AA-35** 

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 the basic financial statements of the Chino Basin Watermaster (Watermaster) as of and for the year ended June 30, 2011, and have issued our report thereon dated January 26, 2012. We conducted our audit 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.

#### Internal Control Over Financial Reporting

In planning and performing our audit, we considered the Watermaster's internal control over financial reporting as a basis for designing our auditing procedures for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the Watermaster's internal control over financial reporting. Accordingly, we do not express an opinion on the effectiveness of the Watermaster's internal control over financial reporting.

A deficiency in internal control over financial reporting 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.

Our consideration of internal control over financial reporting was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over financial reporting that might be deficiencies, significant deficiencies, or material weaknesses. We did not identify any deficiencies in internal control over financial reporting that we consider to be material weaknesses, as defined above.

#### Compliance and Other Matters

As part of obtaining reasonable assurance about whether the Watermaster's financial statements are free of 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 audit, 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.

This report is intended solely for the information and use of the Board of Directors and management and is not intended to be and should not be used by anyone other than these specified parties.

Clark 7 Fell: Company coas- An Accountancy Company

Charles Z. Fedak and Company, CPAs – An Accountancy Corporation Cypress, California January 26, 2012

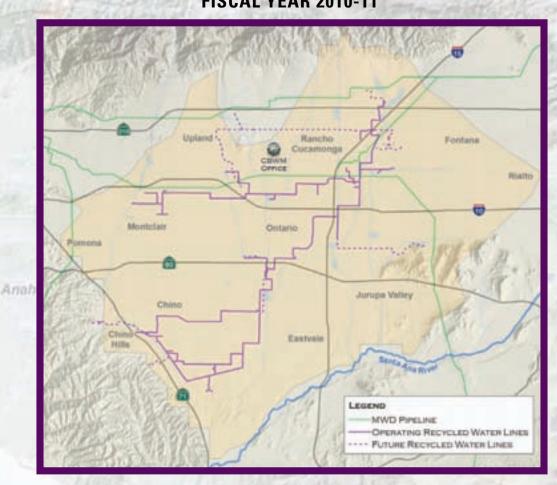
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# THIRTY-FOURTH ANNUAL REPORT FISCAL YEAR 2010-11



CHINO BASIN WATERMASTER ADJUDICATED BOUNDARY