

MOJAVE BASIN AREA WATERMASTER

FOR
CITY OF BARSTOW, ET AL, VS. CITY OF ADELANTO, ET AL,
CASE NO. 208568 - RIVERSIDE COUNTY SUPERIOR COURT

May 1, 2016

**TO: Clerk of the Superior Court
of Riverside County, California**

RE: Watermaster Annual Report for Water Year 2014-15

Pursuant to Judgment After Trial in the case of City of Barstow, et al., vs. City of Adelanto, et al., Case No. 208568 entered January 10, 1996, submitted herewith is the Twenty-second Annual Report of the Mojave Basin Area Watermaster, dated May 1, 2016, setting forth the activities and determinations of the Watermaster for Water Year 2014-15.

Respectfully submitted,

MOJAVE BASIN AREA WATERMASTER

By: *V. Wiegstein*
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Kimberly Cox, Vice Chairman
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Richard D. Hall
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Kirby Brill, Executive Officer

Joanne James, Secretary
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TWENTY-SECOND ANNUAL REPORT

OF THE

MOJAVE BASIN AREA WATERMASTER

WATER YEAR 2014-15

CITY OF BARSTOW, ET AL, VS. CITY OF ADELANTO, ET AL,
CASE NO. 208568 -- RIVERSIDE COUNTY SUPERIOR COURT

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MOJAVE BASIN AREA WATERMASTER
FOR WATER YEAR 2014-15**

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CHAPTER 1

INTRODUCTION

This is the Twenty-second Annual Report of the Mojave Basin Area Watermaster to the Riverside County Superior Court pursuant to the Stipulated Judgment in City of Barstow, et al., vs. City of Adelanto, et al. and related cross-complaints, which were consolidated into Case No. 208568. The Stipulated Judgment addresses water supply shortages in the Mojave Basin Area through the creation of a Physical Solution based upon the allocation of responsibility for correction of annual overdraft and for maintaining historical average annual flows between Subareas.

The Stipulated Judgment requires the Watermaster to file an annual report with the Court by May 1 of each year. The required contents of the annual report are set forth in Section V (B), Paragraph 24 (k) of the Judgment.

Scope of Report

This Report summarizes most of the information required by the Stipulated Judgment and includes a summary of the Watermaster activities and water supply conditions for Water Year 2014-15. Appendix L to this report consists of a detailed accounting of surface water and groundwater production for Water Year 2014-15. Also included in Appendix L is a list of Base Annual Production (“BAP”) transfers and changes in ownership. Following is a list of the specific items required by the Judgment and where they may be found in the Report.

- a. Fiscal Report: Chapter 6
- b. Review of Watermaster Activities: Chapter 2
- c. Replacement and Makeup Obligations: Chapter 4 and Appendix B
- d. Hydrologic Data: Chapter 3
- e. Purchase of Supplemental Water: Chapter 6
- f. Recharge with Supplemental Water: Chapter 4
- g. Notice List: Appendix J
- h. Rules and Regulations Adopted: Chapter 2
- i. Proposed Administrative Budget for 2016-17: Chapter 6
- j. Transfers of Base Annual Production Rights: Appendix E, K & L (Table 8)

- k. Transfers of Free Production Allowance during 2014-15: Appendix E
- l. Proposed Free Production Allowances for Subareas: Chapter 5 and Appendix H
- m. Summary of Water Production: Appendix B and Appendix L (Tables 1-7)
- n. Replacement Water Assessments: Appendix B
- o. Makeup Water Assessments: Appendix B
- p. Proposed Administrative and Biological Assessment Rates for 2016-17: Chapter 6
- q. Projected Replacement and Makeup Water Assessment Rates for 2015-16 and 2016-17: Chapter 6
- r. Status of Subarea Obligations: Chapter 4
- s. Biological Trust Fund Financial Report: Chapter 6
- t. Auditor's Report: Appendix G

History of Litigation

Complaint. The original complaint was filed by the City of Barstow and Southern California Water Company in San Bernardino County Superior Court on May 30, 1990 and was transferred to Riverside County Superior Court on November 27, 1990. The complaint alleged that the cumulative water production upstream of the City of Barstow has overdrafted the Mojave River system and requested an average annual flow of 30,000 acre-feet of surface water to the City of Barstow area. The complaint also included a request for a writ of mandate to require the Mojave Water Agency ("MWA") to act pursuant to its statutory authority to obtain and provide supplemental water for use within the Mojave Basin Area.

MWA Cross-Complaint. On July 26, 1991, the MWA filed its first amended cross-complaint in the case, naming substantially all Producers of water within the Mojave Basin Area, including Parties downstream of the City of Barstow. The MWA cross-complaint requested a declaration that the available native water supply to the Mojave Basin Area is inadequate to meet the demands of the combined Parties and requested a determination of all of the water production of whatever nature within the Mojave Basin Area.

Arc Las Flores Cross-Complaint. On July 3, 1991, Arc Las Flores (Rancho Las Flores Ltd. Partnership) filed a cross-complaint asking that the appropriative, overlying and riparian rights of Arc Las Flores be determined to be prior and paramount to any rights of the Plaintiffs and other appropriators.

Negotiations, Trial and Judgment. Because of the magnitude and complexity of the case, numerous parties agreed to conduct good faith negotiations, beginning in early 1992, with the objective of devising an equitable solution to the Basin Area's water supply problems and avoiding extensive and expensive litigation. In the ensuing months a committee of attorneys, engineers and other individuals that were generally representative of all types of producers and all Subareas of the Basin Area conducted intense negotiations that resulted in a proposed Stipulated Judgment. The proposal created a class of Minimal Producers (that is, Producers using ten acre-feet of water per year or less) who were dismissed from the case. The proposal also directed the MWA to create an administrative procedure, acceptable to the Court, by which Minimal Producers could participate fairly in the Physical Solution.

Over 75 percent of the parties agreed to the Stipulated Judgment which was entered by the Court on September 22, 1993, binding all stipulating parties. After entry of the Stipulated Judgment, additional parties agreed to its terms. These parties represented over 80 percent of the verified water production in the Basin. A trial of the claims of the non-stipulating parties began on February 6, 1995 and was completed on March 21, 1995. Final Judgment was entered on January 10, 1996 adopting the physical solution set forth in the Stipulated Judgment.

Fourth District Court of Appeal and California Supreme Court Review. Nine non-stipulating parties referred to as the "Cardozo Group" chose to appeal the Judgment entered by the Superior Court. The Appellate Court issued a Tentative Opinion in April 1998 and received oral argument from both the stipulating and non-stipulating parties in May 1998. The Appellate Court issued its final opinion on June 1, 1998. The final opinion affirmed in part and reversed in part the Superior Court Judgment by excluding specific non-stipulating parties (the Cardozo Group) from the Superior Court Judgment and at the same time affirming it as to the stipulating parties. The decision also remanded the issue of the amount of transferable production rights for Jess Ranch Water Company back to the Superior Court for a new determination.

The MWA board voted in June 1998 to seek California Supreme Court Review of the Appellate Court's decision. A petition for review was filed with the Supreme Court in July 1998 and the Supreme Court granted review of the case on August 26, 1998. Oral Arguments were heard by the Supreme Court on June 5, 2000 and its opinion was issued on August 21, 2000. The Supreme Court's opinion affirmed in part and reversed in part the June 1, 1998 opinion of the Fourth District Court of Appeal. The Supreme Court affirmed the Court of Appeal's

decision “in all respects,” except it reversed the Court of Appeal decision as to the Jess Ranch Water Company.

The Court of Appeal had affirmed the Judgment as to the stipulating parties but had reversed it as to the Cardozo Appellants and as to Jess Ranch Water Company. The Court of Appeal opinion essentially excluded the Cardozo Appellants from the Stipulated Judgment, including the Judgment’s assessment provisions. Further, the Court of Appeal granted Judgment to the Cardozo Appellants in the form of injunctive relief to protect their riparian and overlying water rights to the current and prospective reasonable and beneficial need for water on their respective properties.

Final Resolution of Cardozo Group and Jess Ranch Water Company Appellants. Effective August 6, 2002 the Cardozo appellants and MWA, on behalf of the stipulating parties, reached agreement regarding the Cardozo appellants’ water rights. Consistent with the ruling from the California Supreme Court in this case, Cardozo Group’s right to pump water from the ground underneath their respective lands for the current and prospective reasonable and beneficial need for water on their respective properties was recognized by the Stipulating parties. Further, to settle all outstanding issues in connection with the Cardozo Group water rights, MWA and Cardozo agreed that “if the parties who stipulated to the Judgment are in full compliance with the Judgment there shall be a rebuttable presumption that the Cardozo Appellants’ water rights are not being interfered with.”

In addition, all remaining water rights issues related to Jess Ranch Water Company and the Stipulating Parties were settled on August 16, 2002. Stipulation for Intervention and Entry of Judgment for Jess Ranch Water Company was filed in Riverside County Superior Court on August 23, 2002.

Summary of the Judgment

For purposes of defining and implementing a physical solution, the Basin is considered to consist of five distinct but hydrologically interrelated “Subareas.” Each Subarea was found to be in overdraft to some extent due to the use of water by all of the producers in that Subarea. In addition, historically some Subareas were found to have received at least a part of their natural water supply from water flowing to them from upstream Subareas either on the surface or as

subsurface flow. To maintain that historical relationship, the average annual obligation of any Subarea to another is set equal to the estimated average annual natural flow (excluding storm flow) between the Subareas over the 60-year period 1930-31 through 1989-90. If the Subarea obligation is not met, Producers of water that does not bear a replacement obligation in the upstream Subarea must provide makeup water.

To maintain proper water balances within each Subarea, the Judgment establishes a decreasing Free Production Allowance (“FPA”) in each Subarea during the first five years and provides for the Court to review and adjust, as appropriate, the FPA for each Subarea annually thereafter. The FPA is allocated among the Producers in the Subarea based on each Producer’s percentage share of the FPA. All water produced in excess of any Producer’s share of the FPA must be replaced by the Producer, normally by payment to the Watermaster of funds sufficient to purchase Replacement Water.

Each Producer’s percentage share of FPA in a Subarea was determined by first verifying the maximum annual production (called BAP) for each Producer during the five year, 1986-90, Base Period and then calculating each Producer’s percentage share of the total of all of such BAP in the Subarea. All such percentage allocations are of equal priority.

Producers in each Subarea are allowed to produce as much water as they need annually to meet their requirements, subject only to compliance with the Physical Solution set forth in the Judgment. An underlying assumption of the Judgment is that sufficient water will be made available to meet the needs of the Basin in the future from a combination of natural supply, imported water, water conservation, water reuse and transfers of FPA among parties.

Special provisions for environmental protection are included in the Judgment, including the creation of a Biological Resources Trust Fund.

MWA was appointed as the initial Watermaster by the Court to administer the Judgment and the Physical Solution set forth therein.

The Physical Solution

Replacement Water: Keeping Subareas in Balance. The amount of water that may be produced in a Subarea in any year by a Producer free of any replacement obligation is that Producer's share of the Subarea's FPA. During the first five years that the Judgment is in effect each Producer's share of the FPA in each of the five Subareas, expressed as a percentage of that Producer's BAP is as follows:

Water Year 1993-94	-	100 %
Water Year 1994-95	-	95 %
Water Year 1995-96	-	90 %
Water Year 1996-97	-	85 %
Water Year 1997-98	-	80 %

Before the end of the fifth year and each year thereafter, the Watermaster must analyze conditions in each Subarea and recommend to the Court any increase or further reduction in FPA. The Judgment specifies factors that must be taken into consideration by the Watermaster in the development of an FPA adjustment recommendation. Beginning with the sixth year and each year thereafter, the FPA established by the Court for each Subarea will be allocated to Producers in the ratio of their respective share of the BAP in the Subarea.

Any Producer who produces in any year an amount of water in excess of that Producer's share of the FPA for a Subarea must pay the Watermaster a Replacement Water Assessment. The Watermaster then assumes responsibility for replacing such excess production. The Replacement Water Assessment for a Producer will be equal to the number of acre-feet of excess production by that Producer multiplied by the Replacement Water Assessment Rate per acre-foot as adopted annually by the Watermaster. It is the Watermaster's responsibility to acquire Replacement Water.

Makeup Water: Meeting Subarea Obligations. Both average and minimum annual flows must be maintained between adjoining Subareas. Each year an accounting will be made of the amount of such flows. Whenever the amount is less than the minimum amount required by the Judgment the Producers in the upstream Subarea must pay the Watermaster for Makeup Water to be delivered to the downstream Subarea.

If the actual flow in a year is more or less than the average Subarea Obligation then the upstream Subarea may receive a “credit” or “debit” that can offset any future deficiencies or surpluses.

The cost of Makeup Water will be recovered from Producers within the Subarea incurring the Makeup Obligation through a Makeup Water Assessment. Such assessment will be pro-rated among all production that does not bear a Replacement Obligation. It is the Watermaster’s responsibility to acquire Makeup Water.

Administrative Assessment: Paying the Cost to Administer the Judgment. Costs of monitoring flows, verifying annual production, collecting assessments, preparing an annual report to the Court and other such costs will be recovered through a uniform Administrative Assessment against all production within the Basin Area. The Administrative Assessment will be payable quarterly when quarterly production reports are filed.

Transfers: Buying, Selling or Leasing BAP or FPA. The Judgment provides a framework for BAP or FPA to be bought, sold or leased within Subareas and between Subareas. For instance, a party who was allocated one percent of the FPA in a Subarea could lease that allocation to a second party in a private transaction. The second party could then produce additional water free of a Replacement Obligation.

The Judgment sets forth some rules governing transfers. The rules are designed to assure that the total consumptive use within a Subarea does not increase as a result of any transfer.

Biological Resource Mitigation: Protecting Species and Habitat. The Judgment contains unique provisions for assuring that the water needs of endangered and other species and of riparian habitat in the Mojave Basin Area are protected. Groundwater level standards are set in several key areas along the River. The Judgment must be administered in certain respects with the intent to meet the standards.

In the event standards are not met, a trust fund is established by the Judgment to provide money to buy water, construct wells or other projects proposed by the California Department of Fish and Wildlife (“DFW”). The trust fund, which is capped initially at \$1,000,000.00 (in 1993 dollars), will be financed by an escalating per acre-foot assessment on production beginning at \$0.50.

Producer Responsibilities: Reporting and Assessments. Each Producer is responsible for reporting accurately the amount of water produced and for paying all applicable assessments promptly. Any transfer of BAP or FPA or change in purpose of use must also be reported.

Subarea Advisory Committees. The Producers in each Subarea have elected a committee to advise the Watermaster on the administration of the Judgment. The California Department of Fish and Wildlife is an ex-officio member of the Subarea Advisory Committees for the Alto and Baja Subareas.

Watermaster: Administering the Judgment for the Court. MWA was appointed the Watermaster initially. MWA or any subsequent appointee can be removed by the Court for failure to administer the Judgment properly and fairly.

The Watermaster is responsible for monitoring flows, verifying water production, reporting to the Court, collecting assessments and conducting studies.

The Watermaster must comply with the Brown Act regarding notices and meetings and with the Public Records Act regarding access to data and records.

CHAPTER 2

SUMMARY OF WATERMASTER ACTIVITIES

During Water Year 2014-15, the Mojave Basin Area Watermaster consisted of Carl Coleman, Kimberly Cox, Richard Hall, Beverly J. Lowry, Mike Page, Doug Shumway and Jim Ventura. Jim Ventura and Beverly J. Lowry served as Chairman and Vice Chairman respectively. Kirby Brill served as Executive Officer, Joanne James as Secretary and Kathy Cortner as Treasurer.

The first Watermaster meeting of the 2014-15 Water Year was held on October 22, 2014 and six additional meetings were held throughout the year. Copies of the minutes of the meetings as well as other official records are maintained and available at the office of the Watermaster, which is located at 13846 Conference Center Drive, Apple Valley, CA 92307.

As required by the Judgment, the Watermaster prepared the Twenty-first Annual Report of the Mojave Basin Area Watermaster for Water Year 2013-14, which was published under the date May 1, 2015.

Watermaster adopted recommendations for FPA for Water Year 2015-16 as indicated in Watermaster's Twenty-first Annual Report to the Court. The Court subsequently adopted Watermaster's recommendation.

Actions taken by the Watermaster during the year included acceptance of the Report on Audit for Fiscal Year 2013-14, approval of the Administrative Budget for Water Year 2015-16, approval of Replacement, Makeup, Administrative and Biological Assessment Rates for Water Year 2015-16. The Administrative Budget and Assessment Rates for 2015-16 were adopted and are summarized on Table 2-1.

Transfers

There were 226 transfers of FPA and Carryover FPA during the year. These transfers are reported in Appendix E. There were 21 transfers of BAP. Transfers of BAP are reported in Appendix E, K & L (Table 8). Any additional transfers of unused 2014-15 FPA that may take place prior to June 1, 2016 will be reported in Appendix E of the Watermaster's Annual Report for 2015-16.

Rules and Regulations

The Rules and Regulations that were adopted by Watermaster June 30, 1994 and revised December 11, 1996, March 23, 2005 and October 29, 2008 remain in effect.

Biological Resources Trust Fund

The Biological Resources Assessment Rate for 2014-15 increased to \$0.85 per acre-foot. Expenditures from the Biological Resources Trust Fund during the year for DFW projects totaled \$118,536. The Biological Resources Assessment Rate for 2015-16 was increased to \$0.87 per acre-foot.

Storage Agreements

A Storage Agreement between MWA and the Watermaster covering each Subarea was approved during the 1994-95 Water Year. Per the terms of the agreement, an extension to September 30, 2016 was approved by Watermaster.

Watermaster entered into a storage agreement with a party to the Judgment on June 1, 2002. Per the terms of the agreement, an extension to May 31, 2017 was approved by Watermaster. The status of storage accounts is reported in Appendix F.

TABLE 2-1

**MOJAVE BASIN AREA WATERMASTER
ADMINISTRATIVE BUDGET AND ASSESSMENT RATES
FOR WATER YEAR 2015-16**

ADMINISTRATIVE BUDGET

1.	Administrative Services	\$ 284,725.00
2.	Engineering Services	\$ 73,500.00
3.	Legal Services	\$ 30,000.00
4.	Audit Services	\$ 7,000.00
Total Estimated Budget		\$ <u>402,225.00</u>

ASSESSMENT RATES

1. Administrative
\$ 3.55/acre-foot of Production
2. Biological
\$ 0.87/acre-foot of Production
3. Replacement and Makeup Water
2014-15 \$484.00 /acre-foot¹
(6/1/16 Invoice Date)
2015-16 “*Not to exceed*” \$531.00 /acre-foot²
(6/1/17 Invoice Date)

^{1.} The rate adopted for Water Year 2014-15 was adopted by the Mojave Water Agency on February 11, 2016 pursuant to Resolution No. 1013-16 in accordance with the changes to the Watermaster Rules and Regulations adopted October 29, 2008.

^{2.} This rate is for obligations incurred in the 2015-16 Water Year which will be billed in June 2017. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency in February 2017.

Subarea Advisory Committees

The Judgment requires that every third year the Subarea Advisory Committees elect new members. Each Subarea Advisory Committee consists of five members elected by the producers, with the California Department of Fish and Wildlife acting as an ex-officio member on the Alto and Baja Committees. Nominations, voting and tabulation of results were conducted by Watermaster during January, February and March 2015.

The Subarea Advisory Committees during the 2014-15 Water Year were made up as follows:

ALTO SUBAREA

Golden State Water Company
Mike Simpson
Helendale Community Services District
Tina Souza
City of Hesperia
Paul Johnson
Steve Ashton*
Victorville Water District, ID#1 & ID#2
California Department of Fish & Game **

BAJA SUBAREA

Andrew Harter
Glen Van Dam
Eric Archibek
Robert Delahoussaye
Calico Lakes Home Owners Association
Ronald Brown
California Department of Fish & Game **

CENTRO SUBAREA

City of Barstow
Golden State Water Company*
Eldert Van Dam
Steve Ashton
Victorville Water District, ID#1 & ID#2
Robert Boytor
Aqua Capital Management LP

ESTE SUBAREA

Chuck Bell*
Golden State Water Company
Scott S. Hert
David Rib
Mitsubishi Cement Corporation
Richard Selby
Jubilee Mutual Water Company

OESTE SUBAREA

Kent T. Christensen
Aerochem, Inc.
Robert Boytor
Aqua Capital Management LP
Don Bartz
Phelan Piñon Hills Community Services
District
--Vacant Seat--
--Vacant Seat--

* Chairperson

** Ex-officio Member

Water Production and Verification

In order to document water usage and to determine each Producer's Replacement Water and Makeup Water Obligations, the Judgment provides for the collection, analysis and verification of annual water production by Producers within each of the five Subareas beginning with Water Year 1993-94. All Producers are required to file quarterly statements (or as otherwise specified in the Rules and Regulations) of production. Verification of production for Water Year 2014-15 was conducted by the Watermaster staff and included verification of all parties to the Judgment. The verified production of all parties for Water Year 2014-15 is assembled and presented in Appendix B and Appendix L (Tables 1-7).

Section 11 of the Rules and Regulations sets forth the criteria for monitoring production. The Watermaster informed Producers of their responsibility to measure production in accordance with the terms of the Judgment and the Rules and Regulations by letter on June 30, 2015. Watermaster will continue its efforts to obtain voluntary compliance with the Rules and Regulations from each Producer.

Streamflow, Precipitation and Other Data

Various data, including streamflow and precipitation data, are needed to estimate the natural water supplies accruing to each Subarea and to calculate compliance with certain Subarea obligations. Streamflow data required by the Watermaster was furnished by the U.S. Geological Survey ("USGS"). The MWA, under a Cooperative Agreement with the USGS, currently funds 50 percent of the stream gage operation and maintenance at the Deep Creek, Lower Narrows, Barstow and Afton stations. The U.S. Army Corps of Engineers ("ACOE") funds the West Fork Mojave River gage. Beginning with the 1993-94 Water Year, the frequency of direct measurements at the Lower Narrows was increased from once to twice monthly in order to improve the record. The measurements were subsequently increased from twice monthly to weekly during the 1995-96 Water Year, a practice which continued through the 2014-15 Water Year.

The USGS conducted a review of its measurement procedures and statistical data analysis procedures for the Lower Narrows gage in 1998 and reported that the "published stream flow records represent the best determinations of flow possible given the primary data collected in support of the stream flow gaging stations". The USGS concluded by saying that it is

confident that its flow measurement and computation techniques will be found adequate and stream flow records validated.

Records of the discharge of reclaimed wastewater to the Mojave River downstream from the Lower Narrows gage were furnished by the Victor Valley Wastewater Reclamation Authority (“VWVRA”) and the City of Victorville, Public Works Department (Victorville). These discharge records are used to determine the contribution of the combined VWVRA and Victorville discharge to the Alto Subarea’s annual flow obligation to the Centro Subarea.

Precipitation data utilized by Watermaster is compiled from records obtained from the National Oceanographic and Atmospheric Administration (“NOAA”) for Victorville and Barstow precipitation stations and for Lake Arrowhead from the San Bernardino County, Department of Public Works precipitation Station #5209 (Asher) for the period of October 1, 2014 through February 20, 2015 and Station #5140 (Lake Arrowhead Fire Station #1) for the period of February 21, 2015 through September 30, 2015.

Related MWA Activities

MWA as a water provider is required by State law to prepare an update to their Urban Water Management Plan (UWMP) every five years. An UWMP is a water supply planning document that evaluates the availability and reliability of existing and projected water supplies against projected water demands. MWA adopted an update to its UWMP in June 2011. The Plan update anticipates population will grow from 437,000 in 2010 to 706,000 in 2035, and projects that current water supplies will be sufficient to meet anticipated demands within MWA’s service area beyond the 25-year planning period through the year 2035. These projections include an evaluation of the need for imported State Water Project supplies to meet obligations pursuant to the Judgment. Water supply information contained within the UWMP also feeds into the MWA Integrated Regional Water Management Plan (IRWMP). The UWMP update began in July 2015 and is expected to be completed in July 2016.

In July 2011, MWA entered into an agreement to amend and extend the 2003 water storage program with the Metropolitan Water District of Southern California (MWDSC). The amended agreement allows up to 390,000 acre-feet of MWDSC entitlement water from the State Water Project (SWP) to be stored in the Mojave Basin. MWDSC has until December 31, 2035 to take return delivery of the water, through exchange of MWA entitlement from the SWP for

delivery to MWDSC. Roughly 60,000 acre-feet was delivered and stored within the Mojave Basin under the amended storage agreement and will be eventually returned via entitlement exchange to MWDSC. MWA has returned 29,000 acre-feet to MWDSC. This program provides a benefit to the region by recharging groundwater basins at a relatively low cost to MWA using SWP water from MWDSC's entitlement, and allowing the water to be returned to MWDSC via MWA's unused SWP entitlement at no cost to MWA.

The Oro Grande Wash Recharge Project will recharge up to 8,000 acre-feet per year to support groundwater pumping in the western part of the Alto Subarea. Construction of the project included connecting to an existing turnout on the California Aqueduct, moss screen and metering facilities at the turnout, and a conveyance pipeline and outlet in the wash. The recharge basins will be constructed by the County of San Bernardino as part of a dual-purpose recharge and flood control detention basin. Design and construction of the recharge/flood control basin began in late 2012 and is expected to be completed by July 2016. MWA is nearing completion on the preliminary design phase for similar dual purpose recharge/flood control basins in Antelope Wash and Bandicoot Wash in the southern Alto region. MWA also initiated geotechnical and geohydrology work in the eastern Alto and Oeste Subareas that will provide better information and data to use in determining the best locations for future off-river recharge basins.

MWA completed a bypass pipeline outlet into the Mojave River at the existing Lenwood Recharge Pond in the Centro Subarea which now allows recharge of imported SWP water directly into the higher percolation area of the river floodplain.

The MWA completed a technical study for the Mojave Basin Area to estimate the groundwater production of minimal producers by using aerial photography, sophisticated land use software and local control groups. The data was used to better understand the amount of minimal producer production and to develop a system to account for future minimal producer water use. The estimate of water use by minimal pumpers as of 2011 is substantially less than the amount estimated at the time of trial in 1995. Consequently, the amount of pumping attributed to minimal producers cannot affect a given Party's Base Annual Production Right relative to the Judgment. MWA will continue to evaluate and update estimated water use by the minimal producers during 2015-16.

The MWA entered into a Memorandum of Understanding with the Mojave Desert Resource Conservation District (MDRCD) for the removal of invasive, non-native plants along

the Mojave River riparian corridor. The invasive plants, primarily tamarisk, displace native riparian plants species, increase the risk for flooding and fire hazard and use disproportionate quantities of groundwater within the Mojave River floodplain aquifer. Over the last five years, about 10,400 acres have been canvassed for invasive plant species along the Mojave River riparian corridor and approximately 1,780 weed acres have been removed and treated. MWA contributed another \$75,000 to the program in 2015-16, which focused on retreatment and monitoring in the previously treated areas. DFW contributed \$118,000 in 2014-15 and another \$36,000 for 2015-16 to the project for removal and retreatment in the Exhibit H areas identified in the Judgment in the Alto and Baja Subareas.

In 2008, the Cash for Grass program was launched by MWA with a goal of helping local communities achieve a state mandated goal of 20 percent water use reduction among residential users by the year 2020. Funded with local money and grants from the Department of Water Resources, the program has surpassed its goals resulting in the removal of more than 9 million square feet of turf. Ten years ago, per capita water use in the region was 250 gallons a day. Today, that figure has dropped to just 150 gallons per person. Since 2000, the Cash for Grass program, combined with other water conservation efforts, has resulted in a reduction in water consumption of more than 30 percent.

CHAPTER 3

WATER SUPPLY CONDITIONS

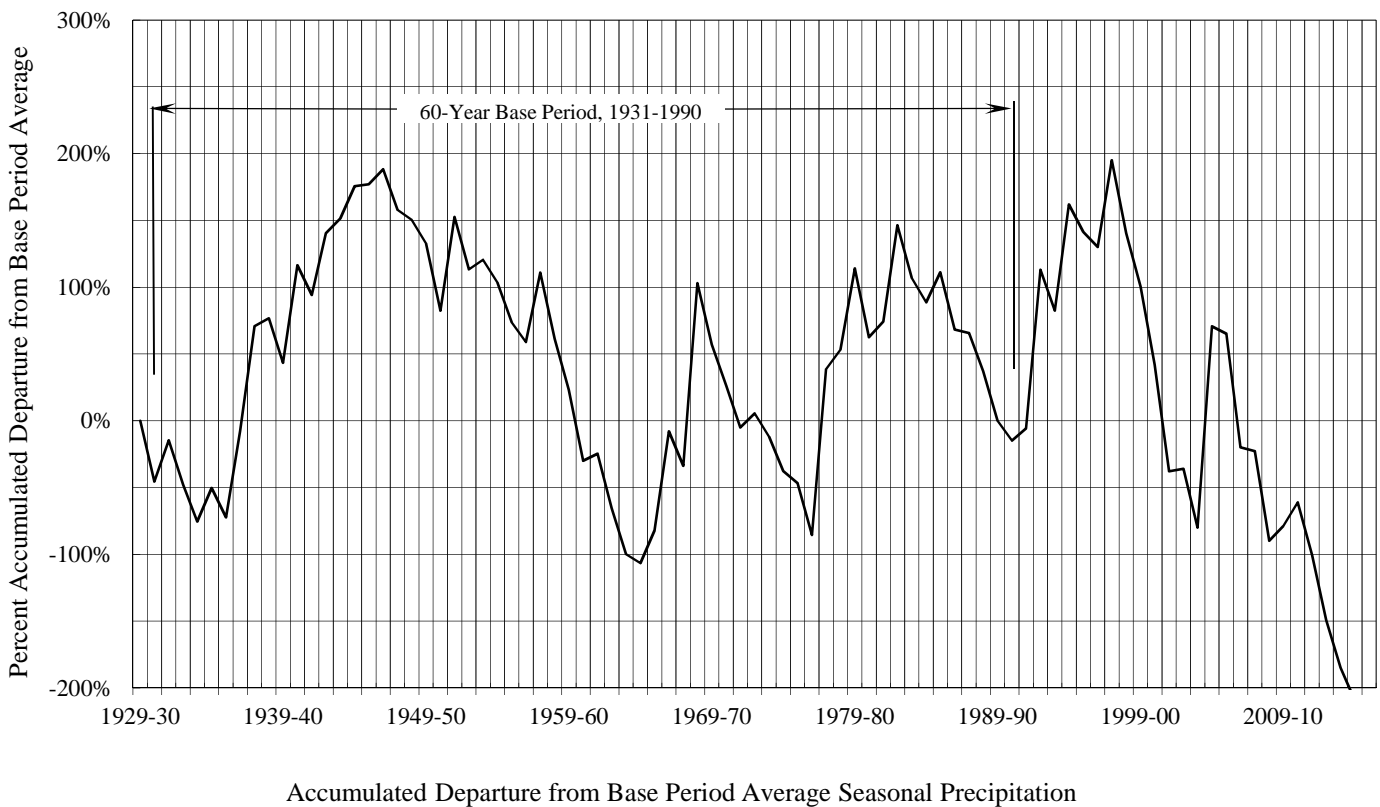
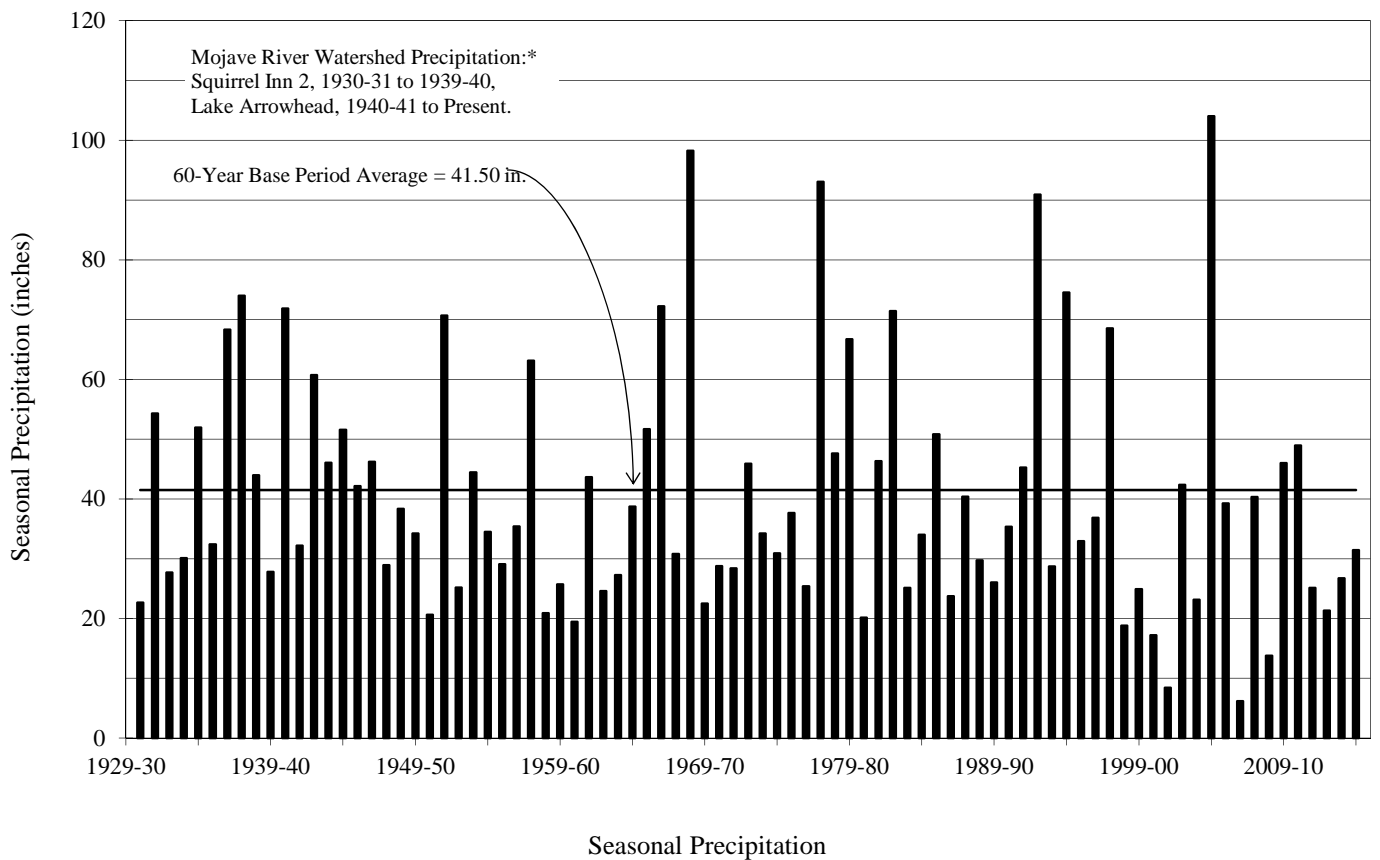
After experiencing below average precipitation during 2013-14, the precipitation in the Mojave River Watershed during 2014-15, as measured at Lake Arrowhead was again below average at about 76 percent of the 60 Year Base Period average. The combined flow of the West Fork Mojave River and Deep Creek during the 2014-15 Water Year was about 14 percent of the 60-Year Base Period average.

Precipitation During 2014-15

Rainfall in the mountain areas is the principal source of natural water supply to the Mojave Basin Area. During the 2014-15 Water Year the precipitation at Lake Arrowhead amounted to 31.4 inches, which is about 76 percent of the Base Period average of 41.5 inches. The maximum monthly rainfall of 12.52 inches occurred in December 2014, with 4.30 inches and 3.75 inches occurring during July 2015 and September 2015, respectively. Figure 3-1 shows the seasonal precipitation from 1930-31 through 2014-15 and the accumulated departure from the 1930-31 through 1989-90 Base Period average. Seasonal rainfall within the Basin Area as measured at Victorville and Barstow totaled 4.85 inches and 5.43 inches, respectively. The amount recorded at Victorville represents approximately 88 percent of the annual average of 5.49 inches and the amount recorded at Barstow represents approximately 119 percent of the annual average of 4.56 inches. Figure 3-2 shows the seasonal precipitation at Victorville and Barstow.

Runoff During 2014-15

Locations of stream flow gages for the Mojave River system are shown on Appendix A. Table 3-1 shows monthly discharge amounts for 2014-15 at these locations.



Precipitation Characteristics, Mojave River Watershed

FIGURE 3-1

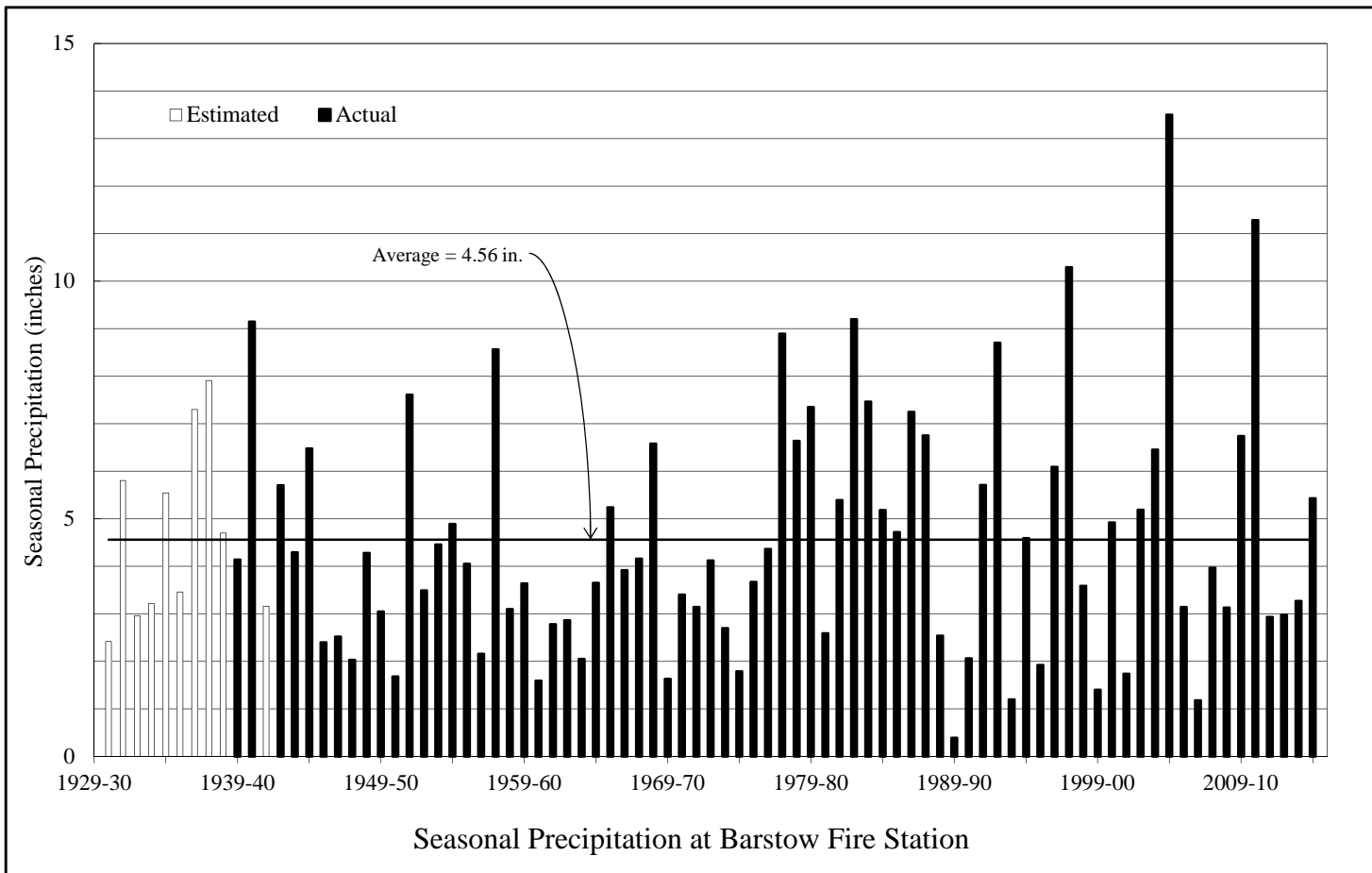
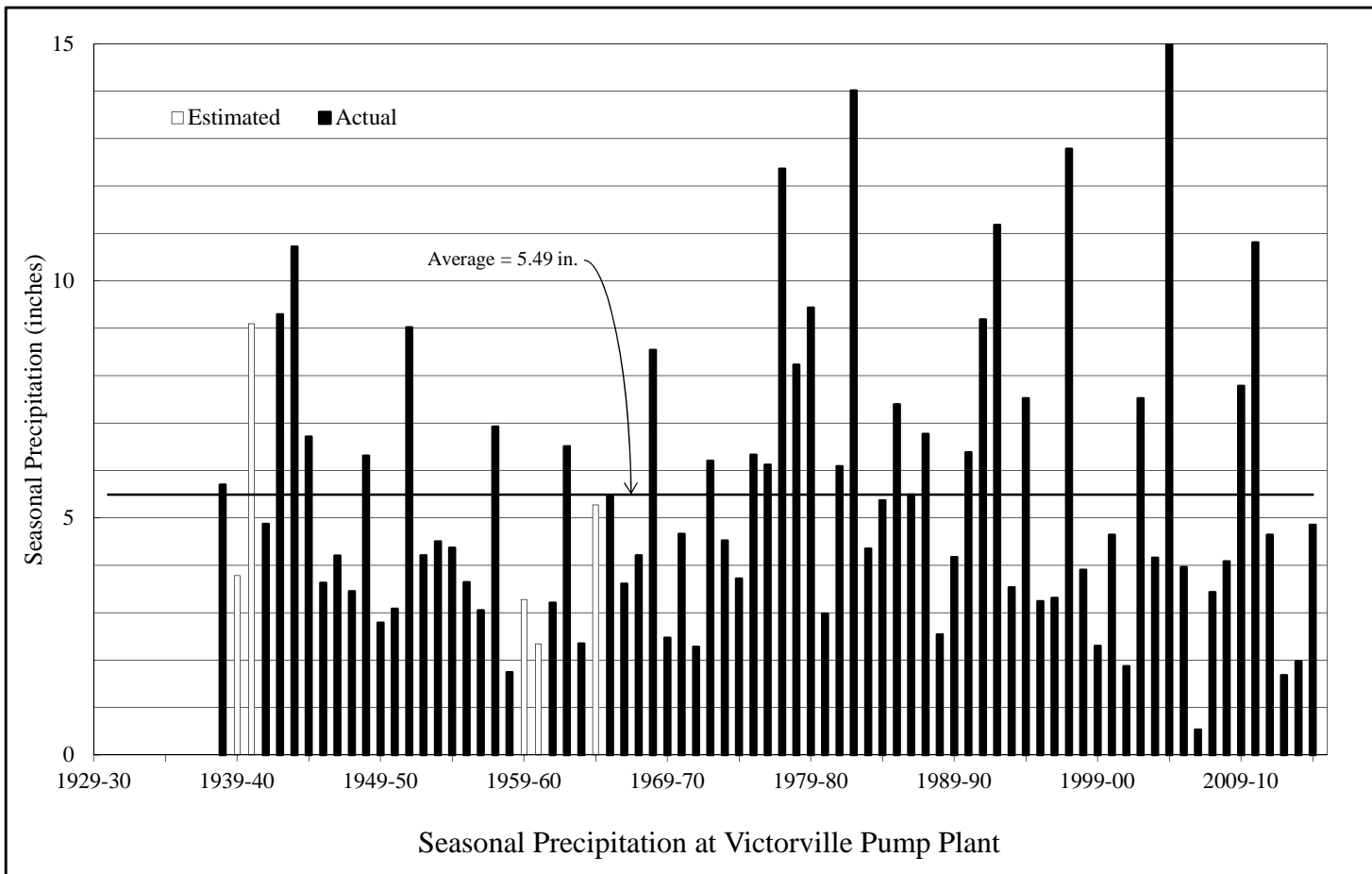


FIGURE 3-2

TABLE 3-1
MONTHLY DISCHARGE AMOUNTS
FOR WATER YEAR 2014-15
(Acre-Feet)

Month	Forks ¹	Lower Narrows ²			Barstow ³	Afton ⁴		
	Measured Discharge	Base Flow	Storm Flow	Total	Measured Discharge	Base Flow	Storm Flow	Total
October	93.80	275	0	275	0.0	0.00	0.0	0.00
November	214.00	540	0	540	0.0	0.28	0.0	0.28
December	2,816.00	835	0	835	0.0	9.50	0.0	9.50
January	1,645.00	913	51	964	0.0	16.40	0.0	16.40
February	1,156.00	813	0	813	0.0	14.70	0.0	14.70
March	1,348.00	654	0	654	0.0	14.50	0.0	14.50
April	536.00	457	0	457	0.0	8.30	0.0	8.30
May	774.00	380	0	380	0.0	6.20	0.0	6.20
June	134.00	177	0	177	0.0	0.73	0.0	0.73
July	166.80	130	77	207	0.0	0.00	295.0	295.00
August	51.07	107	0	107	0.0	0.02	0.0	0.02
September	97.60	137	64	201	0.0	0.00	0.0	0.00
Total (AF)	9,032	5,418	192	5,610	0	71	295	366

1 U.S.G.S. Station No. 10260500 Deep Creek near Hesperia, CA combined with
U.S.G.S. Station No. 10260950 West Fork Mojave River near Hesperia, CA

2 U.S.G.S. Station No. 10261500 Mojave River at Lower Narrows, near Victorville, CA

3 U.S.G.S. Station No. 10262500 Mojave River at Barstow, CA

4 U.S.G.S. Station No. 10263000 Mojave River at Afton, CA

At the Forks

The total surface flow of the Mojave River at the Forks during 2014-15 as measured by the combined discharges of the West Fork Mojave River and Deep Creek was 9,032 acre-feet or about 14 percent of the Base Period average of 65,540 acre-feet. The combined discharges of the West Fork Mojave River and Deep Creek for the period 1930-31 through 2014-15 and the accumulated departure from the Base Period average are shown on Figure 3-3.

At Lower Narrows

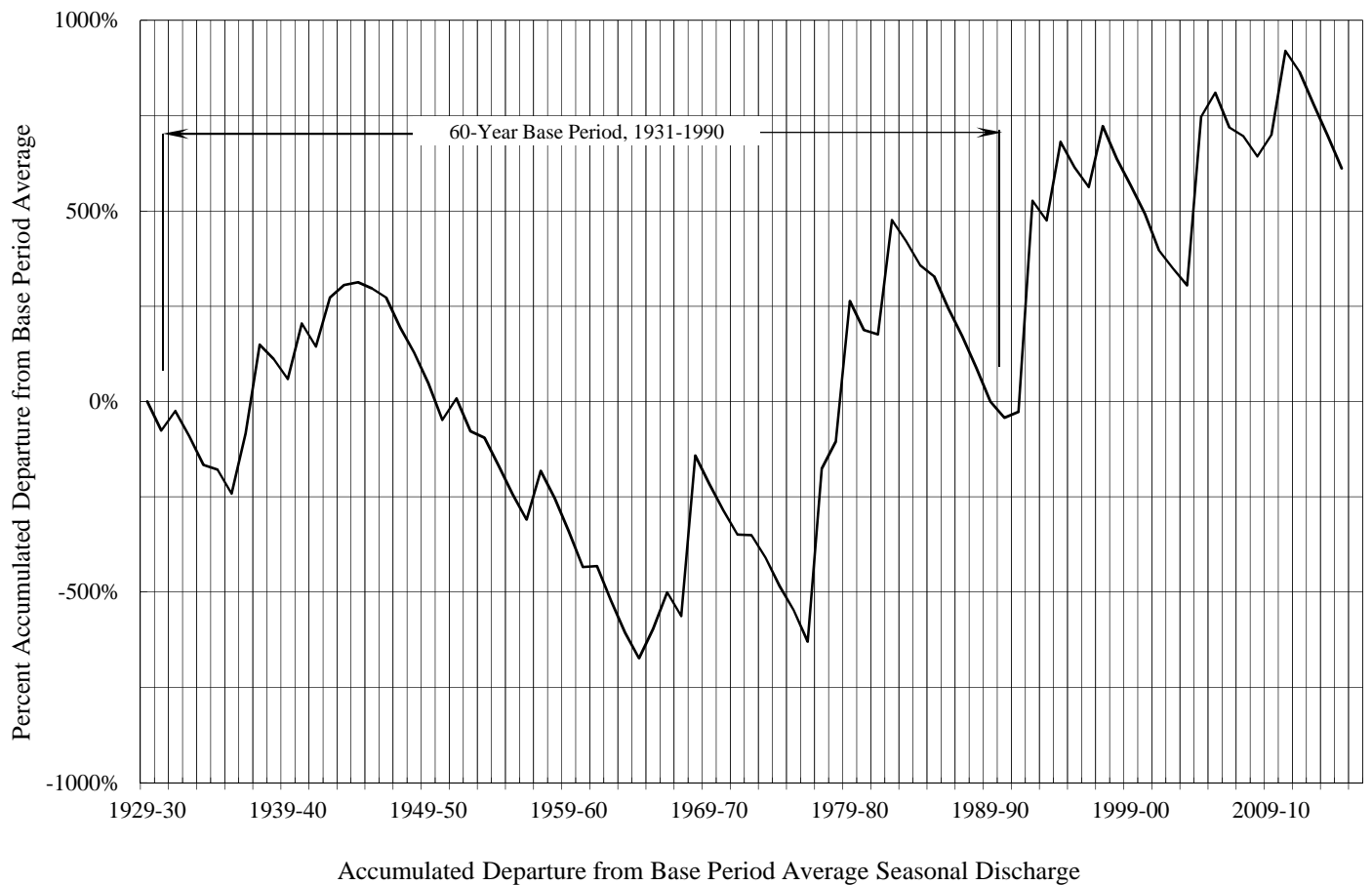
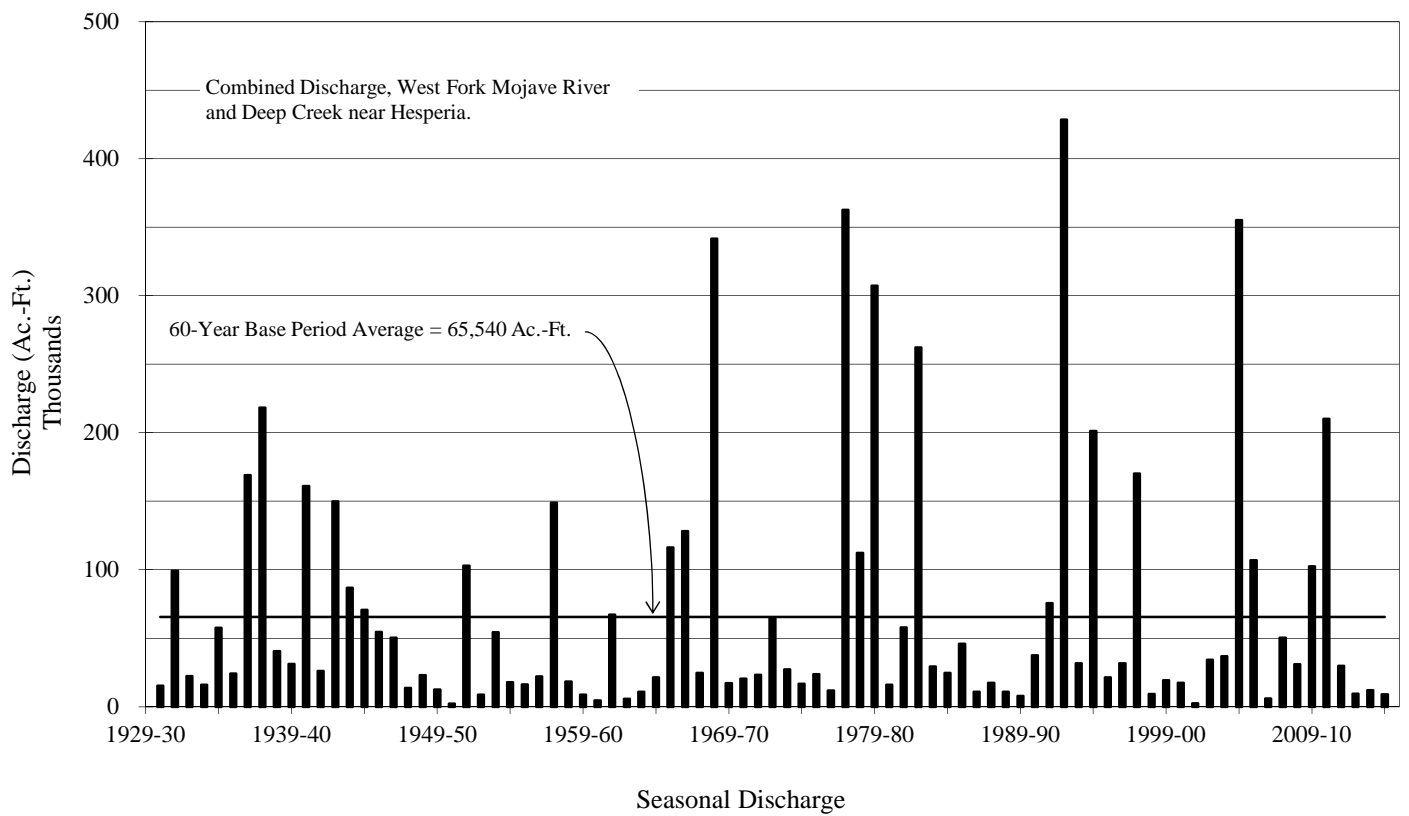
The total surface flow of the Mojave River at the Lower Narrows was 5,610 acre-feet, which is about 11 percent of the 60-Year Base Period average of 51,960 acre-feet. During Water Year 2014-15 the total flow accruing to the Lower Narrows Gage was estimated to consist of 192 acre-feet of storm flow and 5,418 acre-feet of base flow. Figure 3-4 shows the storm and base flow components of the total flow in the Mojave River at the Lower Narrows for the period 1930-31 through 2014-15.

At Barstow

The total surface flow of the Mojave River at Barstow was 0 acre-feet. Figure 3-5 shows the total flow in the Mojave River at Barstow for the period 1930-31 through 2014-15.

At Afton

The total surface flow of the Mojave River at Afton was 366 acre-feet, which is about 4 percent of the Base Period average of 8,247 acre-feet. During 2014-15 the total flow accruing to the Afton Gage was estimated to consist of 295 acre-feet of storm flow and 71 acre-feet of base flow. Figure 3-5 shows the storm and base flow components of the total flow in the Mojave River at Afton for the period 1930-31 through 2014-15.



Discharge Characteristics, Mojave River at the Forks

FIGURE 3-3

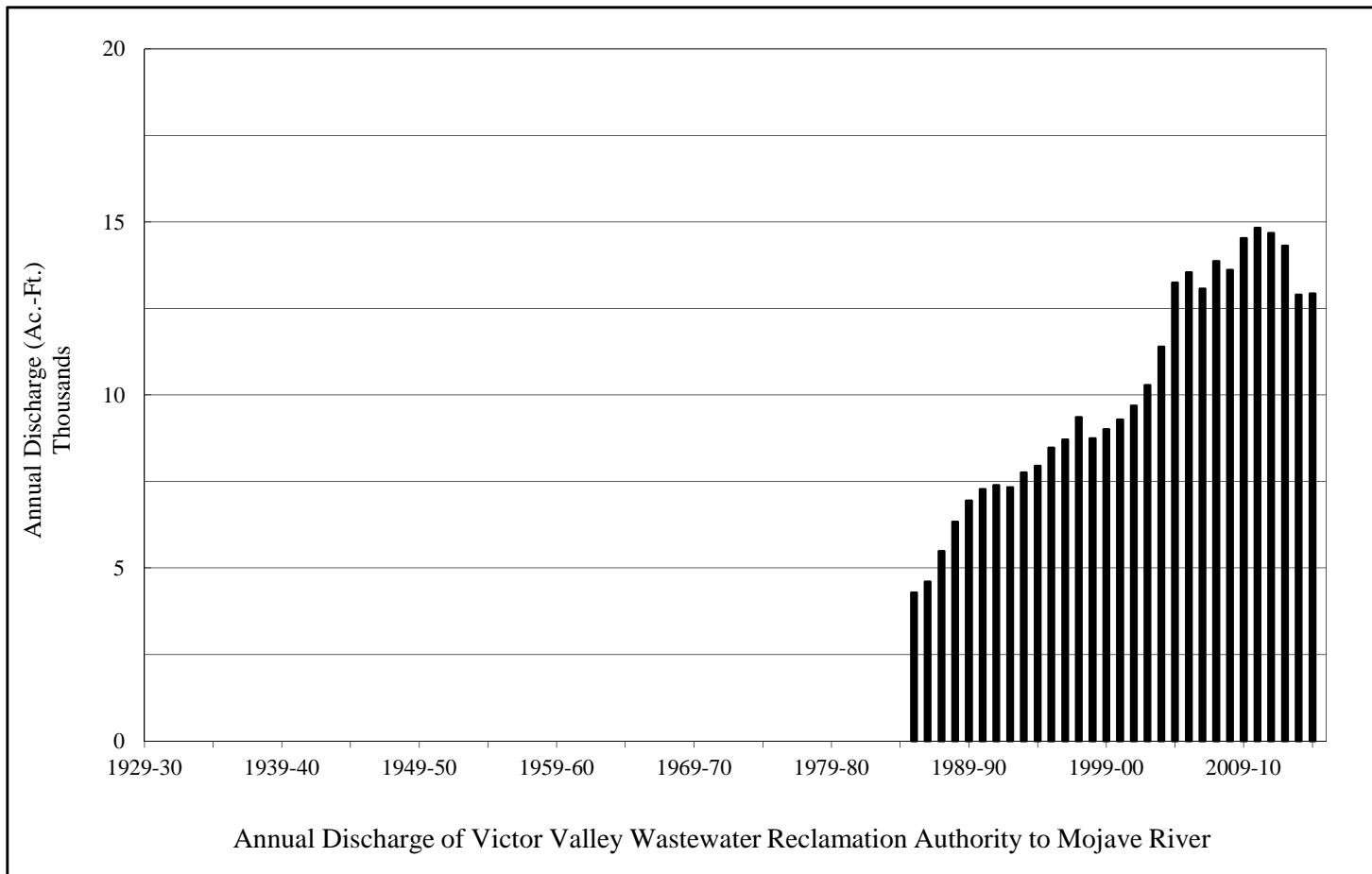
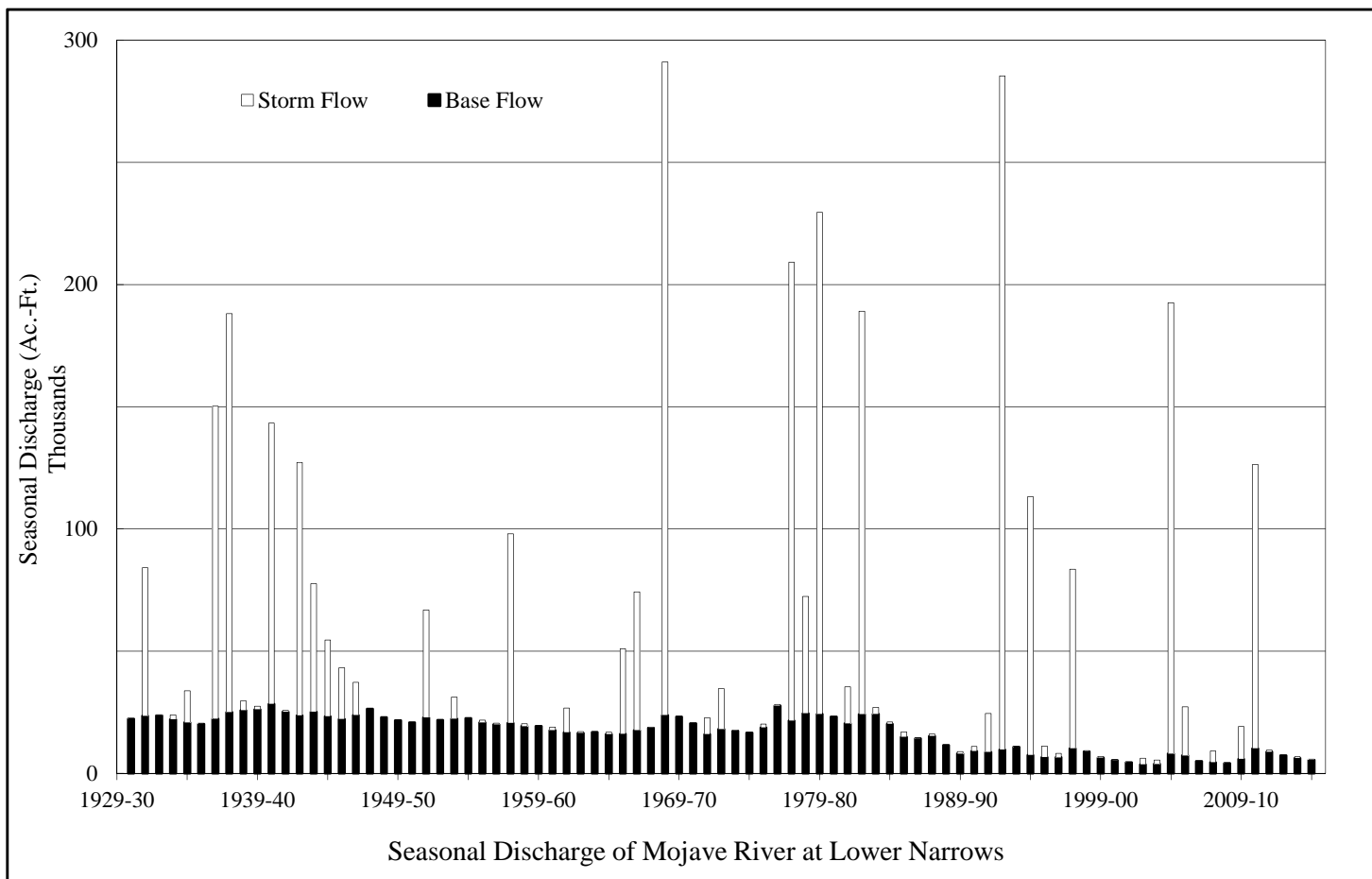


FIGURE 3-4

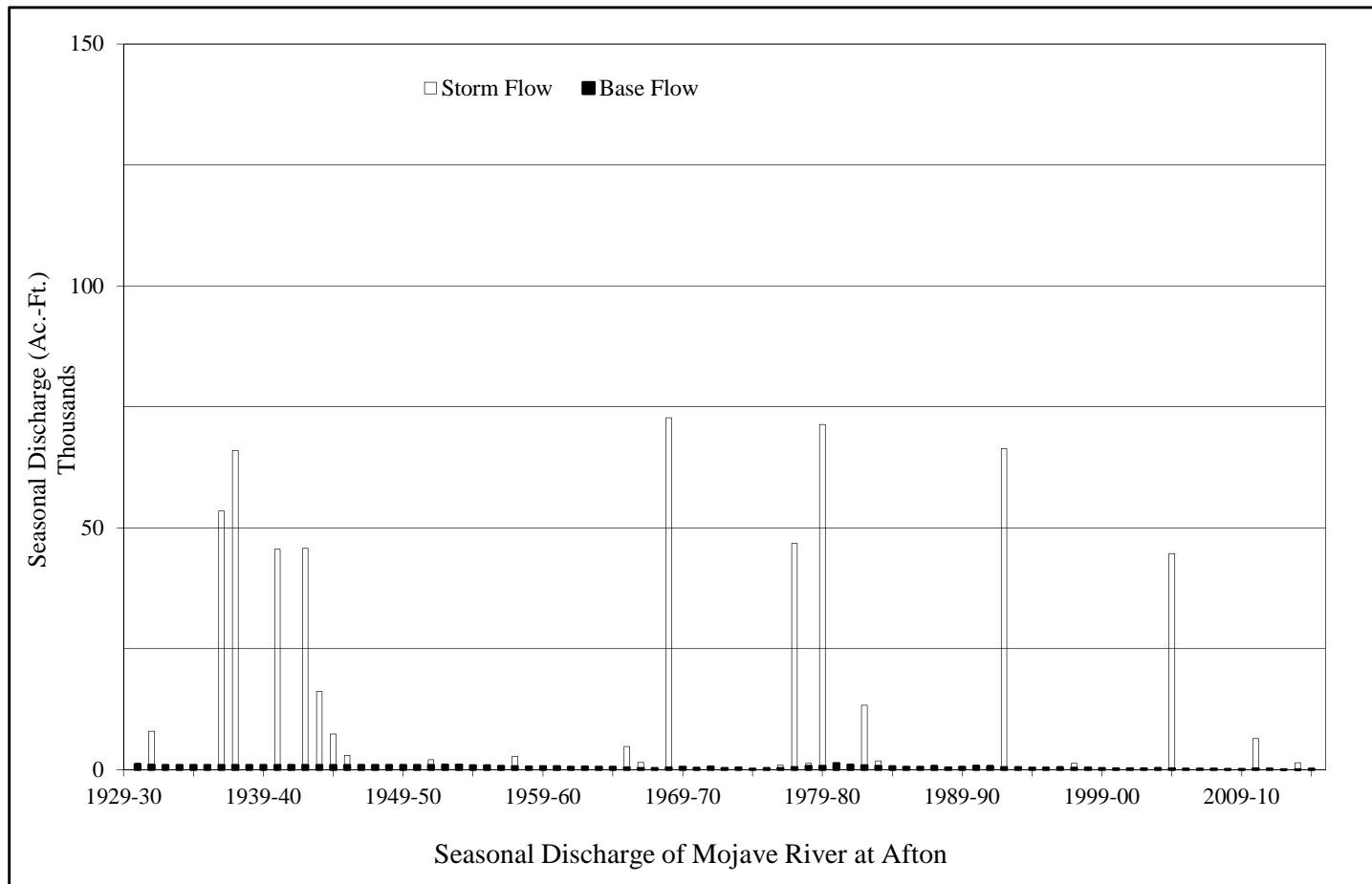
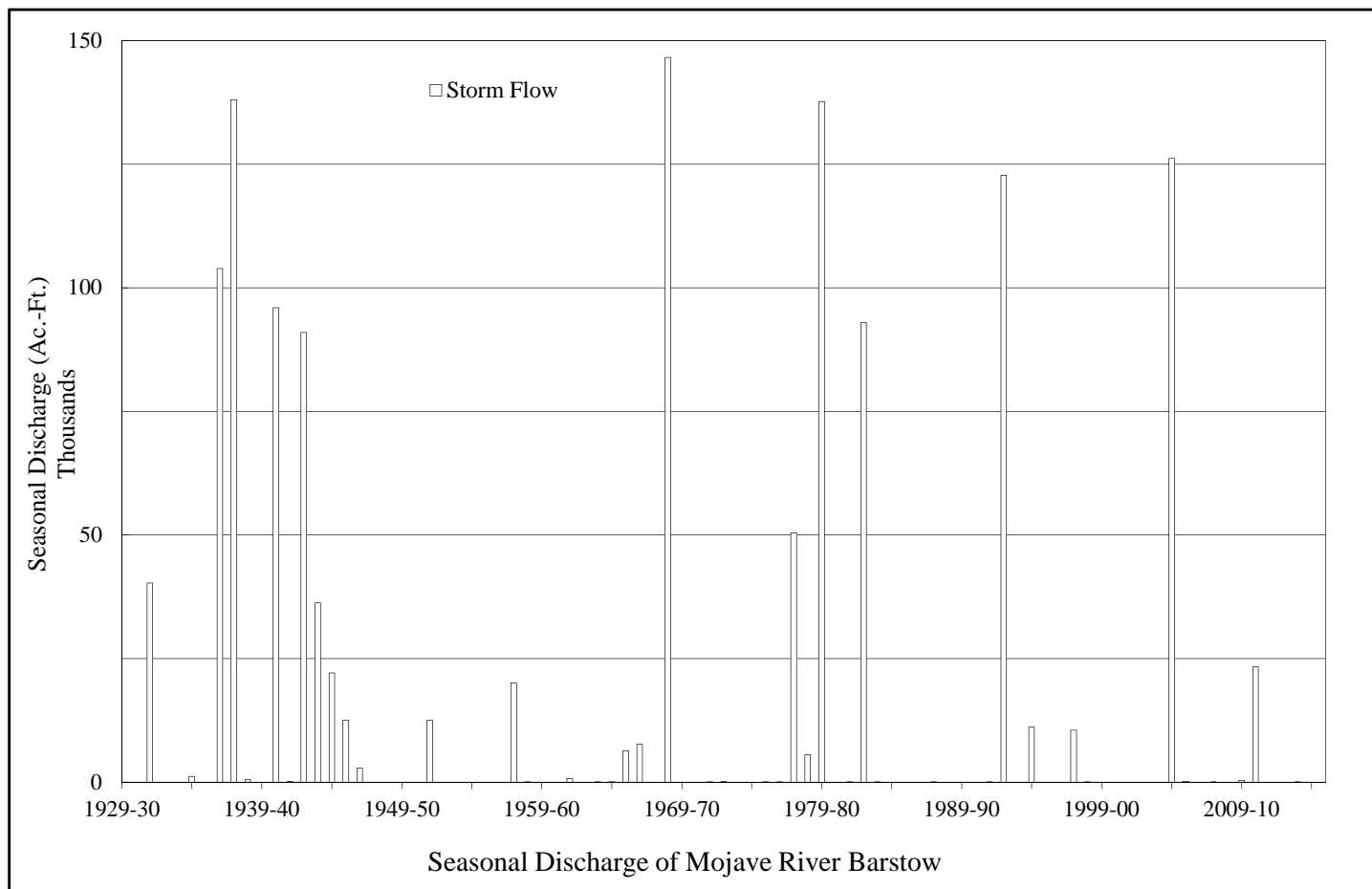


FIGURE 3-5

Wastewater Imports

During 2014-15 reclaimed wastewater was delivered to the Mojave Basin Area for disposal by the following agencies:

	Amount Delivered (acre-feet)
Lake Arrowhead Community Services District	773
Crestline Sanitation District	536
Big Bear Area Regional Wastewater Agency	2,001
	<hr/>
	3,310

Victor Valley Wastewater Reclamation Authority Wastewater Effluent Discharges

The VVWRA and Victorville deliver treated wastewater effluent to the Mojave River downstream from the Lower Narrows (see Chapter 2, page 14). This water is credited toward the Alto Subarea's Obligation to the Centro Subarea and amounted to 12,926 acre-feet for Water Year 2014-15. The annual wastewater effluent discharge to the Mojave River for the period 1985-86 through 2014-15 is shown on Figure 3-4.

Imported Water Deliveries by MWA

During 2014-15 MWA delivered 5,378 acre-feet of State Water Project water to the Alto and Centro Subareas.

(All Amounts in Acre-feet)

	<u>Month</u>	<u>Alto¹</u>	<u>Alto²</u>	<u>Centro³</u>	<u>Centro⁴</u>	<u>Baja</u>	<u>Total</u>
(2014)	October	9	0	73	0	0	82
	November	82	964	49	0	0	1,095
	December	45	0	20	0	0	65
(2015)	January	59	29	11	0	0	99
	February	300	0	38	0	0	338
	March	257	0	85	0	0	342
	April	188	0	84	0	0	272
	May	110	14	89	0	0	213
	June	329	19	164	0	0	512
	July	143	0	133	0	0	276
	August	10	566	173	0	0	749
	September	99	1,118	118	0	0	1,335
	Total	1,631	2,710	1,037	0	0	5,378

¹ Deliveries to the power plant at SCLA.

² Deliveries to the recharge facilities in the Alto subarea.

³ Deliveries to the solar generating facility at Kramer Junction.

⁴ Deliveries to the recharge sites at Hodge and/or Lenwood.

Transition Zone Water Levels

The Judgment requires that minimum water levels be established in the Transition Zone primarily for the purpose of prioritizing recharge within the Alto Subarea. According to the Judgment, until minimum water levels are established, recharge of supplemental water must be delivered to the Transition Zone first, if there is a mandatory replacement obligation in the Transition Zone. Since entry of the Judgment there has not been a mandatory replacement obligation in the Transition Zone.

Watermaster submitted to the Court in April 2007, and the Court approved recommended water levels in the Transition Zone and a water level monitoring procedure as required by the Judgment.

There are three areas within the Transition Zone that are to be evaluated annually. Water level data will be collected from wells in these areas and presented in the Watermaster's Annual Report to the Court. Well locations are shown on Figure 3-6. Water level hydrographs for Transition Zone wells are shown on Figures 3-7, 3-8 and 3-9.

Figure 3-7 shows water levels in three wells near the Helendale Fault. Well number 08N04W20N01 & P02 provides historical reference for water levels dating back to 1930. The composite water level has changed nominally since 1930. Because this well has been discontinued, Watermaster proposes to monitor wells 08N04W19G04 and 08N04W29E06. Both of these wells indicate water level stability over the period of record (since 1994). Water level variation over a two year period exceeding 20 feet will be considered to have encroached on the minimum Transition Zone Water Levels and will require corrective measures. Water levels in this area were stable during the previous Water Year, and exhibit the same seasonal variation as the past 5 years.

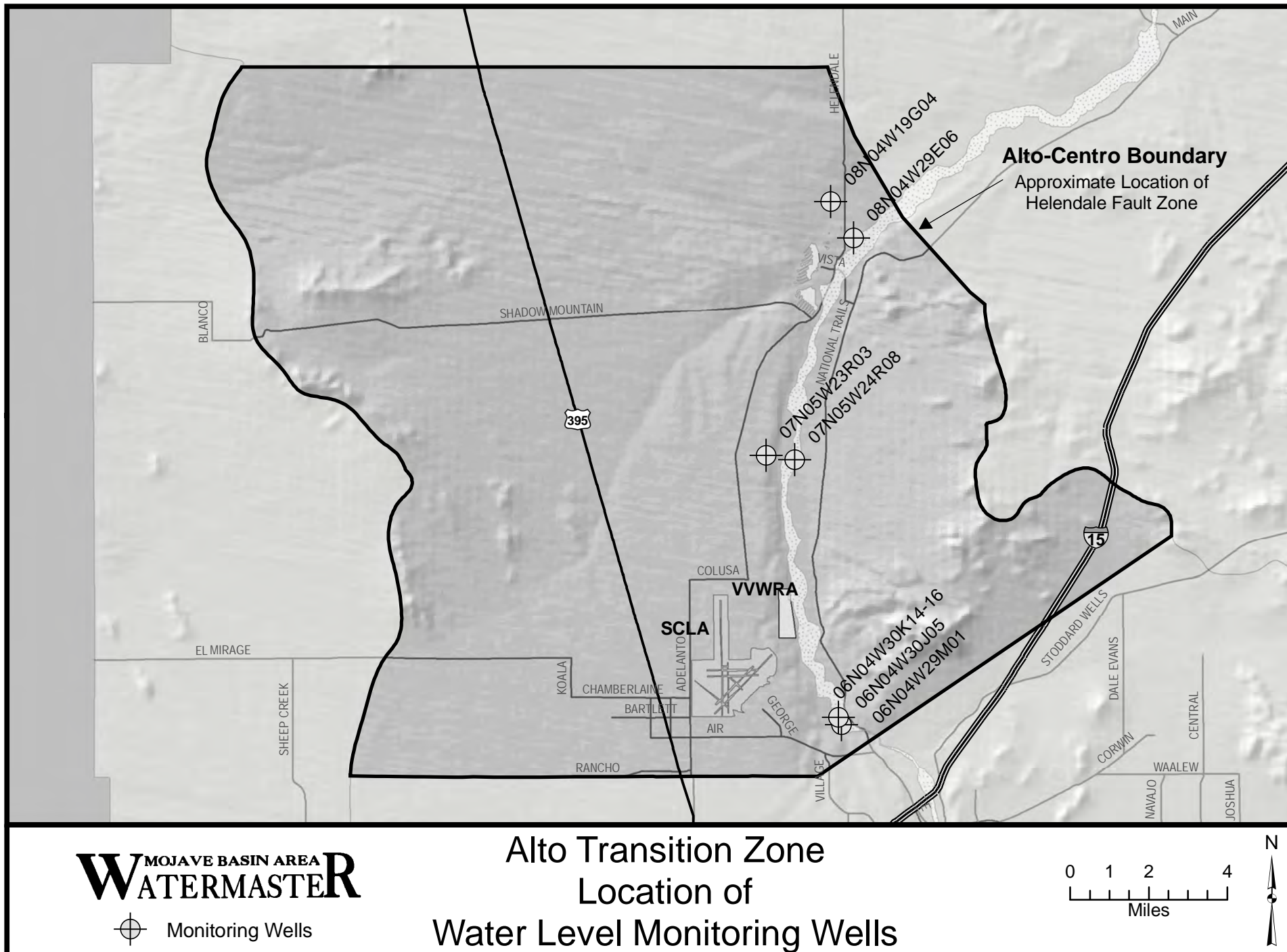
Figure 3-8 shows water levels in wells downstream from Victor Valley Wastewater Reclamation Authority's (VWVRA) point of discharge to the Mojave River. VWVRA discharged 12,926 acre-feet per year during 2014-15 which supports water levels within the Transition Zone. These water levels remained stable during Water Year 2014-15.

Figure 3-9 shows water levels in two shallow wells and a multi-nested well in the vicinity of the City of Adelanto's municipal water supply wells, and downstream of the United States Geological Survey (USGS) gage, "Mojave River at Lower Narrows near Victorville". These

wells show seasonal variability but no long-term downward trend. The multi-nested well was installed by MWA and the California Department of Fish and Wildlife (DFW) in February 2008.

Watermaster reported to the Court that it would revisit minimum water levels in the Transition Zone after collecting data for five (5) years from this new well. The water level measurements since installation in 2008 indicate seasonal fluctuation and year over year stability. The decreasing seasonal water level fluctuation is an indication of an equilibrium condition in the upper basin. As the data from this well has only been collected since 2008 (date of installation), and indicates a rising or stable condition, there is insufficient information to recommend a reasonable minimum water level. Watermaster will confer with CDFW prior to 2017 to establish minimum water level for this well.

FIGURE 3-6



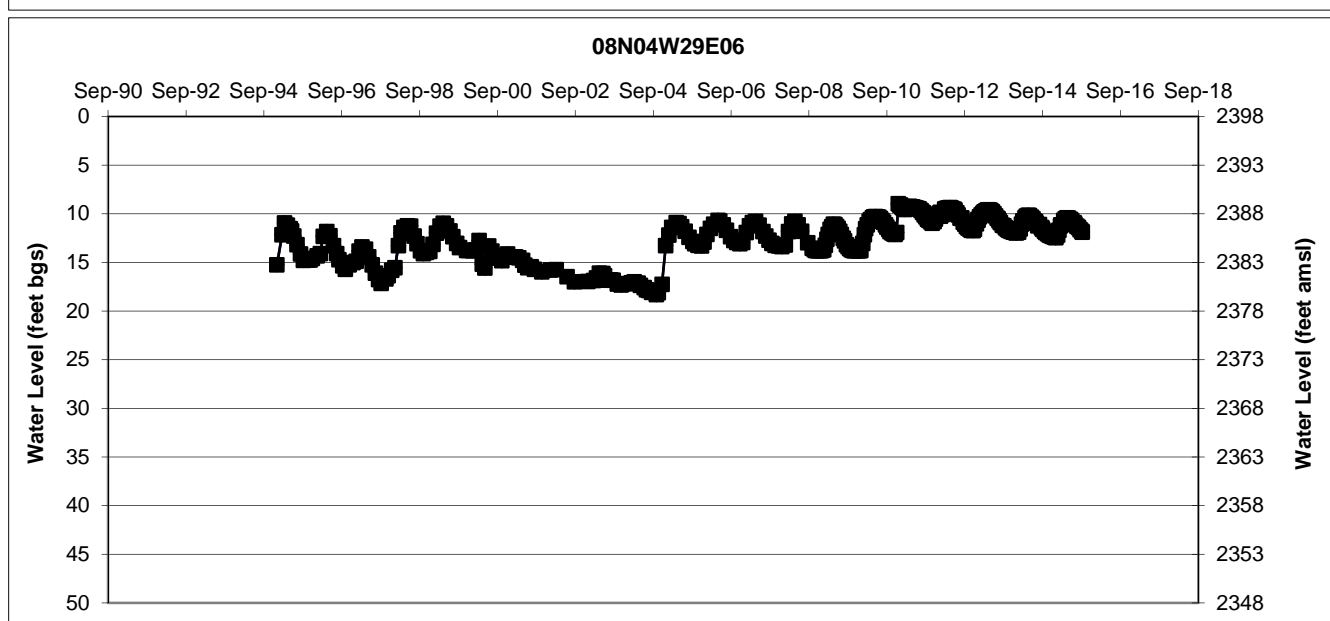
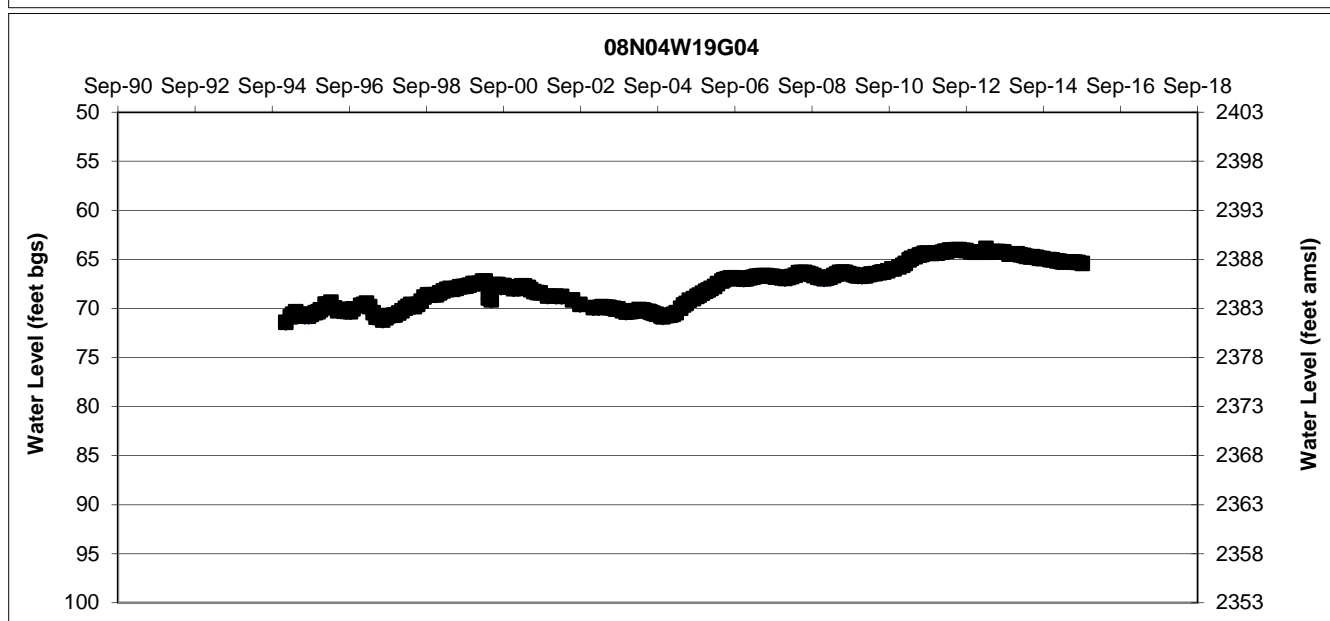
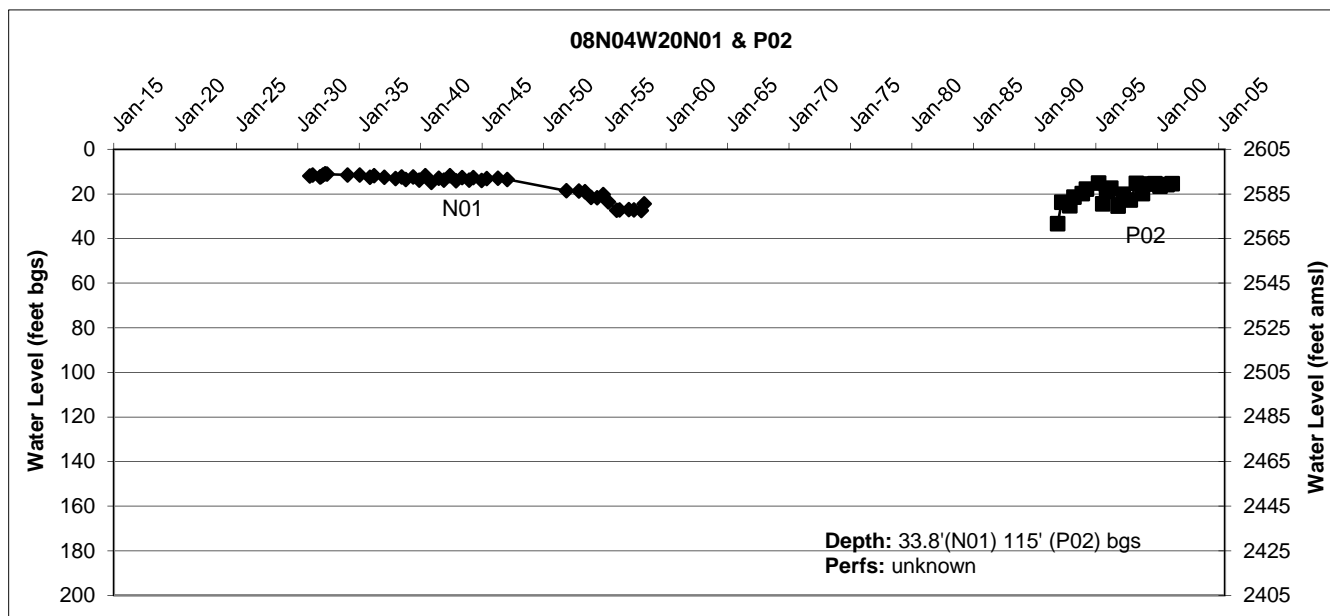


FIGURE 3-7

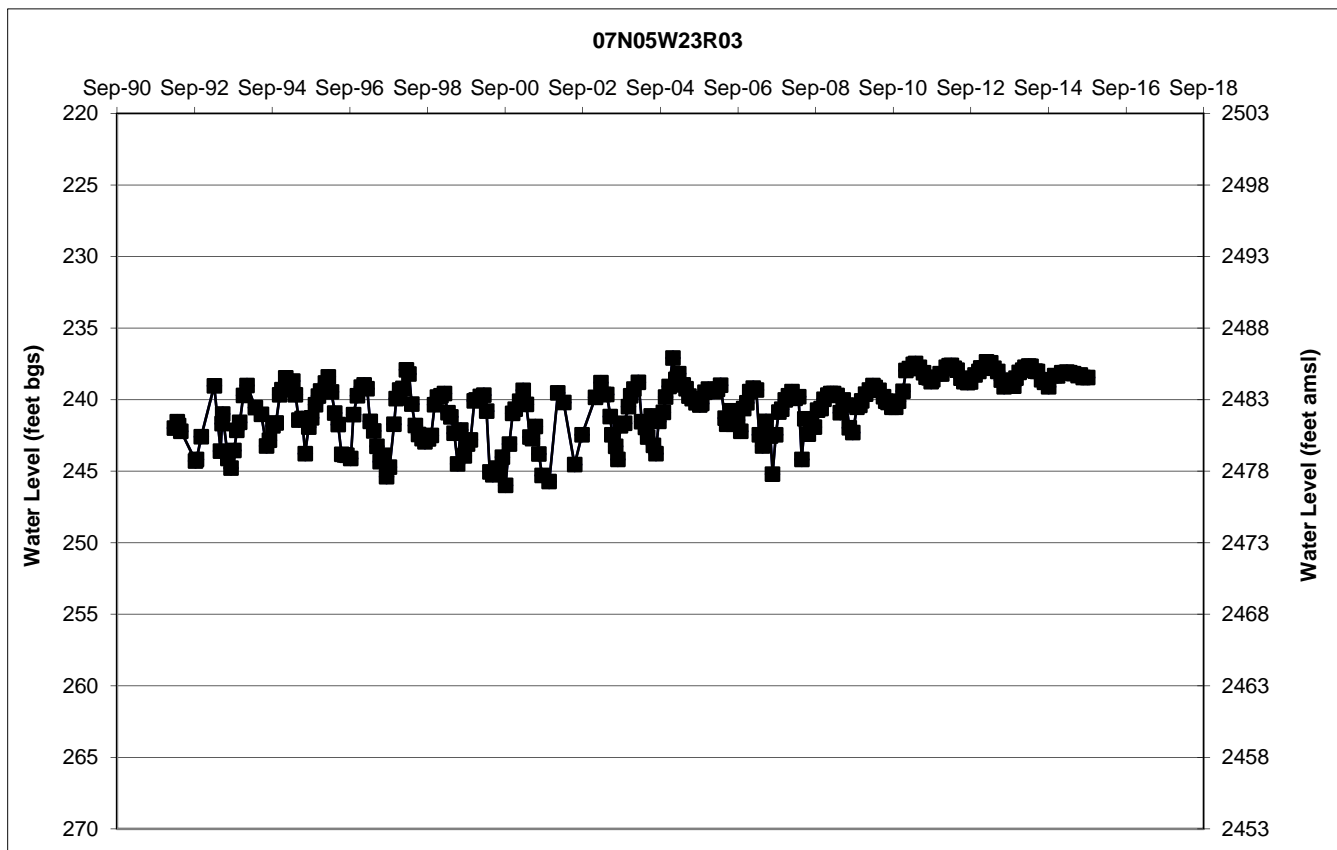
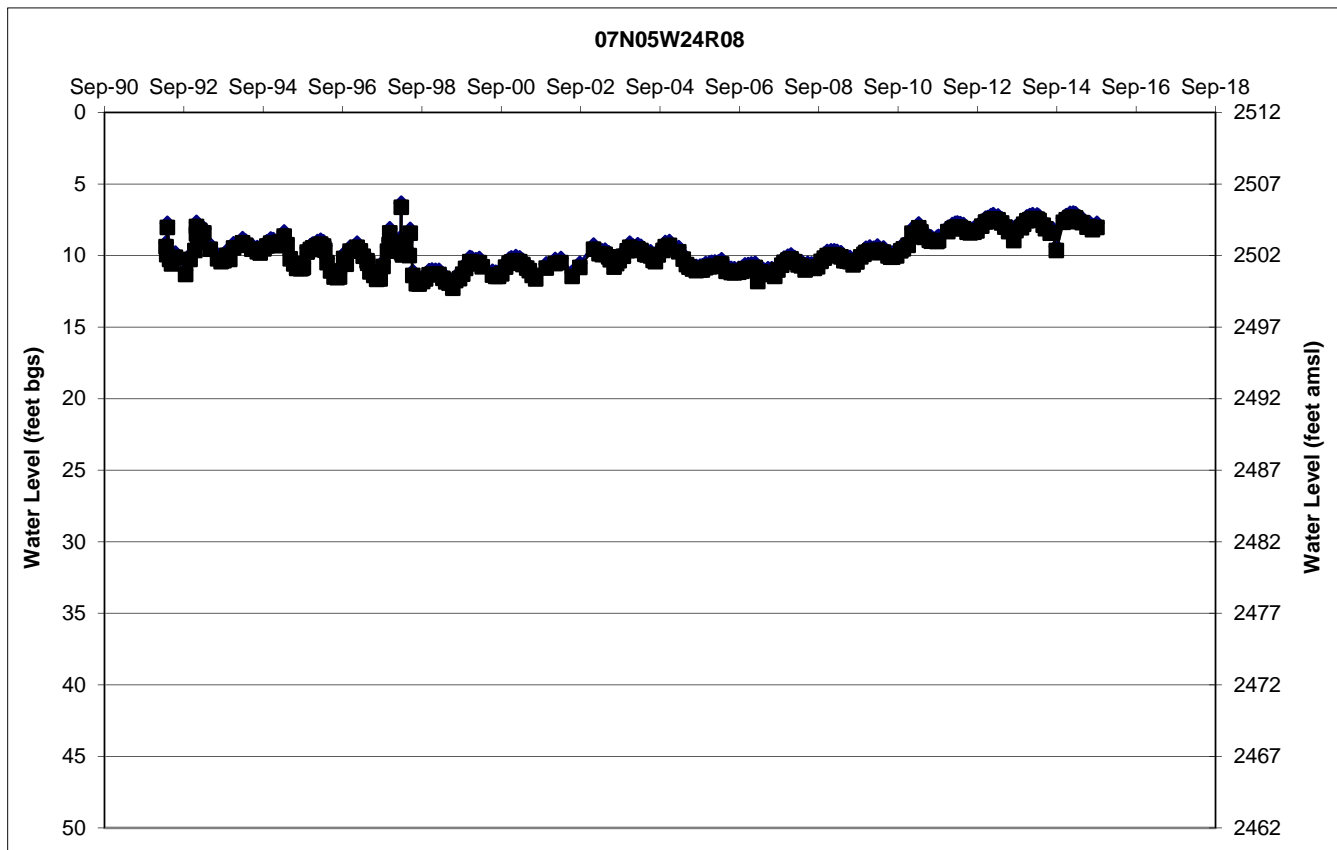


FIGURE 3-8

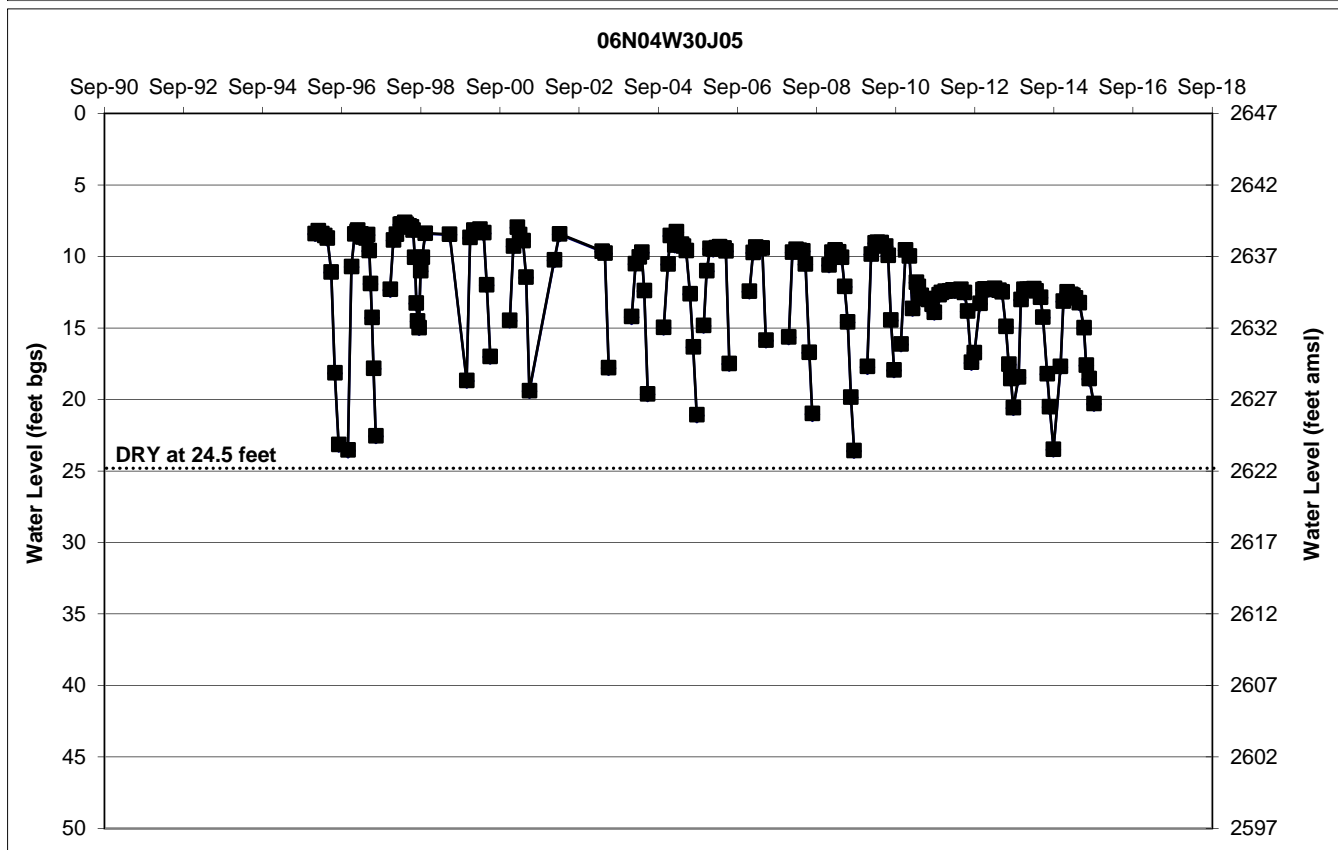
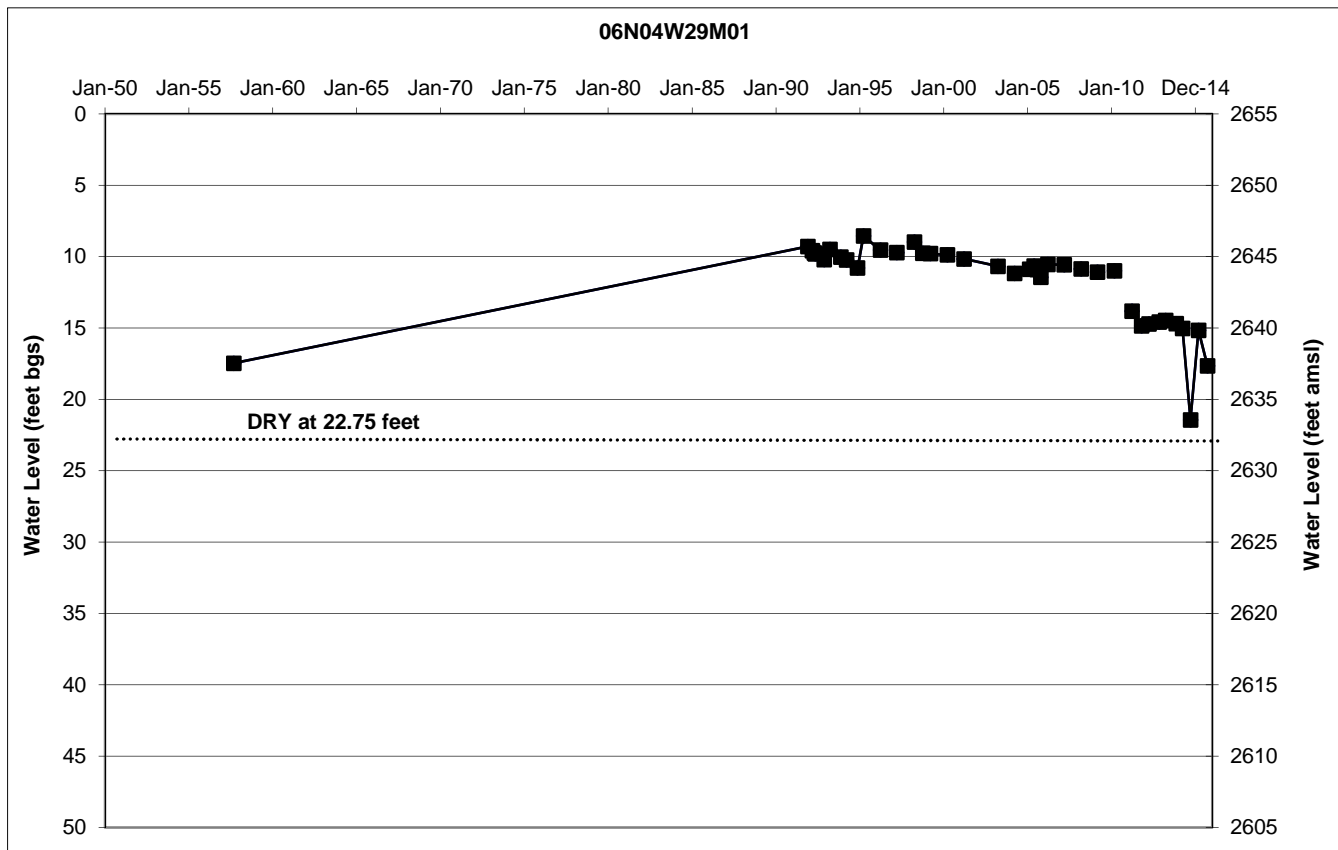


FIGURE 3-9

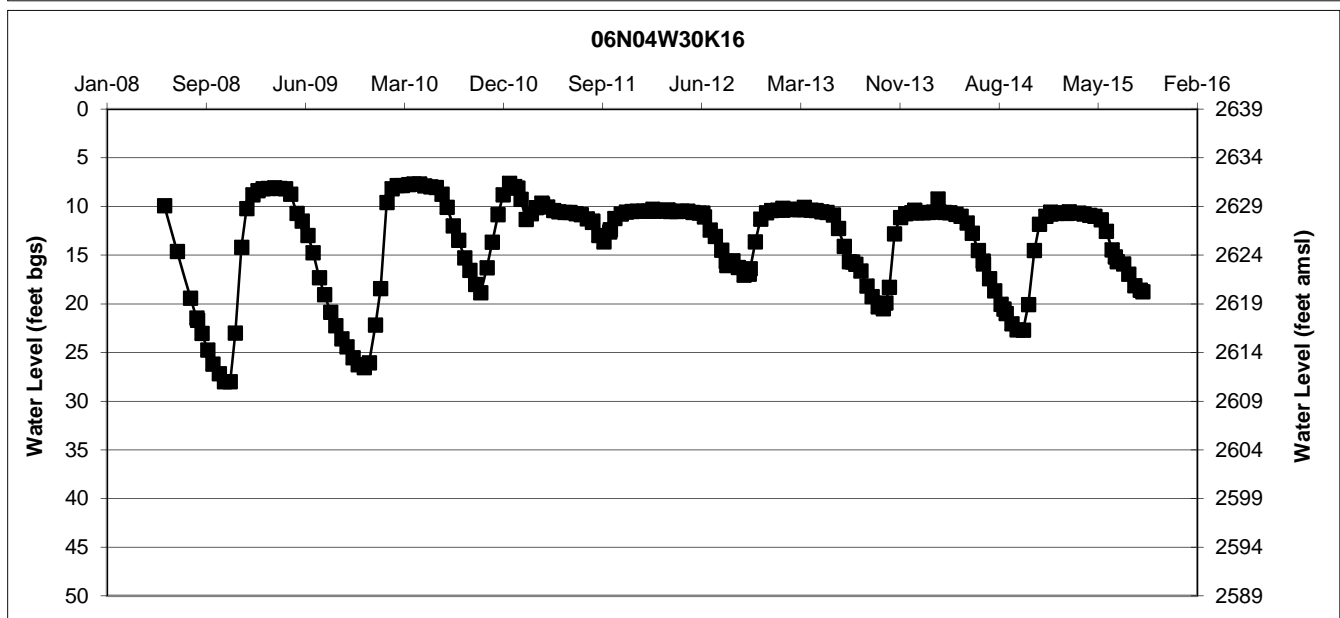
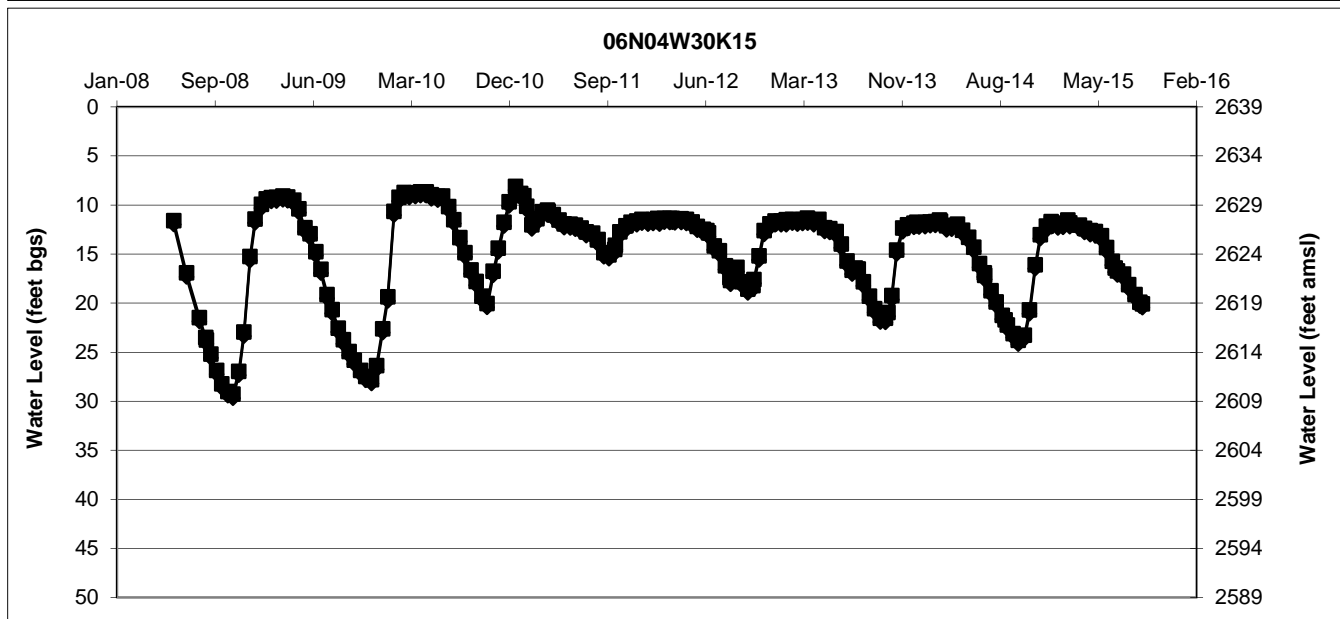
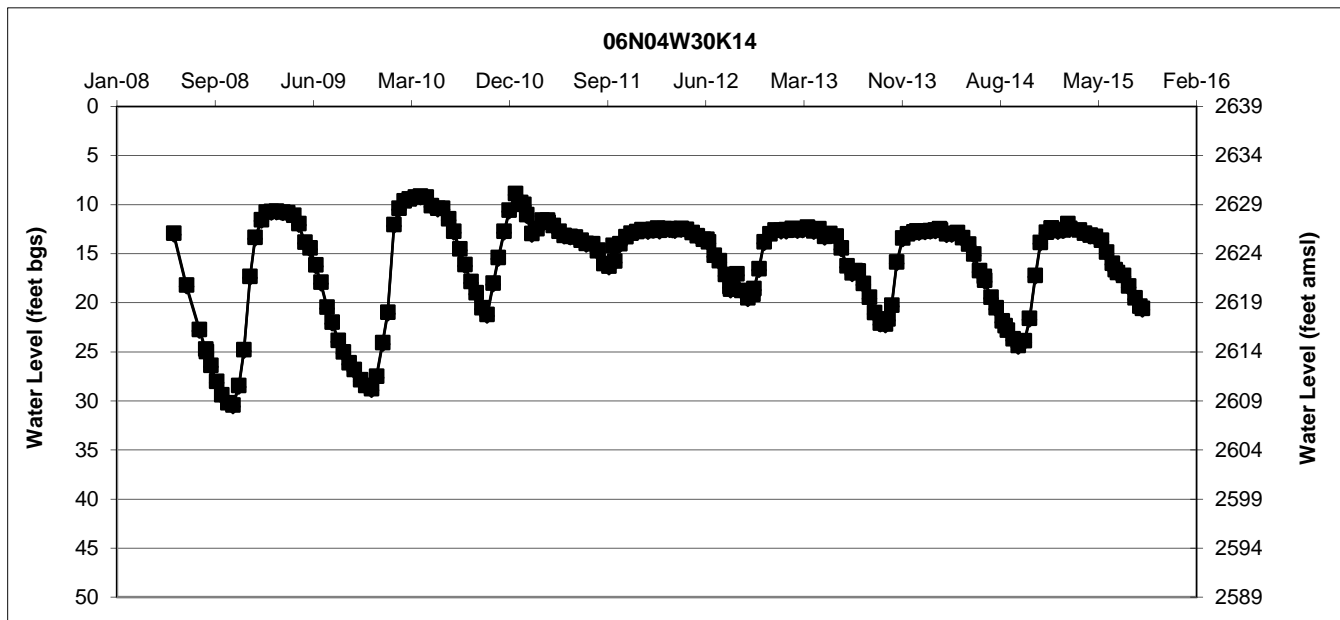


FIGURE 3-9

Subarea Water Levels

Water levels within each of the five Subareas were reviewed as part of the Watermaster's investigation into Subarea conditions and recommendations on Free Production Allowance. Water levels are measured by the Mojave Water Agency and are also reported to the California Statewide Groundwater Elevation Monitoring (CASGEM) program. The Judgment does not specifically require that Watermaster consider changes in water levels in its investigation but Paragraph 24 (o) of the Judgment requires Watermaster to consider changes of water in storage. Rising and falling water levels within the Basin Area are indications of changes in storage over time. While the amount of water level data collected and maintained by MWA is extensive, it is not sufficient to determine changes in storage in each Subarea by using changes in water levels. However, the data is sufficient to make generalizations about the conditions in each Subarea. Watermaster has estimated the annual change in storage as for each Subarea in the Section on State of the Basin on page 29.

Hydrographs of wells generally representative of Subarea conditions are maintained by MWA for public review at: <http://www.mojavewater.org/subarea-hydrograph-gallery.html>

A more extensive set of water level data is reported by Mojave Water Agency to the CASGEM program at: http://www.water.ca.gov/groundwater/casgem/online_system.cfm

The hydrographs were presented for inspection at the February and March 2016 Watermaster meeting and discussed in detail by the Engineer. Figures 3-10 through 3-16 are reduced copies of the exhibits available on the MWA website. A summary of the water levels for each Subarea is presented below.

Alto Subarea

Water levels in Alto are presented on three maps depicting hydrographs that represent conditions throughout Alto. 1) Western portion is generally west of the Mojave River (the river is included in the western portion); 2) Eastern portion is generally east of the Mojave River; and 3) Alto Transition Zone. Alto water levels near the river are relatively stable exhibiting seasonal variation, rising in winter and falling in summer. The near river wells also indicate rising and falling water levels consistent with available recharge from storms. It is expected that under current pumping conditions and long term precipitation that near river wells will remain stable. Water levels in the western portion of Alto in the regional aquifer exhibit declines consistent

with locally heavy pumping and limited local recharge. Water levels in the eastern portion of Alto indicate similar trends although to a lesser extent; most likely due to limited pumping in the regional aquifer east of the river. Continued pumping in depleted areas of the regional system may result in long local negative impacts such as declining yields and water quality problems. Watermaster is not aware of wide spread problems in the regional system due to the falling water table. The relative stability of near river water levels and water levels in the Transition Zone indicate hydrologic stability in the relationship between Alto and the downstream Subareas.

Baja Subarea

Baja water levels continue to decline due to over pumping and limited recharge opportunities. Wells near the river in the Daggett area respond to recharge when it is available but continue to fall immediately following storm events. Water levels in the area near the river at Camp Cady indicate relative stability due to water perched in the shallow aquifer, limited pumping and geologic factors such as narrowing of the basin sediments near Camp Cady and downstream. Water levels elsewhere in Baja show declines without indicating recovery after storms.

Centro Subarea

Water levels in Centro have been stable showing seasonal variability and variability during dry years but generally recover during wet periods. Water levels in the Harper Lake area indicate a slow recovery due primarily to cessation of pumping during the past several years. Water levels in wells in the vicinity of Hinkley but away from the river system show the effects of pumping and limited recharge.

Este Subarea

Water levels in Este have remained stable for the past several years indicating a relative balance between recharge and discharge.

Oeste Subarea

Oeste water levels continue to decline and in some areas the declines are significant. Water levels are declining in wells in Los Angeles County near the Phelan Piñon Hills CSD municipal water supply well used to supply water to the CSD's customers in San Bernardino County. Water levels near Sheep Creek Road and Highway 18 indicate significant decline, likely due to heavy pumping nearby. Water levels in the north part of Oeste near El Mirage indicate relative stability. It should be noted that the available water level data in Oeste is limited.

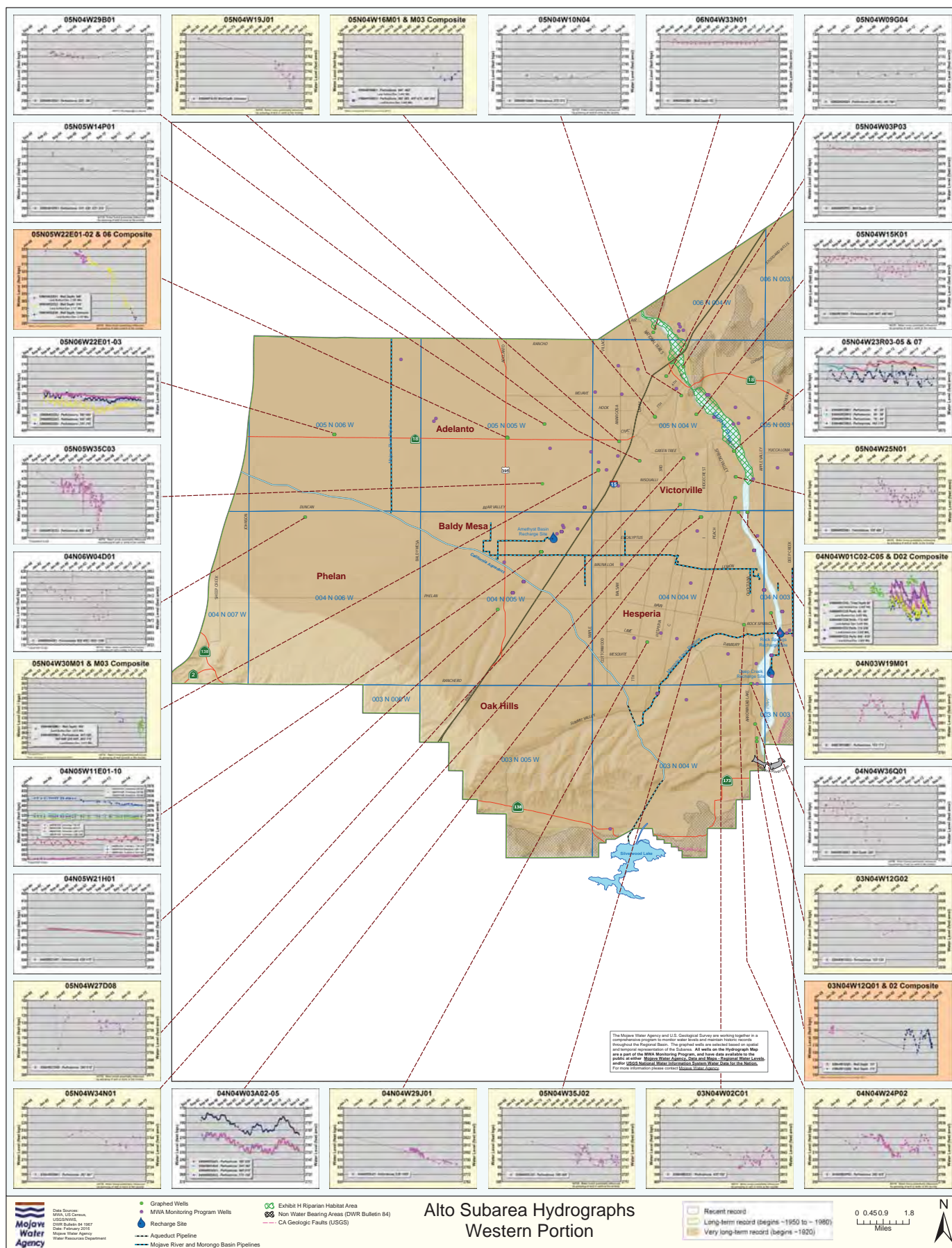


FIGURE 3-10



FIGURE 3-11

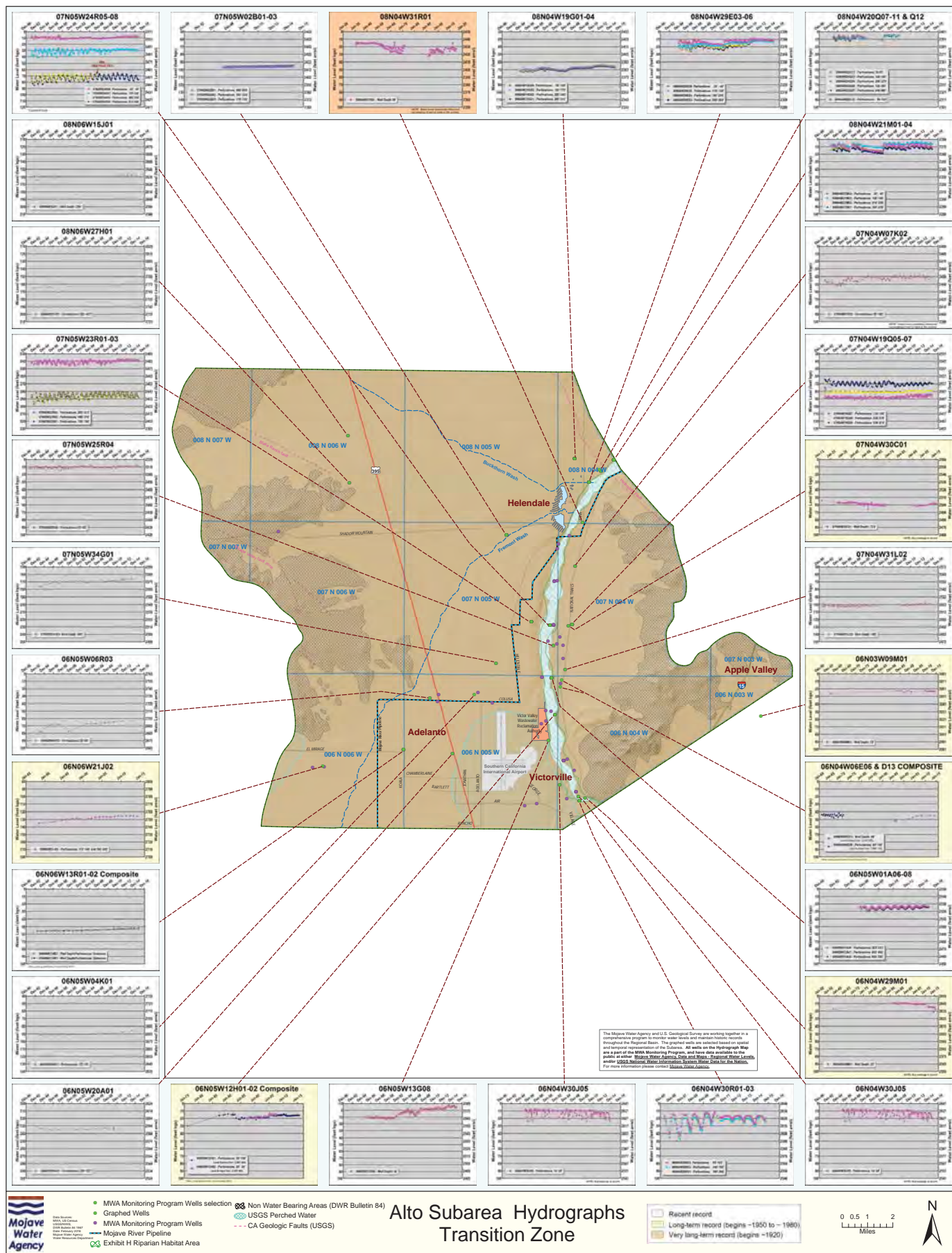


FIGURE 3-12

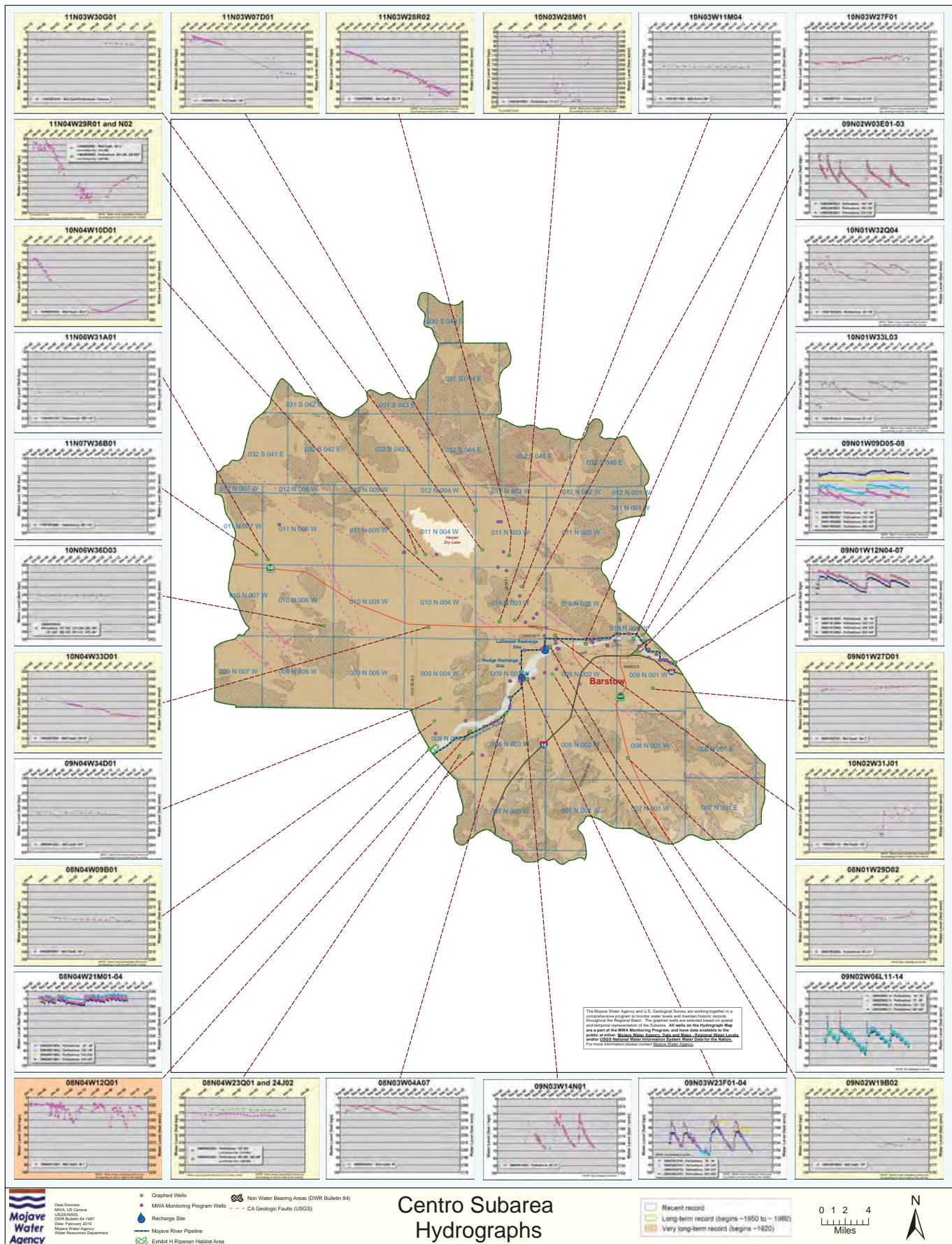


FIGURE 3-14

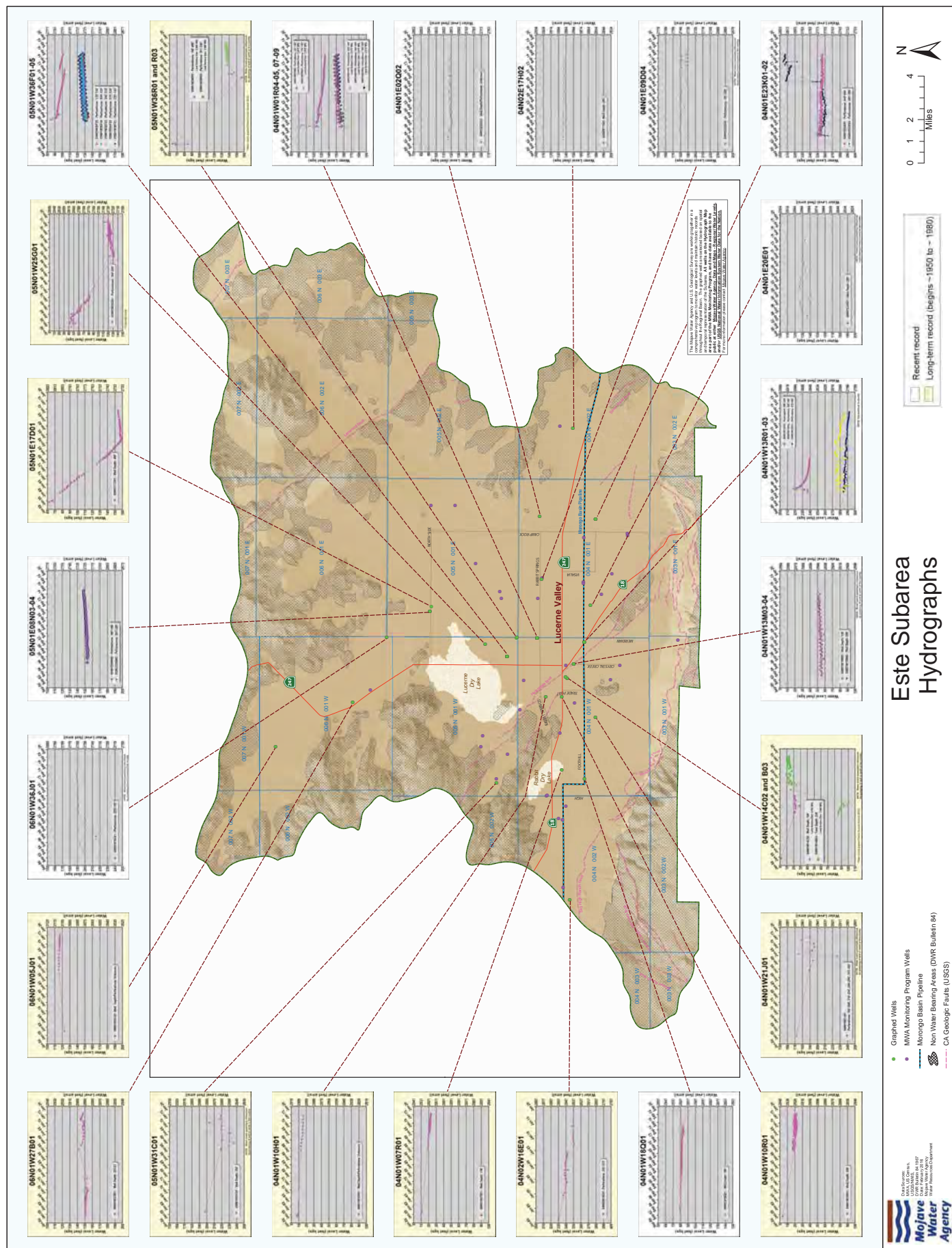
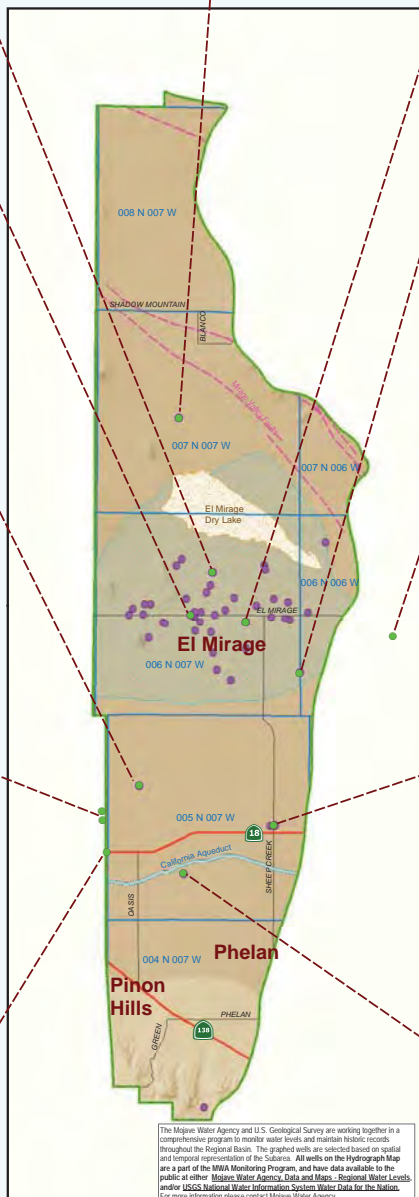
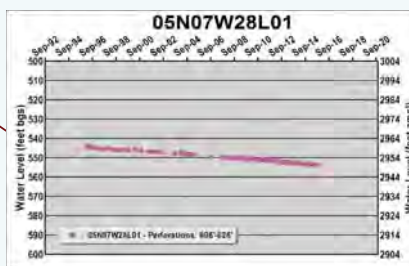
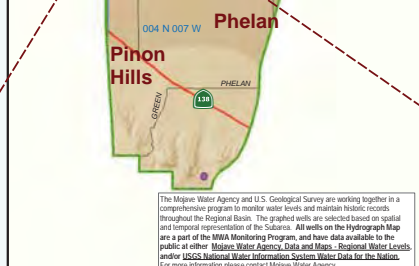
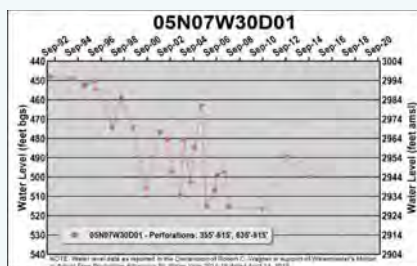
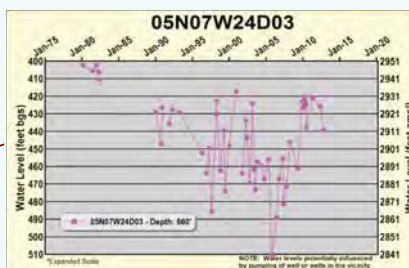
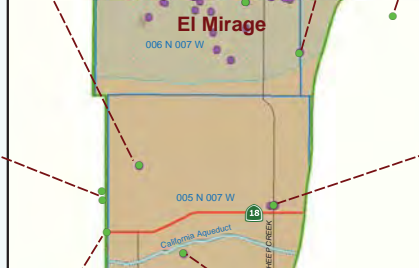
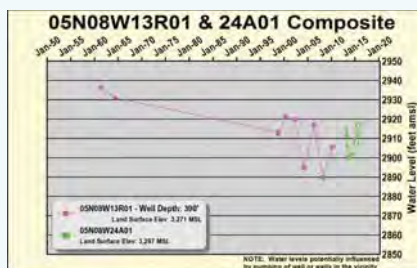
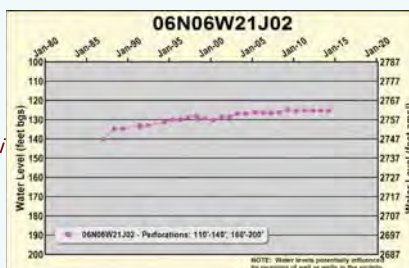
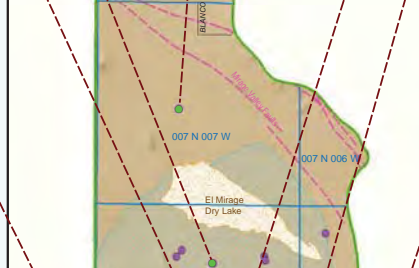
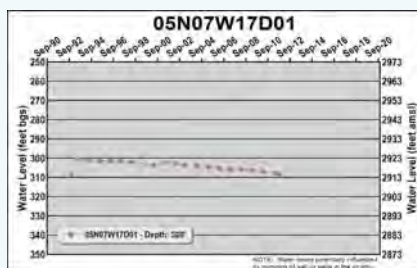
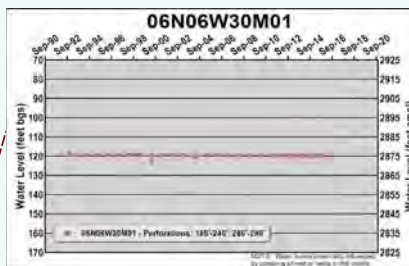
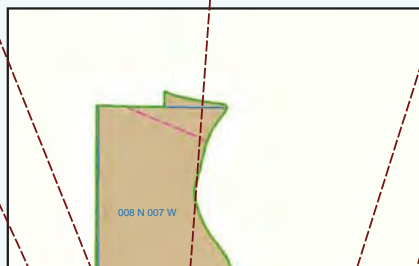
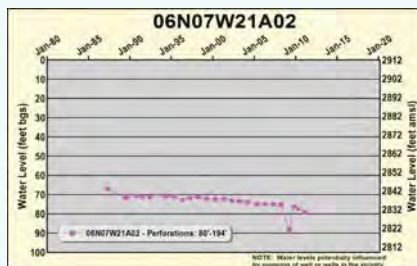
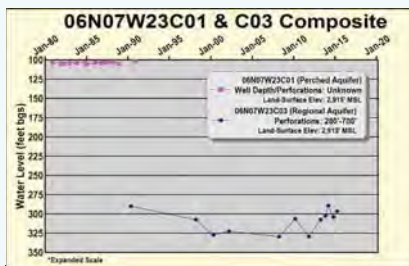
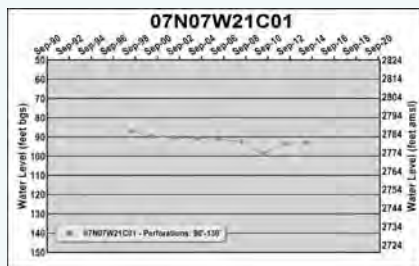
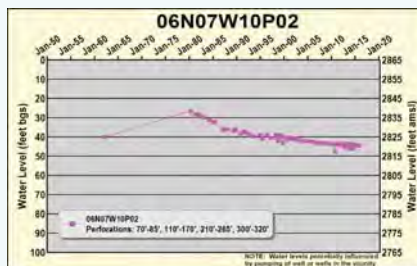


FIGURE 3-15



Data Sources:
MWA, US Census,
USGS, NWS,
Date: February 2016
Mojave Water Agency
Water Resources Department

- Graphed Wells
- MWA Monitoring Program Wells
- MWA Monitoring Program Wells - Perched Layer
- USGS Perched Water Table
- CA Geologic Faults (USGS)

Ooste Subarea Hydrographs

Recent record
Long-term record (begins ~1950 to ~1980)

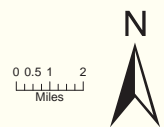


FIGURE 3-16

State of the Basin

Watermaster has developed a graphical decision making tool to assess changes of water in storage over time. Developed cooperatively with MWA, the tool is part of a larger program to track changes in water levels and match the changes with an annual calculation of inflow, outflow, and consumptive uses. Watermaster has developed a methodology for evaluating and estimating consumptive uses on an individual producer basis providing a more precise estimate of water use in each Subarea resulting in a more reliable calculation of change in storage. Consumptive use has been evaluated for the last four years and continues to become increasingly fine-tuned as individual producer's use and each Subarea's hydrogeology are fully understood.

Watermaster has conducted an annual estimate of consumptive uses concurrent with Watermaster annual water production verification. Water production and use data compiled, verified and maintained by Watermaster were analyzed to determine the portion of water produced that was consumptively used.

The consumptive use analysis has been conducted annually since Water Year 2011-12 to provide estimates for irrigation demands for crops, septic return flow, sewage return flow, municipal and domestic outdoor return flow, as well as estimates of consumptive use for golf courses, parks and recreational lakes. The analysis breaks down each producer's water production into component parts, calculates a consumptive use for each sequential use and sums the results. The methodology is a departure from the past estimates, which grouped users into broad categories and applied a percentage value to each category to estimate consumptive use.

Production records and land uses are evaluated annually for each individual producer. Daily climate data, soil survey information, crop development characteristics (crop coefficients, maximum effective rooting depth, and allowable soil water depletion), and producer's agricultural uses are analyzed to determine an irrigation demand. For municipal uses, available water purveyor data is evaluated to estimate per capita indoor and outdoor use for single-family and multi-family residential uses as well as industrial and commercial uses where applicable. Domestic uses are also evaluated on an individual producer level and indoor and outdoor use is estimated. The aggregate of each individual producer's consumptive use, in conjunction with

available flow data, estimates of subsurface flows, and imported water result in the annual change in storage calculation.

As shown on Figures 3-17 through 3-21, the tool provides insight for decisions regarding when to purchase water, how much to purchase, and whether or not to acquire additional State Water Project water. Change in storage in the groundwater basin is calculated by subtracting the sum of the elements of inflow including imports, from outflow, consumptive uses, and exports on an annual basis. An accumulation of the changes in storage is plotted versus time on the figures. The information shown on the figures is indicative of the sustainability of the water supply conditions in each subarea.

Various ranges shown by color gradations from blue to red, were developed for the Alto and Centro Subareas. In Alto (Figure 3-17), the minimum operating level is the amount of storage in 2005, during which time the basin was considered to be healthy. The maximum operating level, is the minimum level plus 5 years of average annual consumptive use. Average annual consumptive use in Alto is about 58,000 acre-feet, representing a year of pumping under the land and water use conditions existing since 1996.

In Centro (Figure 3-18), the minimum operating range is the amount in storage in 1997, the lowest since the Judgment, during which time the basin was considered to be healthy. The maximum operating level is the minimum level plus a supply of 5 average annual consumptive uses, with an average annual consumptive use being about 18,000 acre-feet from 1996 to 2015.

Conditions in Baja (Figure 3-19) and Oeste (Figure 3-21) have yet to stabilize since 1996. As such, optimal operating parameters have not been established. Figure 3-19 shows the continued overdraft and continued depletion of groundwater in storage. In Oeste, the water levels in areas of pumping near the San Los Angeles County line are falling over time. The change in storage calculation reflects water level decline; however, the magnitude of the change in storage is questionable. For Este (Figure 3-20) optimal operating parameters have not been established, though the elements of water supply use and disposal appear to be balanced based on water level data for at least the past 15 years. As shown on Table 3-2, water supply for Este for 2014-2015 is approximately 7,000 acre feet, assuming annual average change in storage is approximately zero.

MWA's 2010 Urban Water Management Plan considered three water shortage scenarios for evaluating water supply reliability. The scenarios included a six-month outage of the State Water Project (SWP) as well as a single year historic drought on the SWP and the historic four year SWP drought. The Mojave Basin Area Judgment acknowledged that SWP water supplies would not always be available in every year. The Physical Solution embodied within the Judgment is designed to take advantage of the large amount of storage available in the Mojave Basin Subareas. During periods of below average rainfall and runoff, or SWP shortage, water can be reliably (sustainably) pumped from groundwater storage until it can be replaced either by natural recharge from precipitation, or by importation of supplemental water. In part, the Operating Ranges for healthy long term subarea operation as shown on Figures 3-17 and 3-18 are reflective of the dry year scenarios referenced in the 2010 UWMP. During the 18 years since Entry of Judgment, basin storage has ranged from a decline of approximately 3.2 years of consumptive use in Alto (189,342 acre-feet), and 2.9 years in Centro (52,858 acre-feet), to an increase of 3.9 years in Alto (226,489 acre-feet), and 7.5 years in Centro (139,589 acre-feet). The operating range, about 291,000 acre-feet in Alto and about 92,000 acre-feet in Centro, is well within the limits identified for dry year reliability envisioned by the 2010 UWMP. Since 1996, Baja has lost about 354,200 acre feet of groundwater storage. There is concern that the Baja subarea could not sustain a further reduction in storage.

Figure 3-17 (Alto) is instructive for planning decisions related to the timing for purchasing supplemental water. The period between 1998 and 2004 resulted in water level declines that have since proven to be within an acceptable operating range. Between 1998 and 2004 basin storage declined due to below average inflow and the progress toward full implementation of the Judgment. During the first 5 years of the Judgment, Free Production Allowance (FPA) declined uniformly to 80% of base Annual Production (BAP). After final resolution by the Supreme Court, and after settling the remaining issues, Rampdown in Alto resumed in 2002 in 5% increments through 2005 to 60% of BAP, where it has remained. The reduction in FPA resulted in the purchase of Replacement Water. MWA's efforts to import water, purchases of supplemental water for Replacement Water Obligations under the Judgment, and significant precipitation events in 2005 and 2010 have increased storage in Alto by 226,489 acre-feet and have resulted in 99,009 acre-feet (approximately 1.7 years of consumptive use) remaining in MWA's Alto storage account. Similarly, storage in Centro increased by 139,589

acre-feet and has resulted in 20,224 acre-feet (approximately one year of consumptive use) remaining in MWA's Centro storage account. Figures 3-17 and 3-18 provide a guide that may inform a decision to forego purchases of expensive water during dry periods, in favor of buying more water during wet periods.

Watermaster also uses the State of the Basin analysis for documenting sustainability of the groundwater basin in reference to legislation enacted as Water Code sections 10720-10720.9 known as the Sustainable Groundwater Management Act (SGMA). The annual change in storage determined from the methodology described above for Water Year 2014-15 is shown on Table 3-2.

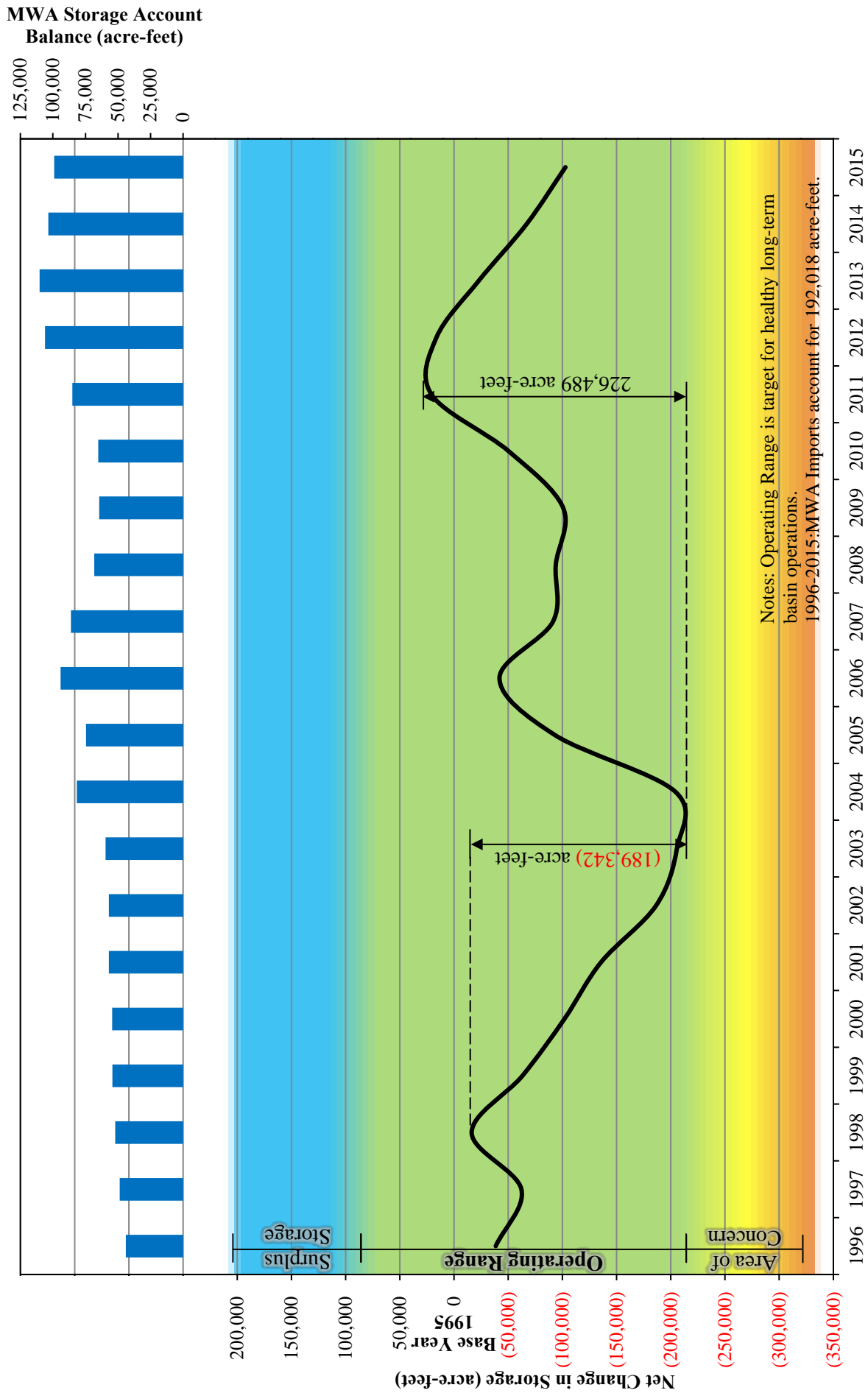
TABLE 3-2

**ANNUAL CHANGE IN STORAGE BY SUBAREA
WATER YEAR 2014-15
(AMOUNTS IN ACRE-FEET)**

	<u>Este</u> ¹	<u>Oeste</u>	<u>Alto</u>	<u>Centro</u>	<u>Baja</u>	<u>Total</u>
Total Water Supply	6,977	1,500	20,615	8,430	1,681	39,203
Total Outflow and Consumptive Use	6,977	3,332	56,403	19,350	27,726	113,788
Net Change in Storage	0	(1,832)	(35,788)	(10,920)	(26,045)	(74,585)

1. Water level data indicates little or no change in storage on an average annual basis; water supply is estimated to balance outflow and consumptive use.

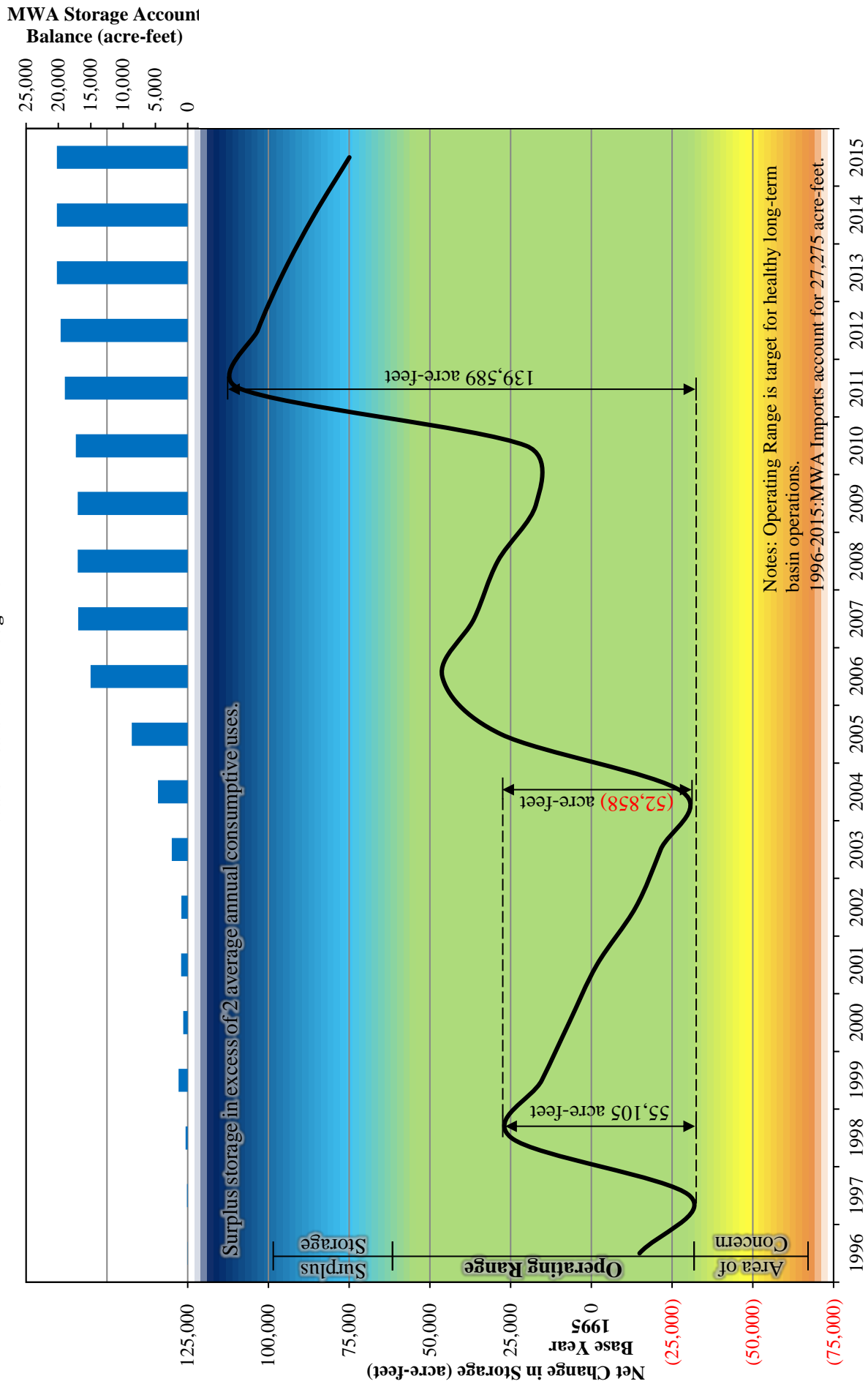
Alto Subarea Net Change in Storage and MWA Storage Account Balance Water Years 1996 through 2015



Operating range based on lowest amount in storage of -205,635af, during which the basin was considered to be healthy, plus a supply of 5 average annual consumptive uses, with an average annual consumptive use equating to 57,737 af from 1996 through present. Surplus Storage and Area of Concern each represent 2 average annual consumptive uses.
Source: Consumptive Use for 1996-2011 per Robert C. Wagner, Watermaster Engineer. Consumptive Use for 2012-2015 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2016.

FIGURE 3-17

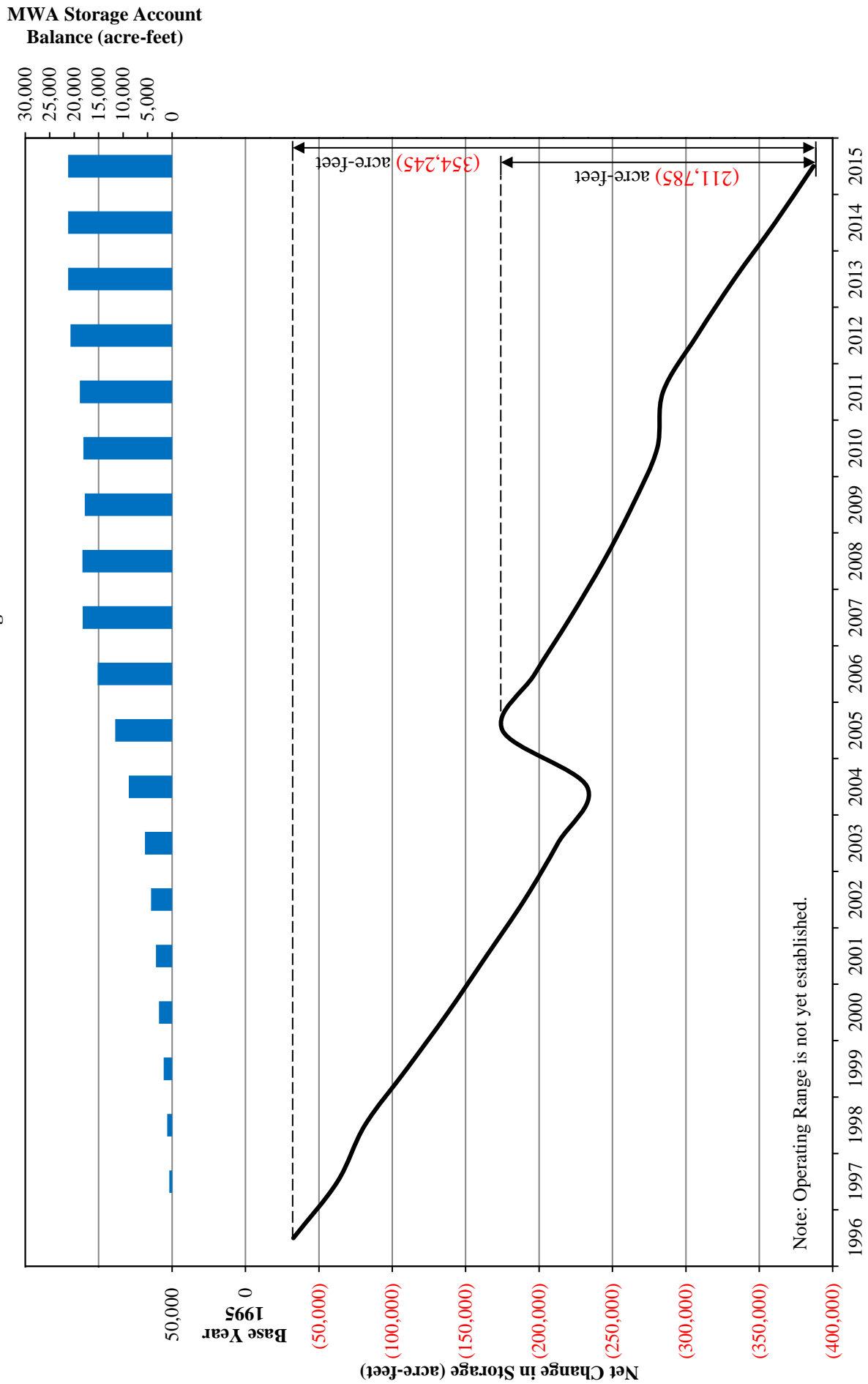
Centro Subarea Net Change in Storage and MWA Storage Account Balance Water Years 1996 through 2015



Operating range based on lowest amount in storage of -30,407af, during which the basin was considered to be healthy, plus a supply of 5 average annual consumptive uses, with an average annual consumptive use equating to 18,312 af from 1996 through present. Surplus Storage and Area of Concern each represent 2 average annual consumptive uses.
Source: Consumptive Use for 1996-2011 per Robert C. Wagner, Watermaster Engineer. Consumptive Use for 2012-2015 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2016.

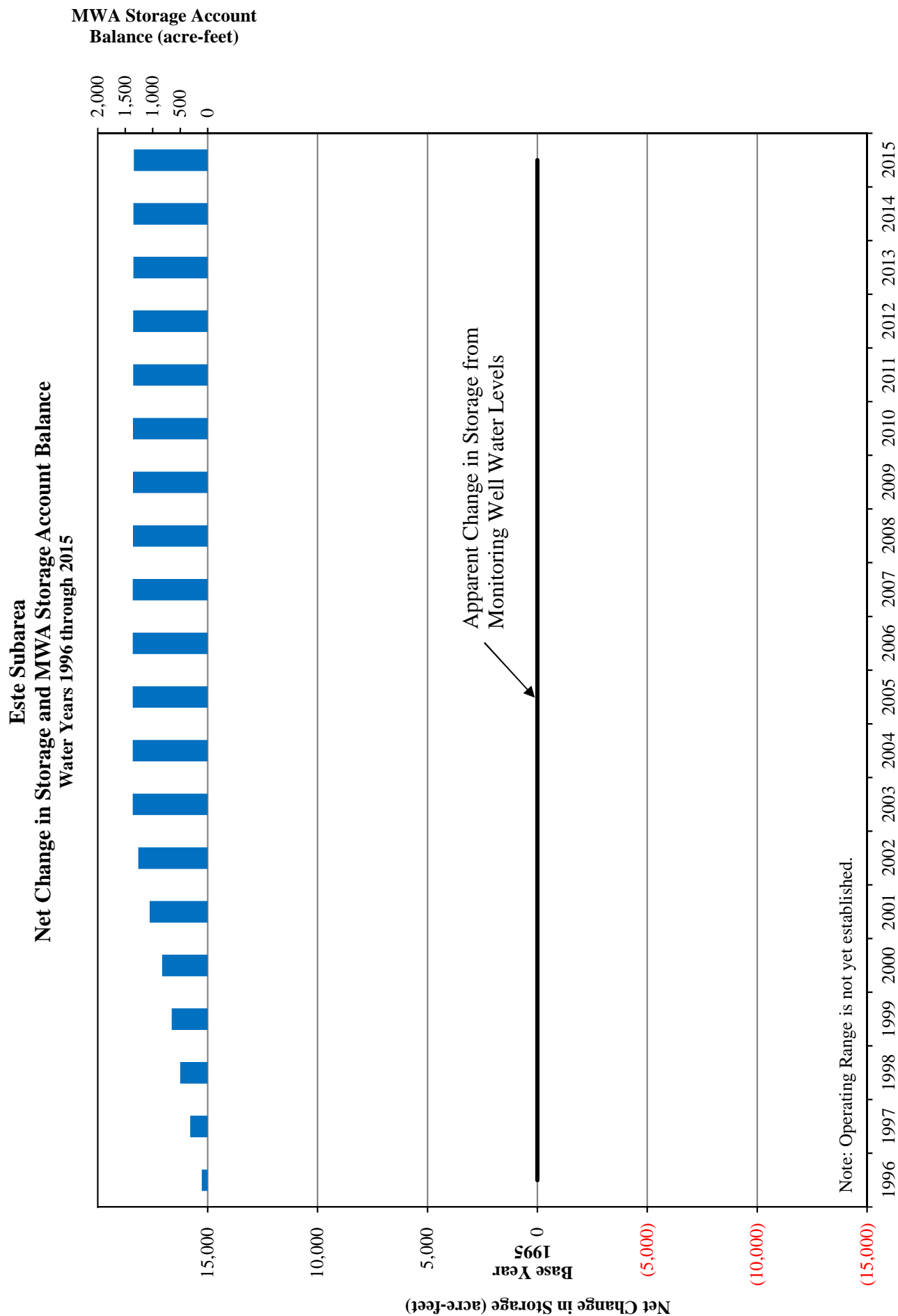
FIGURE 3-18

Baja Subarea **Net Change in Storage and MWA Storage Account Balance** **Water Years 1996 through 2015**



Source: Consumptive Use for 1996-2011 per Robert C. Wagner, Watermaster Engineer. Consumptive Use for 2012-2015 based on analysis of individual producers. Robert C. Wagner, Watermaster Engineer, 2016.

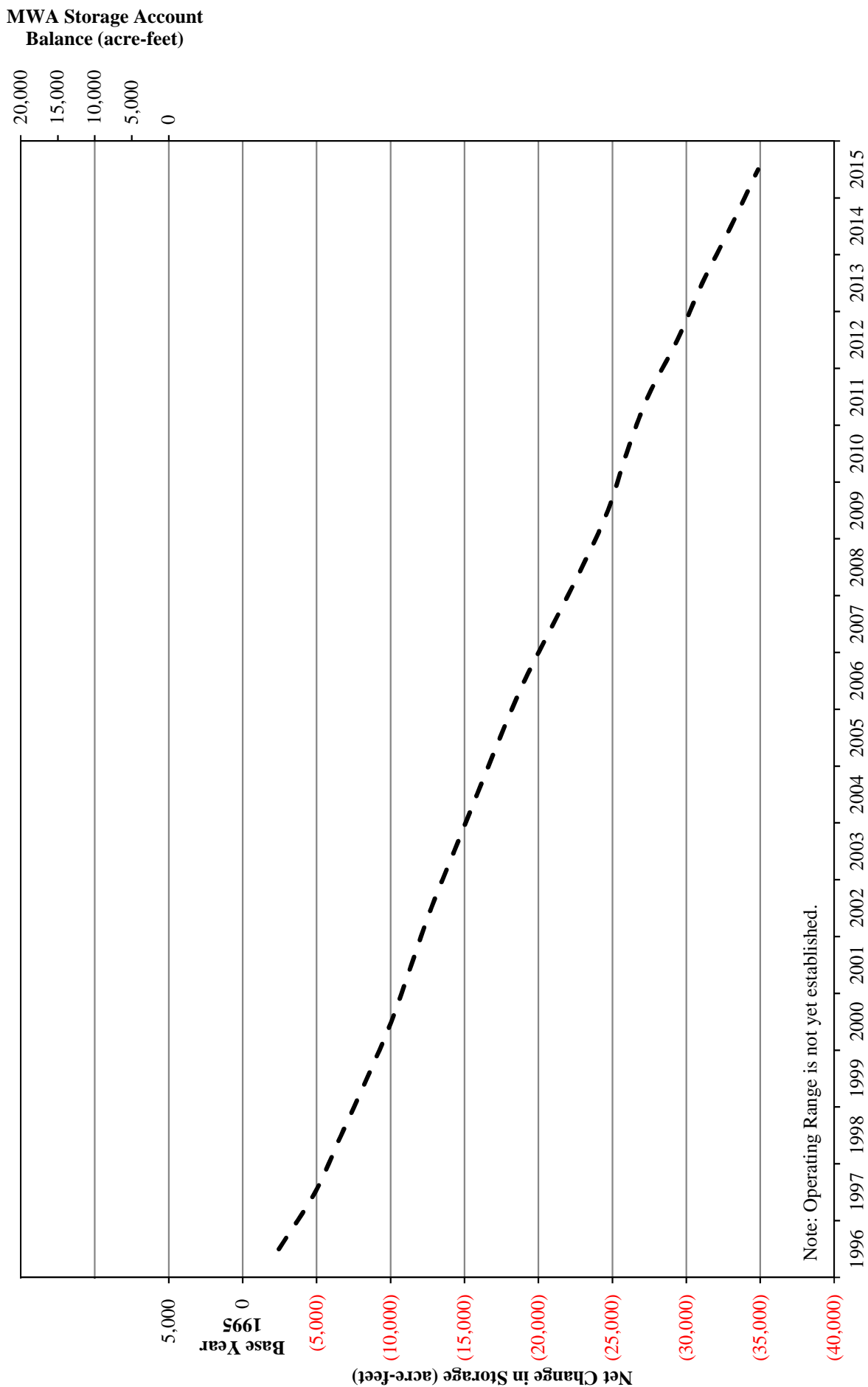
FIGURE 3-19



Source: Consumptive Use for 2012-2015 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2016. Consumptive Use for 1996-2011 per Robert C. Wagner, Watermaster Engineer, and is based on 2012-2014 analysis.

FIGURE 3-20

Oeste Subarea Net Change in Storage and MWA Storage Account Balance Water Years 1996 through 2015



Source: Consumptive Use for 1996-2011 per Robert C. Wagner, Watermaster Engineer. Consumptive Use for 2012-2015 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2016.

FIGURE 3-21

CHAPTER 4

STATUS OF REPLACEMENT WATER AND MAKEUP WATER OBLIGATIONS

Appendix B summarizes each Producer's Replacement Water and Makeup Water Obligations as well as any related assessments due and payable by July 1, 2016.

Replacement Water

Each Producer's Replacement Water Obligation in each Subarea was calculated by subtracting that Producer's 2014-15 share of FPA (plus any transferred or carryover FPA) from that Producer's verified production in 2014-15. Each Producer's Replacement Water Assessment was calculated by multiplying that Producer's Replacement Water Obligation by the 2014-15 Replacement Water Assessment Rate of \$484.00 per acre-foot. In lieu of paying Replacement Water Assessments, a Producer may satisfy a Replacement Water Obligation in a Subarea by acquiring another Producer's Unused FPA from 2014-15 in the same Subarea (subject to any consumptive use adjustments) and reporting such acquisition to the Watermaster on appropriate forms provided by the Watermaster not later than 30 days prior to the regularly scheduled Watermaster Meeting in May 2016. Unused FPA during 2014-15 for each Producer within each Subarea is set forth in Appendix B.

Table 4-1 summarizes the Replacement Water Obligations and Assessments and Unused FPA for 2014-15 in each Subarea.

TABLE 4-1

**SUMMARY OF REPLACEMENT WATER OBLIGATIONS
AND
REPLACEMENT WATER ASSESSMENTS FOR
WATER YEAR 2014-15**

<u>Subarea</u>	<u>Replacement Water Obligations</u> (acre-feet)	<u>Replacement Water Assessments</u>	<u>Unused FPA</u> (acre-feet)
Este	206	\$99,704.00	14,678
Oeste	0	\$0.00	4,934
Alto	13,190	\$6,383,960.00	20,937
Centro	106	\$51,304.00	37,588
Baja	877	\$424,468.00	27,576
Total	14,379	\$6,959,436.00	105,713

Makeup Water

The Base Flow determination of 5,418 acre-feet prepared by the Watermaster Engineer was presented to the Watermaster at the regularly scheduled meeting January 27, 2016. Table 4-2 summarizes the flows credited to each Subarea obligation during Water Year 2014-15, the status of each Subarea at the end of the year and each minimum obligation for Water Year 2014-15. The Makeup Obligation from the Alto Subarea to the Centro Subarea for Water Year 2014-15 is 1,406 acre-feet. Table 4-3 shows the year over year Makeup Obligation from Alto to Centro beginning in Water Year 2005-06.

During the first ten years of implementation of the Judgment, the subsurface flow obligations between Subareas were assumed to be met. Subsequently, Watermaster revisited the subsurface flow assumptions in the Judgment and recommended no changes. Subject to continued monitoring, the Makeup Obligations are assumed to be met.

TABLE 4-2
STATUS OF SUBAREA OBLIGATIONS
AT THE END OF WATER YEAR 2014-15

Subareas	<u>Este</u>	<u>Oeste</u>	<u>Alto</u>	<u>Centro</u>	<u>Baja</u>
			Transition		
Obligation to	Alto	Alto	Zone	Baja	Afton
Average Annual Obligation in acre-feet	200	800	23,000	1,200	400
Status at Beginning of 2014-15					
Cumulative Obligation	4,200	16,800	483,000	25,200	8,400
Cumulative Flow	4,200	16,800	468,411	25,200	6,046
Net cumulative Credit (Debit)	0	0	(14,589)	0	(2,354)
Flow During 2014-15					
Base Flow	---	---	5,418	---	---
Subsurface Flow	200	800	2,000	1,200	249
Other Water	0	0	12,926	0	0
Makeup Water Purchased	<u>0</u>	<u>0</u>	<u>1,513</u>	<u>0</u>	<u>0</u>
Total Flow	200	800	21,857	1,200	249
Minimum Obligations for 2014-15	160	640	23,263	960	2,274
Makeup Obligation Incurred	0	0	1,406	0	2,025
Status at End of 2014-15					
Cumulative Obligation	4,400	17,600	506,000	26,400	8,800
Cumulative Flow	<u>4,400</u>	<u>17,600</u>	<u>490,268</u>	<u>26,400</u>	<u>6,295</u>
Net Cumulative Credit (Debit)	0	0	(15,732)	0	(2,505)
Minimum Obligation for 2015-16					
Annual Minimum	160	640	18,400	960	320
+ 1/3 of Cumulative Debit	0	0	5,244	0	835
+ Additional to reduce Cumulative Debit to Annual Obligation	0	0	0	0	1,270
Alternative Minimum for Alto ¹	---	---	---	---	---
Minimum Obligation for 2015-16	160	640	23,644	960	2,425 ²

1) Annual Minimum minus Cumulative Credit but not less than 15,000 acre-feet.

2) The accounting for the Baja Subarea Obligation is shown for illustrative purposes only. Pursuant to Paragraph 6 of Appendix G of the Judgment, subsurface flow obligations are assumed to have been met. Pursuant to the Court order dated 6/5/2006, Watermaster is relieved of evaluation of the subsurface flow from BAJA across the Mojave Water Agency administrative boundary about six miles upstream of Afton.

TABLE 4-3

**STATUS OF ALTO SUBAREA OBLIGATIONS
WATER YEARS 2005-06 THROUGH 2014-15**

Water Year	<u>2005-06</u>	<u>2006-07</u>	<u>2007-08</u>	<u>2008-09</u>	<u>2009-10</u>	<u>2010-11</u>	<u>2011-12</u>	<u>2012-13</u>	<u>2013-14</u>	<u>2014-15</u>
Average Annual Obligation in acre-feet	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000
Status at Beginning of Water Year										
Cumulative Obligation	276,000	299,000	322,000	345,000	368,000	391,000	414,000	437,000	460,000	483,000
Cumulative Flow	<u>253,768</u>	<u>276,571</u>	<u>299,588</u>	<u>322,253</u>	<u>345,161</u>	<u>370,609</u>	<u>398,148</u>	<u>423,651</u>	<u>447,286</u>	<u>468,411</u>
Net cumulative Credit (Debit)	(22,232)	(22,429)	(22,412)	(22,747)	(22,839)	(20,391)	(15,852)	(13,349)	(12,714)	(14,589)
Flow During Water Year										
Base Flow	7,261	4,942	4,421	4,093	5,849	10,149	8,829	7,325	6,227	5,418
Subsurface Flow	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Other Water	13,542	13,067	13,385	13,609	14,525	14,825	14,674	14,310	12,898	12,926
Makeup Water Purchased	<u>0</u>	<u>3,008</u>	<u>2,859</u>	<u>3,206</u>	<u>3,074</u>	<u>565</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1,513</u>
Total Flow	22,803	23,017	22,665	22,908	25,448	27,539	25,503	23,635	21,125	21,857
Minimum Obligations	25,811	25,876	25,871	25,982	26,013	25,197	23,684	22,850	22,638	23,263
Makeup Obligation Incurred	3,008	2,859	3,206	3,074	565	0	0	0	1,513	1,406
Status at End of Water Year										
Cumulative Obligation	299,000	322,000	345,000	368,000	391,000	414,000	437,000	460,000	483,000	506,000
Cumulative Flow	<u>276,571</u>	<u>299,588</u>	<u>322,253</u>	<u>345,161</u>	<u>370,609</u>	<u>398,148</u>	<u>423,651</u>	<u>447,286</u>	<u>468,411</u>	<u>490,268</u>
Net Cumulative Credit (Debit)	(22,429)	(22,412)	(22,747)	(22,839)	(20,391)	(15,852)	(13,349)	(12,714)	(14,589)	(15,732)
Minimum Obligation for Next Year										
Annual Minimum	18,400	18,400	18,400	18,400	18,400	18,400	18,400	18,400	18,400	18,400
+ 1/3 of Cumulative Debit	7,476	7,471	7,582	7,613	6,797	5,284	4,450	4,238	4,863	5,244
+ Additional to reduce Cumulative Debit to Annual Obligation	0	0	0	0	0	0	0	0	0	0
Alternative Minimum ¹	---	---	---	---	---	---	---	---	---	---
Minimum Obligation for Next Year	25,876	25,871	25,982	26,013	25,197	23,684	22,850	22,638	23,263	23,644

1) Annual Minimum minus Cumulative Credit but not less than 15,000 acre-feet.

CHAPTER 5

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17

Pursuant to paragraph 24 (o) of the Judgment After Trial dated January 10, 1996, the Watermaster is required to make a recommendation to the Court for adjusting the FPA of each Subarea, if necessary.

Exhibit H of the Judgment provides that in the event that the FPA exceeds the estimated Production Safe Yield (PSY) by five percent or more (of the Subarea BAP), Watermaster shall recommend a reduction in FPA equal to a full five percent of the aggregate Subarea BAP.

The Watermaster determined that 1996-97 was an appropriate baseline year to use to update the elements of Table C-1 from the Judgment (see page 40). During the 1998-99 Water Year, the Watermaster retained the engineering firm of Albert A. Webb Associates of Riverside (Webb) to conduct a consumptive water use study as required by the Judgment. The results of the Webb study are summarized in Table 5-1. Watermaster has also prepared an estimate of current consumptive use assuming the demands in 2014-15 are representative of long-term cultural conditions. This estimate is shown on Table 5-2 for comparison.

The following table shows the current FPA for each Subarea and the estimated PSY based on the consumptive use analysis provided by Albert A. Webb in February 2000. Also shown is the verified production for Water Year 2014-15.

<u>Subarea</u>	<u>Base Annual Production</u>	<u>2015-16 FPA</u>	<u>Production Safe Yield</u>	<u>Percent Difference¹</u>	<u>2014-15 Verified Production</u>
Alto	116,412	72,867	69,862	2.6%	68,002
Baja	66,157	34,232	20,679	20.5%	27,452
Centro	51,030	41,155	33,375	15.2%	18,522
Este	20,205	16,376	7,156	45.6%	5,823
Oeste	7,095	5,726	4,052	23.6%	3,424

¹This value represents the percent of BAP that PSY departs from FPA.

The Judgment provides that producers can pump, without replacement water obligations to Watermaster an amount up to the producers' share of the Subarea FPA. Producers who pump in excess of their FPA are required to buy replacement water from Watermaster or purchase unused FPA from another party in the Subarea. The transfer provision of the Judgment, one of

the fundamental underpinnings, allows producers who chose to not pump to sell FPA to those parties who over-pump. This provision allows parties who stipulated to the Judgment the option of compensation in lieu of pumping. The transfer market is a means of equitably allocating the limited supply within a Subarea.

The following summarizes the status of each Subarea and provides the recommendation for setting FPA for Water Year 2016-17.

<u>Subarea</u>	<u>2016-17 FPA Recommendation</u>
Alto - Agriculture	80% of BAP
Alto - Municipal & Industrial	60% of BAP
Baja ¹	45% of BAP
Centro	80% of BAP
Este ²	80% of BAP
Oeste - Agriculture	80% of BAP
Oeste - Municipal & Industrial ³	60% of BAP

1. FPA to be set at 45% of BAP for Water Year 2016-17.
2. FPA to be set at 80% of Base Annual Production for the 2016-17 Water Year. The Este Subarea may be subject to future Rampdown to 65% immediately if water use conditions change.
3. FPA to be set at 80% of BAP for Agriculture and 60% of BAP for Municipal and Industrial Producers for 2016-17 with the reduction held in abeyance (at 80%) and, FPA shall not be reduced until water production exceeds 3,921 acre-feet. Watermaster shall review annually conditions in Oeste and continue to report to the Court and make recommendations as appropriate.

The Judgment provides that producers can pump, without replacement water obligations to Watermaster an amount up to the producers' share of the Subarea FPA. Producers who pump in excess of their FPA are required to buy replacement water from Watermaster or purchase FPA from another party in the Subarea. The transfer provision of the Judgment, one of the fundamental underpinnings, allows producers who chose to not pump to sell FPA to those parties who over-pump. This provision allows parties who stipulated to the Judgment the option of compensation in lieu of pumping. The transfer market is a means of equitably allocating the limited supply within a Subarea.

**Alto – 60% of BAP for M&I
80% of BAP for Agriculture**

It is recommended that FPA in Alto remain unchanged. FPA is within 5% of PSY; water levels within Alto are relatively stable; the Transition Zone water levels are also stable. It is noted that local water level declines in Alto are most likely the result of drier than average water

supply conditions the past several years and not the result of over-pumping. Water production was 78,000 acre-feet in 2013-14 and 68,000 in 2014-15. Conservation, importation of State Water Project water, MWA's R-cubed program, and implementation of the Judgment have resulted in hydrologic balance in Alto. Under the conditions existing at this time Rampdown is unnecessary. The water supply conditions in Alto Subarea are sustainable. However, should drier than average water supply conditions persist, or if localized water level declines result in degraded water quality, poor well performance or well failure or harm to riparian habitat, Watermaster will re-visit Rampdown recommendations in Alto.

Baja – 45% of BAP

Pursuant to the Judgment additional Rampdown in Baja is warranted. FPA exceeds the PSY by more than 5% of BAP and current water production and consumptive use exceeds the average net long-term supply in Baja. Water levels continue to decline. Baja remains in overdraft and the current conditions are unsustainable. In 2015, Watermaster considered extensive public comment from recreational lake owners, agricultural producers, minimal producers and the California Department of Fish and Wildlife regarding Rampdown, hydrologic conditions and various alternative recommendations to the Court for future management in Baja.

Watermaster evaluated the alternatives, considered the comments of the producers and the community at large and presented to the Court a recommendation (reduce FPA by 5% and continue for each of the next four years) consistent with the Judgment as well as asking the Court to consider a Rampdown alternative in lieu of a strict interpretation of the Judgment. The Court heard arguments and considered the alternatives of the producers and the Watermaster and ultimately imposed the 5% FPA reduction.

The current data and conditions in Baja require an additional 5% Rampdown. We note that water production and consumptive use still greatly exceed the available recharge. As reported to the Court in 2015, long term overdraft has resulted in severe depletion in water in storage in Baja to the point where the basin may not be a reliable water supply during periods of extended drought without the actual importation of supplemental water.

In addition to 32,004 acre-feet of FPA for Water Year 2015-16, there is also 27,576 acre-feet of Carryover available to Baja. The Carryover provisions of the Judgment allow the Baja producers to continue to pump in excess of FPA for many years while Rampdown continues. About 1,100,000 acre-feet had been depleted from storage as of 1999 (Stamos 2001). Since 1996 an additional 354,000 acre-feet has been depleted from storage (Figure 3-19).

Centro – 80% of BAP

It is recommended that FPA in Centro be left at 80% of BAP. Conditions in the Centro Subarea are relatively unchanged from year to year. Water levels in areas of pumping decline during dry periods and have always recovered during wet periods. This pattern is expected to continue. Watermaster will re-evaluate conditions in Centro annually and may recommend Rampdown in the future. The conditions in Centro are sustainable.

Este – 80% of BAP

Water levels have remained relatively stable over the past 15 years in Este. For purposes of evaluating trends in water levels and water production we have separated Este into two broad areas; Lucerne Valley and Fifteen Mile Valley. Water levels are trending slightly upward in the area of Lucerne Valley, and slightly downward in the area of Fifteen Mile Valley. Water production in Este last year (5,823 acre-feet) was about 3.3% less than the average for the previous 10 years. At this time, it is recommended that FPA remain at 80% of BAP and the Court ordered stay on Rampdown remain in effect.

Watermaster Engineer completed an evaluation of hydrologic conditions in Este and updated the water budget for the past 19 years since entry of Judgment. The water budget indicates that there is a continuing overdraft in Lucerne Valley and a slight surplus in Fifteen Mile Valley. The water budget conflicts with the water level data. However, the magnitude and source of recharge to Lucerne Valley is uncertain. If the available water level data is representative of the long term conditions in Este Rampdown is not necessary. The water level data suggests that total inflow is about equal to extractions and outflow, however the magnitude of the various components of inflow and outflow are still not well understood.

Watermaster staff and engineer are engaged in party identification and quantification of water production in Este that occurs outside of the Judgment. An estimate of that production is included in the water budget. The effort to quantify production outside of the Judgment is continuing.

Oeste – 80% of BAP for Agriculture 60% of BAP for M&I (stayed at 80% of BAP, Subject to Court Order)

Last year the Court adopted the following:

- 1) “FPA shall remain at 80% of BAP for Agricultural Producers.”

and:

2) “Rampdown shall remain at 60% of BAP for Municipal and Industrial Producers for 2015-16 with the reduction held in abeyance (at 80%) and, FPA shall not be reduced until water production exceeds 3,921 acre-feet. Watermaster shall review annually conditions in Oeste and continue to report to the Court and make recommendations as appropriate.”

The Court requested information from Watermaster on conditions in Oeste and a recommendation for Rampdown as well as resolution regarding the status of Well 14. The Court wrote in its Tentative Ruling:’’As the Oeste Subarea is still in a state of overdraft, the court requests that the recommendation for water year 2016-17 from the Watermaster include further explanation of the stage at which the Watermaster is at in developing a long-term plan for implementing measures to achieve sustainability that takes into account all factors causing overdraft, including Well 14, even if the recommendation for water year 2016-17 is to maintain FPAs at current levels.”

Phelan Piñon Hills CSD’s pumping immediately adjacent to San Bernardino County from its Well 14 in Los Angeles County is likely impacting the water supply to Oeste. Water levels in two wells (05N08W25H01 and 13R01) which are located about 2 miles north of the PPHCSD’s Los Angeles County production well continue falling.

PPHCSD pumped 643 acre-feet from Well 14 in 2014-15. Pumping from this well is not included in PPHCSD’s verified water production as it occurs beyond the administrative limits of the Judgment but occurs within the same physical basin. There is no physical barrier separating the wells pumped by PPHCSD in LA County from those in San Bernardino County, or more specifically, those under the Mojave Judgment to those outside the Judgment’s administrative limits.

We note that PPHCSD, is subject to litigation in Antelope Valley. Watermaster’s position remains that PPHCSD’s Well 14 affects water supply to Oeste and should be subject to the Mojave Basin Area Adjudication. PPHCSD’s Wells 10, 11 and 12 (these wells are located near Well 14 and are part of the Mojave Adjudication), and Well 14 collectively pumped 1,557 acre-feet in 2014-15.

The Court in the Antelope Litigation ruled that PPHCSD did not have a water right to the water of the Antelope Valley groundwater basin. However the Court indicated that PPHCSD could pump up to 1,200 acre-feet (in Antelope Valley from Well 14), and pay for replacement water to the Antelope Valley Watermaster. The Antelope Valley Watermaster is still in the

process of organizing. Replacement water paid to Antelope Valley by PPHCSD may not benefit the Oeste Subarea. The Court's decision is potentially subject to appeal.

In cooperation with the USGS, MWA and Watermaster installed transducers, in September 2015 in wells in Los Angeles County west of PPHCSD and in PPHCSD's Well 14. Watermaster is currently evaluating the data obtained from the transducers. In order to develop and implement a long term plan as directed by the Court, it will be necessary to install recharge basins in this area, conveyance to deliver water to the recharge basins, agreements with the future Antelope Valley Watermaster regarding the purchase and disposition of obligations to PPHCSD for Supplemental Water, and likely to involve future Rampdown to establish sustainability in Oeste. After formation of the Antelope Valley Watermaster, the two Watermasters will be able to confer and develop a plan to deal with pumping, monitoring, and recharge in this area.

We note that a prior agreement with PPHCSD to forestall Rampdown until production in Oeste exceeds 3,921 acre-feet (condition 2 of the current Court Order) excluded production from Well 14. However the Court requested information that includes Well 14. The total production including Well 14 during 2014-15 is 4,067 acre-feet. We also note, that continued Rampdown this year will not result in replacement water assessments due to the excess in FPA and Carryover that exists in Oeste. Further, it will take time to develop recharge facilities and deliver water. Consequently, in the short term water levels will continue falling whether or not Rampdown occurs this year or later.

There are several conflicting issues to be resolved during this next year. 1) long-term decline in water levels in the Oeste Subarea, particularly in the area of PPHCSD's wells 10, 11, 12, and 14, indicate loss of storage; 2) the potential appeal of the Antelope Judgment may affect decisions related to Well 14; 3) the prior agreement to forestall Rampdown limits production to 3,921 acre-feet. The actual production last year was 3,424 acre-feet, however, including Well 14 the trigger was exceeded (4,067 acre feet).

It is recommended that we continue with the current Court Order for 2016-17, but advise that Rampdown is likely to be implemented as early as 2017-18 pursuant to the Judgment and existing or new Court Orders.

**--SAMPLE CALCULATION--
TABLE C-1 OF JUDGMENT**

**Mojave Basin Area Adjudication
Subarea Hydrological Inventory Based On
Long-Term Average Natural Water Supply and Outflow
and Current Year Imports and Consumptive Use
(All Amounts in Acre-Feet)**

WATER SUPPLY	<u>Este</u>	<u>Oeste</u>	<u>Alto</u>	<u>Centro</u>	<u>Baja</u>	<u>Basin Totals</u>
Surface Water Inflow						
Gaged	0	0	65,000	0	0	65,000
Ungaged	1,700	1,500	3,000	37,300 ¹	14,300 ²	6,500 ³
Subsurface Inflow	0	0	1,000	2,000	1,200	0 ⁴
Deep Percolation of Precipitation	0	0	3,500	0	100	3,600
Imports						
Lake Arrowhead CSD	0	0	1,500	0	0	1,500
Big Bear ARWWA	<u>2,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,000</u>
TOTAL	3,700	1,500	74,000	39,300	15,600	78,600
CONSUMPTIVE USE AND OUTFLOW						
Surface Water Outflow						
Gaged	0	0	0	0	8,200	8,200
Ungaged	0	0	37,300 ¹	14,000 ⁵	0	0
Subsurface Outflow	200	800	2,000	1,200	0	0
Consumptive Use						
Agriculture	6,800	2,900	16,300	20,300	30,200	76,500
Urban	1,900	1,200	36,300	9,500	9,700	58,600
Phreatophytes	0	0	5,100	900	1,500	7,500 ⁶
Exports	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	8,900	4,900	97,000	45,900	49,600	150,800
 Surplus / (Deficit)	 (5,200)	 (3,400)	 (23,000)	 (6,600)	 (34,000)	 (72,200)
Total Estimated Production (Current Year) ⁷	<u>15,700</u>	<u>7,600</u>	<u>98,900</u>	<u>46,500</u>	<u>54,300</u>	<u>223,000</u>
 PRODUCTION SAFE YIELD (Current Year) ⁷	 10,500	 4,200	 75,900	 39,900	 20,300	 150,800

¹ Estimated from reported flows at USGS gaging station, Mojave River at Victorville Narrows.

² Includes 14,000 acre-feet of Mojave River surface flow across the Waterman Fault estimated from reported flows at USGS gaging station, Mojave River at Barstow and 300 acre-feet of local surface inflow from Kane Wash.

³ Represents the sum of Este (1,700 af), Oeste (1,500 af), Alto (3,000 af) and Baja (300 af from Kane Wash).

⁴ Inter subarea subsurface flows do not accrue to the total basin water supply.

⁵ Estimated from reported flows at USGS gaging station, Mojave River at Barstow.

⁶ Estimated by Bookman-Edmonston.

⁷ For purposes of this Table, the current year is 1990.

TABLE 5-1

**SUBAREA HYDROLOGICAL INVENTORY BASED ON
LONG TERM AVERAGE NATURAL WATER SUPPLY AND OUTFLOW
AND 1996-97 IMPORTS AND CONSUMPTIVE USE**

(ALL AMOUNTS IN ACRE-FEET)

WATER SUPPLY	<u>Este</u>	<u>Oeste</u>	<u>Alto</u>	<u>Centro</u>	<u>Baja</u>	<u>Basin Totals</u>
Surface Water Inflow						
Gaged	0	0	65,500	0	0	65,500
Ungaged	1,700	1,500	3,600	34,700 ¹	14,400 ²	7,200 ³
Subsurface Inflow	0	0	1,175	2,000	1,200	0 ⁴
Deep Percolation of Precipitation	0	0	3,500	0	100	3,600
Imports						
Lake Arrowhead CSD	0	0	1,620	0	0	1,620
Big Bear Area RWA	2,630	0	0	0	0	2,630
TOTAL	4,330	1,500	75,395	36,700	15,700	80,550
CONSUMPTIVE USE AND OUTFLOW						
Surface Water Outflow						
Gaged	0	0	0	0	8,200	8,200
Ungaged	0	0	34,700 ¹	14,000 ⁵	0	0
Subsurface Outflow	825	350	2,000	1,200	0	0
Consumptive use						
Agriculture	3,900	2,300	7,900	13,000	20,800	47,900
Urban ⁶	2,200	1,300	40,700	8,500	7,900	60,600
Phreatophytes	0	0	11,000	3,000	2,000	16,000 ⁷
Exports	0	0	0	0	0	0
TOTAL	6,925	3,950	96,300	39,700	38,900	132,700
Surplus / (Deficit)	(2,595)	(2,450)	(20,905)	(3,000)	(23,200)	(52,150)
Total Estimated Production (Current Year) ⁸	9,751	6,502	90,767	36,375	43,879	187,274
PRODUCTION SAFE YIELD (Current Year) ⁹	7,156	4,052	69,862	33,375	20,679	135,124

¹ Estimated from reported flows at USGS gaging station, Mojave River at Victorville Narrows.

² Includes 14,000 acre-feet of Mojave River surface flow across the Waterman Fault estimated from reported flows at USGS gaging station, Mojave River at Barstow, and 400 acre-feet of local surface inflow from Kane Wash and Boom Creek.

³ Represents the sum of Este (1,700 ac.ft.), Oeste (1,500 ac.ft.), Alto (3,600 ac.ft.) and Baja (400 ac.ft. from Kane Wash and Boom Creek).

⁴ Inter subarea subsurface flows do not accrue to the total basin water supply.

⁵ From reported flows at USGS gaging station, Mojave River at Barstow.

⁶ Includes consumptive use of "Minimals Pool".

⁷ From USGS Water-Resources Investigation Report 96-4241 "Riparian Vegetation and Its Water Use During 1995 Along the Mojave River, Southern California" 1996.

⁸ Based on data in "Fourth Annual Report of the Mojave Basin Area Watermaster, Water Year 1996-97" April 1, 1998.

Included in the production values are the estimated minimal producer's water use by Subarea.

⁹ For 1996-97 Water Year. Imported State Water Project water purchased by MWA (4,501 acre-feet) is not reflected in the above table.

TABLE 5-2
SUBAREA HYDROLOGICAL INVENTORY BASED ON
LONG TERM AVERAGE NATURAL WATER SUPPLY AND OUTFLOW
AND 2014-15 IMPORTS AND CONSUMPTIVE USE
(ALL AMOUNTS IN ACRE-FEET)

WATER SUPPLY	<u>Este</u>	<u>Oeste</u>	<u>Alto</u>	<u>Centro</u>	<u>Baja</u>	<u>Basin Totals</u>
Surface Water Inflow						
Gaged	0	0	65,500	0	0	65,500
Ungaged	1,700	1,500	3,600	34,700 ¹	17,153 ²	7,547 ³
Other Ungaged	0	0	0	0	205 ⁴	205
Subsurface Inflow	0	0	1,000	2,000	1,581 ⁵	0 ⁶
Deep Percolation of Precipitation	0	0	3,500	0	100	3,600
Imports						
Replacement Water Deliveries	0	0	5,111	0	0	5,111
Water Storage Accounts ⁷	0	0	2,095	0	0	2,095
Lake Arrowhead CSD	0	0	773	0	0	773
Big Bear Area RWA	2,001	0	0	0	0	2,001
TOTAL	3,701	1,500	81,579	36,700	19,039	86,832
CONSUMPTIVE USE AND OUTFLOW						
Surface Water Outflow						
Gaged	0	0	0	0	5,611 ⁸	5,611
Ungaged	0	0	34,700 ¹	16,406 ⁹	0	0
Subsurface Outflow	200	800	2,000	1,581	0	0
Consumptive use						
Agriculture	3,900	800	300	5,800	14,500	25,300
Urban ¹⁰	1,600	1,100	37,800	5,800	4,800	51,100
Phreatophytes	0	0	11,000	3,000	2,000	16,000 ¹¹
Exports	0	0	0	0	0	0
TOTAL	5,700	2,700	85,800	32,587	26,911	98,011
Surplus / (Deficit)	(1,999)	(1,200)	(4,221)	4,113	(7,872)	(11,179)
Total Estimated Production (Current Year) ¹²	6,777	3,662	71,328	20,075	29,680	131,522
PRODUCTION SAFE YIELD (Current Year) ¹³	4,778	2,462	67,107	24,188	21,808	120,343

1 Estimated from reported flows at USGS gaging station, Mojave River at Victorville Narrows.

2 Estimated from reported flows at USGS gaging station, Mojave River at Barstow. Includes 16,406 af of Mojave River surface flow across the Waterman Fault estimated by "Evaluations of Potential Mojave River Recharge Losses between Barstow and Waterman Fault", Wagner & Bonsignore, 2012 (see Appendix A, Table 6), and 747 af of local surface inflow from Kane Wash and Boom Creek.

3 Represents the sum of Este (1,700 af), Oeste (1,500 af), Alto (3,600 af) and Baja (747 af from Kane Wash and Boom Creek).

4 Estimated contribution from washes (Wagner, 2011).

5 USGS Stamos 2001.

6 Inter subarea subsurface flows do not accrue to the total basin water supply.

7 Water that was pre-purchased under the MWA Claim Program.

8 Based on stormflow at Afton for water years 1931, 1953-78, 1981-1990 (from USGS) 1979-1980 estimated by Hanson Engineering 1992 plus base flow of 137 af (Watermaster 2010).

9 Estimated from reported flows at USGS gaging station, Mojave River at Barstow (see note #2 above).

10 Includes consumptive use of "Minimals Pool" (estimated Minimal's production is 7,077 af).

11 From USGS Water-Resources Investigation Report 96-4241 "Riparian Vegetation and Its Water Use During 1995 Along the Mojave River, Southern California" 1996.

12 Based on Water Production Data for the 2014-15 Water Year. Included in the production values are the estimated minimal producer's water use by Subarea. Total Basin Agriculture is 38,777 af and Total Basin Urban is 92,745 af (includes sequential uses by Jess Ranch of 1,222 af).

13 For 2014-15 Water Year. Imported State Water Project water purchased by MWA is not reflected in the above table.

CHAPTER 6

FINANCIAL REPORT PROPOSED BUDGET AND ASSESSMENT RATES

Income Statement - Balance Sheet Summary

	<u>2014</u>	<u>2015</u>
Operating Revenue	\$ 2,433,774.00	\$ 2,887,177.00
Operating Expenses	2,219,140.00	2,739,385.00
Non-operating Revenue (Expense)		
Investment Earnings	2,230.00	2,384.00
Miscellaneous	(235,014.00)	(118,536.00)
Change in Net Assets	(\$ 18,150.00)	\$ 31,640.00

The Auditor's Report for Fiscal Year 2014-15 ending June 30, 2015 is presented in Appendix G and includes a summary of the significant categories of receivables and other current assets.

Biological Resources Trust Fund Summary

The Biological Resources Trust Fund balance as of June 30, 2015 was \$476,299.00.

Administrative Budget for 2016-17

The Administrative Budget for 2016-17 is \$414,486 and is shown on Table 6-1.

Summary of Makeup Water Purchases

The Watermaster purchased 6 acre-feet of Makeup water during the 2014-15 Water Year for the Centro Subarea.

Summary of Replacement Water Purchases

Replacement water purchases by Watermaster during 2014-15 are as follows:

Alto ¹	8,652	acre-feet
Baja	12	acre-feet
Centro	0	acre-feet
Este	8	acre-feet
Oeste	0	acre-feet
Total	8,621	acre-feet

¹ 2,095 acre-feet of Alto Replacement water was pre-purchased under the MWA Claim Program.
1,447 acre-feet was pre-stored under a storage agreement.

Administrative and Biological Assessment Rates for 2016-17

The Administrative and Biological Assessment Rates for 2016-17 adopted by the Watermaster on March 23, 2016 are as follows:

Administrative	\$ 3.55 per acre-foot of Production
Biological Resources	\$ 0.88 per acre-foot of Production

Projected Replacement and Makeup Water Assessment Rates for 2015-16 and 2016-17

The Replacement and Makeup Water Assessment Rates projected by the Watermaster on March 23, 2016 are as follows:

Replacement and Makeup Water Rate

2015-16	<i>Not to Exceed</i> \$531.00 per acre-foot ¹ (Invoice Date 6-1-2017)
2016-17	\$558.00 per acre-foot (projected) ² (Invoice Date 6-1-2018)

- ^{1.} This rate is for obligations incurred in the 2015-16 Water Year which will be billed in June 2017. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency in February 2017.
- ^{2.} This is a projected rate for obligations incurred in the 2016-17 Water Year which will be billed in June 2018. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency in February 2018.

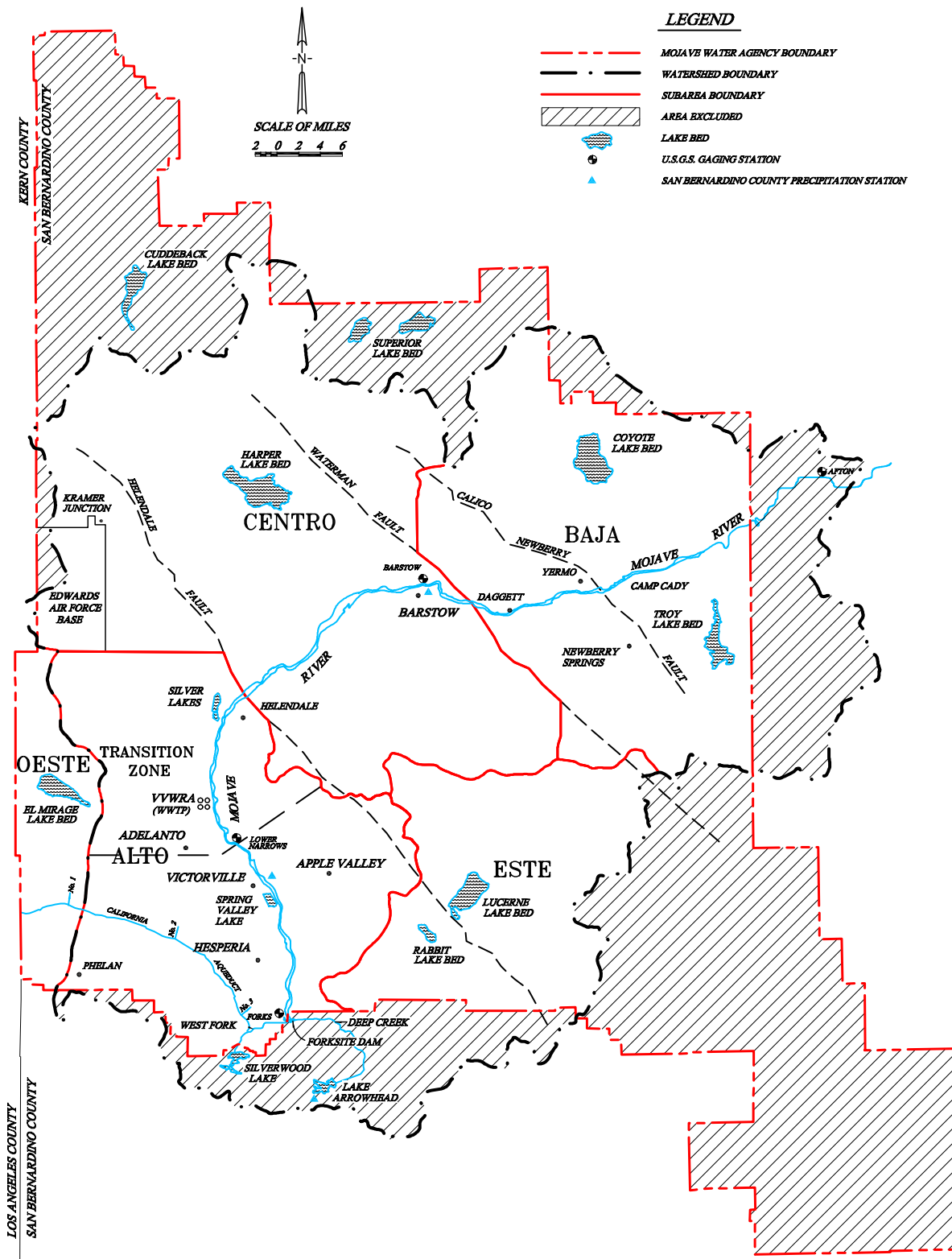
TABLE 6-1

**MOJAVE BASIN AREA WATERMASTER
ADMINISTRATIVE BUDGET
FOR WATER YEAR 2016-17**

1.	Administrative Services	\$ 296,986.00
2.	Engineering Services	\$ 73,500.00
3.	Legal Services	\$ 37,000.00
4.	Audit Services	\$ 7,000.00
Total Estimated Budget		<u>\$ 414,486.00</u>

APPENDIX A

MAP OF THE MOJAVE BASIN AREA



APPENDIX B

PRODUCER REPLACEMENT WATER AND MAKEUP WATER OBLIGATIONS

AND ASSESSMENTS DUE FOR 2014-15

APPENDIX B
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2014-15

(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ESTE SUBAREA

PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2013-14 CARRYOVER ³	2014-15 FPA ⁴							WATER	WATER		
												\$484.00/AF	N/A		
ABDUL, HARRY AND ANITA	194	156	156	0	0	312	1	156	0	1	0.00	0.00	0.00	0.00	
ABSHIRE, DAVID V.	24	20	20	0	0	40	1	20	0	1	0.00	0.00	0.00	0.00	
AHN REVOCABLE TRUST	28	23	10	0	0	33	19	14	0	19	0.00	0.00	0.00	0.00	
ANDERSON, ROSS C. AND BETTY J.	34	28	28	0	0	56	0	28	0	0	0.00	0.00	0.00	0.00	
AVILA, ANGEL AND EVALIA	573	459	459	(459)	0	459	190	269	0	190	0.00	0.00	0.00	0.00	
BAR H MUTUAL WATER COMPANY	53	43	43	0	0	86	21	43	0	21	0.00	0.00	0.00	0.00	
BELL, CHUCK	494	396	347	0	0	743	348	395	0	348	0.00	0.00	0.00	0.00	
BRACHT, WILLIAM F. AND ALEXANDER, ALICIA M.	50	40	40	0	0	80	27	40	0	27	0.00	0.00	0.00	0.00	
CAMPBELL FAMILY TRUST	597	478	478	459	0	1,415	1,024	391	0	1,024	0.00	0.00	0.00	0.00	
CASA COLINA FOUNDATION	90	72	28	0	0	100	65	35	0	65	0.00	0.00	0.00	0.00	
CENTER WATER COMPANY	40	32	15	0	0	47	21	26	0	21	0.00	0.00	0.00	0.00	
CLUB VIEW PARTNERS	1,276	1,021	1,021	(27)	0	2,015	0	1,021	0	0	0.00	0.00	0.00	0.00	
CROSS, SHARON I.	23	19	19	0	0	38	1	19	0	1	0.00	0.00	0.00	0.00	
DAHLQUIST, GEORGE R.	594	476	476	0	0	952	0	476	0	0	0.00	0.00	0.00	0.00	
DESERT DAWN MUTUAL WATER COMPANY	15	12	0	8	0	20	19	1	0	19	0.00	0.00	0.00	0.00	
DESERT SPRINGS MUTUAL WATER COMPANY	78	63	63	0	0	126	35	63	0	35	0.00	0.00	0.00	0.00	
DJC CORPORATION	66	53	53	0	0	106	0	53	0	0	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	2,201	1,761	1,761	0	0	3,522	0	1,761	0	0	0.00	0.00	0.00	0.00	
GAETA, MIGUEL AND MARIA	1,500	1,200	970	0	0	2,170	1,162	1,008	0	1,162	0.00	0.00	0.00	0.00	
GAETA, TRINIDAD	512	410	410	0	0	820	1	410	0	1	0.00	0.00	0.00	0.00	
GAYJIKIAN, SAMUEL AND HAZEL	102	82	82	0	0	164	1	82	0	1	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	178	143	143	0	0	286	125	143	0	125	0.00	0.00	0.00	0.00	
GORDON ACRES WATER COMPANY	54	44	44	0	0	88	17	44	0	17	0.00	0.00	0.00	0.00	
GUBLER, HANS	30	24	24	0	0	48	9	24	0	9	0.00	0.00	0.00	0.00	
HAL-DOR LTD.	23	19	19	0	0	38	12	19	0	12	0.00	0.00	0.00	0.00	
HARVEY, LISA M.	700	560	560	0	0	1,120	0	560	0	0	0.00	0.00	0.00	0.00	
HERT, SCOTT	276	221	221	0	0	442	180	221	0	180	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	442	354	354	0	0	708	115	354	0	115	0.00	0.00	0.00	0.00	
HITCHIN LUCERNE, INC.	16	13	13	0	0	26	9	13	0	9	0.00	0.00	0.00	0.00	
JUBILEE MUTUAL WATER COMPANY	142	114	79	0	0	193	102	91	0	102	0.00	0.00	0.00	0.00	
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	30	2	0	0	32	64	0	32	32	0.00	15,488.00	0.00	15,488.00	
KIM, JU SANG	30	24	24	0	0	48	1	24	0	1	0.00	0.00	0.00	0.00	
LEE, DOO HWAN	78	63	63	0	0	126	0	63	0	0	0.00	0.00	0.00	0.00	
LOPEZ, BALTAZAR	385	308	308	0	0	616	0	308	0	0	0.00	0.00	0.00	0.00	
LUA, MICHAEL T. AND DONNA S.	348	279	279	0	0	558	0	279	0	0	0.00	0.00	0.00	0.00	
LUCERNE VALLEY MUTUAL WATER COMPANY	54	44	44	0	0	88	35	44	0	35	0.00	0.00	0.00	0.00	

APPENDIX B

MARCH 23, 2016

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2014-15
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ESTE SUBAREA

PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER N/A	TOTAL	
				2013-14	2014-15										
				CARRYOVER ³	FPA ⁴										
LUCERNE VALLEY PARTNERS	1,213	971	971	0	0	1,942	0	971	0	0	0.00	0.00	0.00	0.00	
LUCERNE VISTA MUTUAL WATER COMPANY	21	17	14	0	0	31	17	14	0	17	0.00	0.00	0.00	0.00	
M.B. LANDSCAPING AND NURSERY, INC.	1,773	1,419	1,328	(37)	0	2,710	1,050	1,419	0	1,050	0.00	0.00	0.00	0.00	
MITSUBISHI CEMENT CORPORATION	1,395	1,116	1,116	(83)	0	2,149	432	1,116	0	432	0.00	0.00	0.00	0.00	
MONACO INVESTMENT COMPANY	70	56	56	0	0	112	0	56	0	0	0.00	0.00	0.00	0.00	
MOSS, LAWRENCE W. AND HELEN J.	43	35	35	0	0	70	14	35	0	14	0.00	0.00	0.00	0.00	
NORRIS TRUST, MARY ANN	73	59	59	0	0	118	1	59	0	1	0.00	0.00	0.00	0.00	
OMYA CALIFORNIA, INC.	23	19	5	0	0	24	21	3	0	21	0.00	0.00	0.00	0.00	
PAK, KAE SOO AND MYONG HUI KANG	247	198	198	0	0	396	113	198	0	113	0.00	0.00	0.00	0.00	
PETTIGREW, DAN	22	18	18	0	0	36	0	18	0	0	0.00	0.00	0.00	0.00	
PETTIGREW, JAMES AND CHERLYN	500	400	400	0	0	800	132	400	0	132	0.00	0.00	0.00	0.00	
REED, MIKE	58	47	47	0	0	94	1	47	0	1	0.00	0.00	0.00	0.00	
ROBERTSON'S READY MIX	0	0	0	0	0	0	60	0	60	0	0.00	29,040.00	0.00	29,040.00	
ROYAL WAY	200	160	160	0	0	320	48	160	0	48	0.00	0.00	0.00	0.00	
SABA, SABA A. AND SHIRLEY L.	1,120	896	896	0	0	1,792	0	896	0	0	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 29	40	32	0	0	0	32	59	0	27	32	0.00	13,068.00	0.00	13,068.00	
SEALS, WILLIAM AND TIBBETT, VICKI SEALS	33	27	27	0	0	54	0	27	0	0	0.00	0.00	0.00	0.00	
SON'S RANCH	140	112	112	0	0	224	53	112	0	53	0.00	0.00	0.00	0.00	
SPECIALTY MINERALS, INC.	42	34	0	0	0	34	40	0	6	34	0.00	2,904.00	0.00	2,904.00	
SPILLMAN, JAMES R. AND NANCY J.	23	19	19	0	0	38	7	19	0	7	0.00	0.00	0.00	0.00	
THE CUSHENBURY TRUST, C/O SPECIALTY MINERALS, INC.	10	8	8	(8)	0	8	1	7	0	1	0.00	0.00	0.00	0.00	
VIROSTECK, STEVE AND JULIE	56	45	45	0	0	90	2	45	0	2	0.00	0.00	0.00	0.00	
WEISER, ET AL.	90	72	0	0	0	72	153	0	81	72	0.00	39,204.00	0.00	39,204.00	
WEST END MUTUAL WATER COMPANY	30	24	24	(8)	0	40	14	24	0	14	0.00	0.00	0.00	0.00	
WILSHIRE ROAD PARTNERS	692	554	554	0	0	1,108	0	554	0	0	0.00	0.00	0.00	0.00	
TOTAL	19,251	15,422	14,748	(155)	0	30,015	5,823	14,678	206	5,617	0.00	99,704.00	0.00	99,704.00	

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OESTE SUBAREA

PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER N/A	TOTAL
				2013-14	2014-15									
				CARRYOVER ³	FPA ⁴									
AEROCHEM, INC.	660	528	528	(500)	0	556	11	528	0	11	0.00	0.00	0.00	0.00
AQUA CAPITAL MANAGEMENT, LP	0	0	744	0	0	744	0	0	0	0	0.00	0.00	0.00	0.00
BROWN, SUE AND DOUG	46	37	37	0	0	74	0	37	0	0	0.00	0.00	0.00	0.00
CHAMISAL MUTUAL WATER COMPANY	96	77	77	0	0	154	25	77	0	25	0.00	0.00	0.00	0.00
DOSSEY, D. A.	7	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
HANDRINOS, NICOLE A.	7	6	6	0	0	12	1	6	0	1	0.00	0.00	0.00	0.00
HETTINGA, HEIN AND ELLEN	1,209	968	368	500	0	1,836	1,422	414	0	1,422	0.00	0.00	0.00	0.00
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 10)	4,680	3,744	2,026	0	0	5,770	1,957	3,744	0	1,957	0.00	0.00	0.00	0.00
THORESON, ROBERT F. AND KATHLEEN	40	32	32	0	0	64	0	32	0	0	0.00	0.00	0.00	0.00
TROEGER FAMILY TRUST, RICHARD H.	112	90	90	0	0	180	8	90	0	8	0.00	0.00	0.00	0.00
TOTAL	6,857	5,488	3,914	0	0	9,402	3,424	4,934	0	3,424	0.00	0.00	0.00	0.00

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ALTO SUBAREA

PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP ⁹ OBLIGATION	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER \$484.00/AF	TOTAL	
				2013-14	2014-15										
				CARRYOVER ³	FPA ⁴										
ABBOTT FAMILY TRUST	0	0	114	(114)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
ABBOTT, CARRON (FORMERLY: ABBOTT FAMILY TRUST)	12	10	0	0	0	10	2	8	0	2	0.05	0.00	24.20	24.20	
ADELANTO, CITY OF	4,366	2,620	0	299	0	2,919	3,773	0	854	2,919	74.51	413,336.00	36,062.84	449,398.84	
ADES, JOHN AND DEVON	37	30	25	(25)	0	30	5	25	0	5	0.13	0.00	62.92	62.92	
AGCON, INC.	384	231	0	0	0	231	183	48	0	183	4.67	0.00	2,260.28	2,260.28	
AMERICAN STATES WATER COMPANY	1,000	600	600	(600)	0	600	0	600	0	0	0.00	0.00	0.00	0.00	
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	101	5	0	0	106	89	17	0	89	2.27	0.00	1,098.68	1,098.68	
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	75	0	0	0	75	101	0	26	75	1.91	12,584.00	924.44	13,508.44	
APPLE VALLEY RANCHOS WATER COMPANY	13,610	8,166	672	2,150	78	11,066	8,990	2,076	0	8,990	229.47	0.00	111,063.48	111,063.48	
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	22	0	0	0	22	23	0	1	22	0.56	484.00	271.04	755.04	
APPLE VALLEY, TOWN OF	1,082	650	420	(420)	(63)	587	330	257	0	330	8.42	0.00	4,075.28	4,075.28	
AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE	1,077	862	0	0	(862)	0	0	0	0	0	0.00	0.00	0.00	0.00	
AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL	185	411	0	0	(411)	0	0	0	0	0	0.00	0.00	0.00	0.00	
BASS TRUST, NEWTON T.	514	412	410	(410)	0	412	2	410	0	2	0.05	0.00	24.20	24.20	
BASTIANON REVOCABLE TRUST	77	62	61	(61)	0	62	1	61	0	1	0.03	0.00	14.52	14.52	
BEEBE, ROBERT W. AND DOROTHY K.	6	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
BEINSCHROTH FAMILY TRUST	700	560	497	(497)	0	560	90	470	0	90	2.30	0.00	1,113.20	1,113.20	
BEINSCHROTH, A. J.	100	80	42	(42)	0	80	22	58	0	22	0.56	0.00	271.04	271.04	
BROWN, BOBBY G. AND VALERIA R.	42	34	34	(32)	0	36	2	34	0	2	0.05	0.00	24.20	24.20	
BROWN, JENNIFER	41	33	29	(29)	0	33	5	28	0	5	0.13	0.00	62.92	62.92	
BRUNEAU, KAREN	10	8	8	0	0	16	3	8	0	3	0.08	0.00	38.72	38.72	
BRYANT, IAN	29	24	0	0	0	24	0	24	0	0	0.00	0.00	0.00	0.00	
BUNNELL, DICK	24	20	18	(18)	0	20	2	18	0	2	0.05	0.00	24.20	24.20	
CALMAT COMPANY	25	15	11	(11)	0	15	4	11	0	4	0.10	0.00	48.40	48.40	
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	1,265	0	0	(683)	582	1,211	0	629	582	14.86	304,436.00	7,192.24	311,628.24	
CDFW - MOJAVE RIVER FISH HATCHERY (SEE NOTE 11)	20	16	0	0	0	16	20	0	0	0	0.00	0.00	0.00	0.00	
CEMEX, INC.	1,499	900	0	0	0	900	1,396	0	496	900	22.97	240,064.00	11,117.48	251,181.48	
CUNNINGHAM, JERRY (FORMERLY: ABBOTT FAMILY TRUST)	33	27	0	0	0	27	0	27	0	0	0.00	0.00	0.00	0.00	
DAILY, DAVID O. AND ELIZABETH (SEE NOTE 12)	0						1								
DOLCH, ROBERT AND JUDY	100	80	73	(73)	0	80	4	76	0	4	0.10	0.00	48.40	48.40	
DORA LAND, INC.	15	12	12	(12)	0	12	0	12	0	0	0.00	0.00	0.00	0.00	
ELISABELLA, LLC	65	52	50	(50)	0	52	0	52	0	0	0.00	0.00	0.00	0.00	
EVENSON, EDWIN H. AND JOYCELAINE C.	70	56	56	0	0	112	1	56	0	1	0.03	0.00	14.52	14.52	

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER \$484.00/AF	TOTAL	
				2013-14 CARRYOVER ³	2014-15 FPA ⁴										
FEDERAL BUREAU OF PRISONS, VICTORVILLE	686	412	0	0	(412)	0	0	0	0	0	0.00	0.00	0.00	0.00	
FISCHER REVOCABLE LIVING TRUST	36	29	28	(28)	0	29	1	28	0	1	0.03	0.00	14.52	14.52	
FISHER TRUST, JEROME R. (SEE NOTE 15)	633	507	507	(507)	0	507	33	441	0	66	1.68	0.00	813.12	813.12	
FITZWATER, R. E. (SEE NOTE 12)	291						20								
FRAZIER, ET AL.	50	40	40	(40)	0	40	0	40	0	0	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	940	564	89	200	0	853	877	0	24	853	21.77	11,616.00	10,536.68	22,152.68	
GREEN ACRES ESTATES	25	15	15	0	0	30	6	15	0	6	0.15	0.00	72.60	72.60	
GULBRANSON, MERLIN	5	4	4	0	0	8	0	4	0	0	0.00	0.00	0.00	0.00	
HAAS, BRYAN C. AND HINKLE, MARY H.	9	8	8	(8)	0	8	0	8	0	0	0.00	0.00	0.00	0.00	
HALANNA EQUITIES III	19	16	16	(16)	0	16	3	13	0	3	0.08	0.00	38.72	38.72	
HAMILTON FAMILY TRUST	108	87	69	(69)	0	87	12	75	0	12	0.31	0.00	150.04	150.04	
HARRISON, CONNIE AND HAROLD	0	0	4	(4)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
HELENDALE COMMUNITY SERVICES DISTRICT	3,707	2,225	577	(493)	0	2,309	1,523	786	0	1,523	38.88	0.00	18,817.92	18,817.92	
HELENDALE SCHOOL DISTRICT	18	11	11	0	0	22	6	11	0	6	0.15	0.00	72.60	72.60	
HESPERIA - GOLF COURSE, CITY OF	678	407	0	0	0	407	497	0	90	407	10.39	43,560.00	5,028.76	48,588.76	
HESPERIA VENTURE I, LLC	0	0	0	0	0	0	1	0	1	0	0.00	484.00	0.00	484.00	
HESPERIA WATER DISTRICT	13,688	8,213	0	152	0	8,365	12,945	0	4,580	8,326	212.53	2,216,720.00	102,864.52	2,319,584.52	
HESPERIA, CITY OF	6,736	3,742	3,742	(3,742)	0	3,742	0	3,742	0	0	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	149	90	76	(76)	0	90	15	75	0	15	0.38	0.00	183.92	183.92	
HOLWAY JEFFREY R AND PATRICIA GAGE	8	7	7	(7)	0	7	0	7	0	0	0.00	0.00	0.00	0.00	
HOLWAY, JEFFREY R	11	9	9	(9)	0	9	0	9	0	0	0.00	0.00	0.00	0.00	
HUNT, CONNIE (FORMERLY: ABBOTT FAMILY TRUST)	66	53	0	0	0	53	0	53	0	0	0.00	0.00	0.00	0.00	
JAMBOREE HOUSING CORPORATION	0	0	0	52	0	52	43	0	0	43	1.10	0.00	532.40	532.40	
JESS RANCH WATER COMPANY	7,230	4,338	2,785	(2,785)	0	4,338	1,184	3,154	0	1,184	30.22	0.00	14,626.48	14,626.48	
JOHNSON, CARLEAN	23	19	20	(9)	9	39	29	10	0	29	0.74	0.00	358.16	358.16	
JOHNSON, RONALD	31	25	25	(25)	0	25	0	25	0	0	0.00	0.00	0.00	0.00	
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	102	96	(96)	0	102	3	99	0	3	0.08	0.00	38.72	38.72	
KANESAKA, KENJI AND YUKARI	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
KEMPER CAMPBELL RANCH	473	379	174	(174)	0	379	185	194	0	185	4.72	0.00	2,284.48	2,284.48	
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	527	527	(527)	0	527	0	527	0	0	0.00	0.00	0.00	0.00	
LANGLEY, JAMES	5	4	4	(4)	0	4	0	4	0	0	0.00	0.00	0.00	0.00	
LAWSON, ERNEST AND BARBARA	15	12	10	(10)	0	12	1	11	0	1	0.03	0.00	14.52	14.52	
LENHERT, RONALD AND TONI	37	30	30	0	0	60	8	30	0	8	0.20	0.00	96.80	96.80	
LHC ALLIGATOR, LLC	498	399	399	(399)	0	399	0	399	0	0	0.00	0.00	0.00	0.00	

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP ⁹ OBLIGATION	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER \$484.00/AF	TOTAL	
				2013-14 CARRYOVER ³	2014-15 FPA ⁴										
LOUNSBURY, J. PETER AND CAROLYN (SEE NOTE 13)	181	145	145	0	0	290	0	145	0	0	0.00	0.00	0.00	0.00	
LOW, DEAN	199	160	160	(160)	0	160	0	160	0	0	0.00	0.00	0.00	0.00	
LUCKEY, MANLEY J.	300	240	0	0	(9)	231	137	94	0	137	3.50	0.00	1,694.00	1,694.00	
MARIANA RANCHOS COUNTY WATER DISTRICT	245	147	0	0	0	147	189	0	42	147	3.75	20,328.00	1,815.00	22,143.00	
MCINNIS, WILLIAM S.	30	24	10	(10)	0	24	11	13	0	11	0.28	0.00	135.52	135.52	
MCKINNEY, PAULA (FORMERLY: ABBOTT FAMILY TRUST)	33	27	0	0	0	27	0	27	0	0	0.00	0.00	0.00	0.00	
MLH, LLC	13	11	11	(11)	0	11	4	7	0	4	0.10	0.00	48.40	48.40	
NAVAJO MUTUAL WATER COMPANY	88	53	53	0	0	106	26	53	0	26	0.66	0.00	319.44	319.44	
NUÑEZ, LUIS SEGUNDO	0	0	0	0	0	0	1	0	1	0	0.00	484.00	0.00	484.00	
NUNN, DONALD AND PEARL	36	29	28	(28)	0	29	1	28	0	1	0.03	0.00	14.52	14.52	
ORO GRANDE SCHOOL DISTRICT	107	65	65	0	0	130	18	65	0	18	0.46	0.00	222.64	222.64	
PEARSON, DERYL B.	22	18	18	0	0	36	0	18	0	0	0.00	0.00	0.00	0.00	
PERRY REVOCABLE LIVING TRUST, THOMAS AND PATRICIA (FORMERLY: PERRY, THOMAS A.)	0	0	3	(3)	0	0	1	0	1	0	0.00	484.00	0.00	484.00	
PHAM, ET AL.	0	0	0	0	0	0	28	0	28	0	0.00	13,552.00	0.00	13,552.00	
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	213	86	0	0	299	174	125	0	174	4.44	0.00	2,148.96	2,148.96	
PITTMAN, LEROY W.	148	119	119	0	0	238	1	119	0	1	0.03	0.00	14.52	14.52	
POLICH, LEE AND DONNA	65	52	52	(52)	0	52	0	52	0	0	0.00	0.00	0.00	0.00	
RANCHERITOS MUTUAL WATER COMPANY	169	102	0	0	0	102	102	0	0	102	2.60	0.00	1,258.40	1,258.40	
RIM PROPERTIES, A GENERAL PARTNERSHIP	9	8	8	(8)	0	8	0	8	0	0	0.00	0.00	0.00	0.00	
RIVERSIDE CEMENT COMPANY - AGRICULTURE	643	515	515	(515)	0	515	0	515	0	0	0.00	0.00	0.00	0.00	
RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT	2,809	1,686	1,346	(1,346)	0	1,686	288	1,398	0	288	7.35	0.00	3,557.40	3,557.40	
ROSS, CARL E. LIVING TRUST	10	8	0	0	0	8	1	7	0	1	0.03	0.00	14.52	14.52	
RUE RANCH	30	24	24	(24)	(20)	4	1	3	0	1	0.03	0.00	14.52	14.52	
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CEN	0	0	0	50	0	50	81	0	31	50	1.28	15,004.00	619.52	15,623.52	
SAN BERNARDINO COUNTY SERVICE AREA 42	465	279	194	(192)	0	281	68	213	0	68	1.74	0.00	842.16	842.16	
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	2,294	0	281	499	3,074	2,466	608	0	2,466	62.95	0.00	30,467.80	30,467.80	
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	609	0	347	184	1,140	1,513	0	373	1,140	29.10	180,532.00	14,084.40	194,616.40	
SAPP, ROBERT D. AND LEE, TERESA J.	42	34	27	(27)	0	34	8	26	0	8	0.20	0.00	96.80	96.80	
SCRAY, MICHELLE A. TRUST	15	12	11	(11)	0	12	1	11	0	1	0.03	0.00	14.52	14.52	
SERVICE ROCK PRODUCTS CORPORATION	20	12	0	0	0	12	13	0	1	12	0.31	484.00	150.04	634.04	
SILVER LAKES ASSOCIATION	4,987	2,993	562	508	0	4,063	3,192	871	0	3,192	81.48	0.00	39,436.32	39,436.32	
SPRING VALLEY LAKE ASSOCIATION	3,703	2,222	0	0	0	2,222	2,541	0	319	2,222	56.72	154,396.00	27,452.48	181,848.48	
SPRING VALLEY LAKE COUNTRY CLUB	977	587	0	150	0	737	890	0	153	737	18.81	74,052.00	9,104.04	83,156.04	
STORM, RANDALL	62	50	50	(50)	0	50	0	50	0	0	0.00	0.00	0.00	0.00	

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ALTO SUBAREA

PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED ⁷ FPA	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP ⁹ OBLIGATION	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2013-14 CARRYOVER ³	2014-15 FPA ⁴							WATER	WATER		
												\$484.00/AF	\$484.00/AF		
SUDMEIER, GLENN W.	20	16	14	(14)	0	16	2	14	0	2	0.05	0.00	24.20	24.20	
SUMMIT VALLEY RANCH, LLC	57	46	36	(36)	0	46	9	37	0	9	0.23	0.00	111.32	111.32	
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	335	326	(326)	0	335	16	319	0	16	0.41	0.00	198.44	198.44	
THOMPSON LIVING TRUST, R.L. AND R.A.	13	11	4	(4)	0	11	5	6	0	5	0.13	0.00	62.92	62.92	
THRASHER, GARY	373	299	262	(262)	0	299	22	277	0	22	0.56	0.00	271.04	271.04	
THUNDERBIRD COUNTY WATER DISTRICT	118	71	0	0	0	71	103	0	32	71	1.81	15,488.00	876.04	16,364.04	
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLIND	26	21	21	0	0	42	0	21	0	0	0.00	0.00	0.00	0.00	
VANHOOPS HOLDINGS, LP	360	288	273	(273)	0	288	5	283	0	5	0.13	0.00	62.92	62.92	
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	144	0	0	0	144	313	0	169	144	3.68	81,796.00	1,781.12	83,577.12	
VICTOR VALLEY MEMORIAL PARK	0	0	0	0	0	0	69	0	69	0	0.00	33,396.00	0.00	33,396.00	
VICTORVILLE WATER DISTRICT, ID#1 (SEE NOTE 14)	23,020	13,812	0	0	1,470	15,282	17,596	0	2,592	15,282	390.08	1,254,528.00	188,798.72	1,443,326.72	
VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 14)	2,932	1,760	0	0	0	1,760	4,398	0	2,638	1,760	44.93	1,276,792.00	21,746.12	1,298,538.12	
VOGLER, ALBERT H. AND RITA K.	62	50	49	(49)	0	50	1	49	0	1	0.03	0.00	14.52	14.52	
WAGNER FAMILY TRUST	1,224	980	980	(980)	0	980	0	980	0	0	0.00	0.00	0.00	0.00	
WAKULA, JOHN AND HELEN	11	9	9	0	0	18	1	9	0	1	0.03	0.00	14.52	14.52	
WARD, KEN AND BARBARA	65	52	52	(52)	0	52	26	26	0	26	0.66	0.00	319.44	319.44	
WEST, HOWARD AND SUZY	72	58	58	(58)	0	58	0	58	0	0	0.00	0.00	0.00	0.00	
WEST, JIMMIE E.	10	8	7	(7)	0	8	1	7	0	1	0.03	0.00	14.52	14.52	
WESTERN WATER COMPANY	15	12	12	0	0	24	0	12	0	0	0.00	0.00	0.00	0.00	
WESTLAND INDUSTRIES, INC.	54	33	1	0	0	34	26	8	0	26	0.66	0.00	319.44	319.44	
WIENER, MELVIN AND MARIAM S.	30	18	18	0	0	36	0	18	0	0	0.00	0.00	0.00	0.00	
WOOD, MICHAEL AND DENISE	0	0	0	0	0	0	1	0	1	0	0.00	484.00	0.00	484.00	
WYATT FAMILY TRUST	70	56	56	(56)	0	56	0	56	0	0	0.00	0.00	0.00	0.00	
TOTAL	114,308	70,530	18,079	(11,787)	(220)	76,602	68,002	20,937	13,151	55,082	1,406.04	6,365,084.00	680,523.36	7,045,607.36	

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CENTRO SUBAREA

PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER N/A	TOTAL	
				2013-14 CARRYOVER ³	2014-15 FPA ⁴										

APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	29	24	24	(14)	0	34	0	24	0	0	0.00	0.00	0.00	0.00
AQUA CAPITAL MANAGEMENT, LP	2,336	1,869	1,869	(447)	0	3,291	0	1,869	0	0	0.00	0.00	0.00	0.00
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	120	96	96	(83)	0	109	0	96	0	0	0.00	0.00	0.00	0.00
BAR-LEN MUTUAL WATER COMPANY	48	39	0	0	0	39	35	4	0	35	0.00	0.00	0.00	0.00
BARSTOW COMMUNITY DEVELOPERS, LLC	0	0	0	0	0	0	8	0	8	0	0.00	3,872.00	0.00	3,872.00
BEST, BYRON L.	21	17	17	0	0	34	0	17	0	0	0.00	0.00	0.00	0.00
BROMMER FAMILY TRUST	361	289	289	(201)	0	377	0	289	0	0	0.00	0.00	0.00	0.00
CHAFAR, LARRY R. AND DELINDA C.	46	37	37	0	0	74	1	37	0	1	0.00	0.00	0.00	0.00
CHOI, YONG IL AND JOUNG AE	38	31	31	0	0	62	0	31	0	0	0.00	0.00	0.00	0.00
CHRISTISON, JOEL	75	60	60	0	0	120	1	60	0	1	0.00	0.00	0.00	0.00
CONTRATTO, ERSULA	151	121	121	(75)	0	167	1	121	0	1	0.00	0.00	0.00	0.00
DARR, JAMES S.	408	327	327	0	0	654	20	327	0	20	0.00	0.00	0.00	0.00
DE VRIES, NEIL AND MARY FAMILY TRUST	3,800	3,040	3,040	0	0	6,080	1	3,040	0	1	0.00	0.00	0.00	0.00
DORRANCE, DAVID W. AND TAMELA L.	19	16	16	(16)	0	16	0	16	0	0	0.00	0.00	0.00	0.00
EYGNOR, ROBERT E. AND PATSY C.	50	40	40	0	0	80	0	40	0	0	0.00	0.00	0.00	0.00
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE M	30	24	24	0	0	48	0	24	0	0	0.00	0.00	0.00	0.00
FRATES, D. COLE	13	11	11	(11)	0	11	0	11	0	0	0.00	0.00	0.00	0.00
FRIEND, JOSEPH AND DEBORAH	60	48	48	0	0	96	9	48	0	9	0.00	0.00	0.00	0.00
GABRYCH, EUGENE	132	106	106	0	0	212	0	106	0	0	0.00	0.00	0.00	0.00
GAINES FAMILY TRUST, JACK AND MARY	92	74	74	0	0	148	0	74	0	0	0.00	0.00	0.00	0.00
GOLDEN STATE WATER COMPANY	14,407	11,526	11,526	(3,251)	0	19,801	5,347	11,526	0	5,347	0.00	0.00	0.00	0.00
GRILL, NICHOLAS P. AND MILLIE D.	0	0	0	0	0	0	92	0	92	0	0.00	44,528.00	0.00	44,528.00
GUTIERREZ, JOSE AND GLORIA	130	104	104	0	0	208	45	104	0	45	0.00	0.00	0.00	0.00
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	122	122	0	0	244	1	122	0	1	0.00	0.00	0.00	0.00
HARMSSEN FAMILY TRUST	722	578	270	300	0	1,148	685	463	0	685	0.00	0.00	0.00	0.00
HARPER LAKE COMPANY VIII	1,433	1,147	638	0	0	1,785	1,068	717	0	1,068	0.00	0.00	0.00	0.00
HELENDALE COMMUNITY SERVICES DISTRICT	19	16	16	(16)	(16)	0	0	0	0	0	0.00	0.00	0.00	0.00
HENSLEY, MARK P.	27	22	22	0	0	44	13	22	0	13	0.00	0.00	0.00	0.00
HI DESERT MUTUAL WATER COMPANY	34	28	0	0	0	28	28	0	0	28	0.00	0.00	0.00	0.00
HIGH DESERT ASSOCIATES, INC.	513	411	411	0	0	822	0	411	0	0	0.00	0.00	0.00	0.00
HILL FAMILY TRUST AND HILL'S RANCH, INC.	2,335	1,868	1,868	(313)	0	3,423	38	1,868	0	38	0.00	0.00	0.00	0.00
HOWARD, ET AL.	43	35	35	0	0	70	0	35	0	0	0.00	0.00	0.00	0.00
HUERTA, HECTOR	656	525	525	800	0	1,850	888	525	0	888	0.00	0.00	0.00	0.00
JONES, JOETTE	22	18	18	0	0	36	0	18	0	0	0.00	0.00	0.00	0.00
JORDAN FAMILY TRUST	460	368	368	0	0	736	5	368	0	5	0.00	0.00	0.00	0.00
KASNER FAMILY LIMITED PARTNERSHIP	421	337	337	0	0	674	0	337	0	0	0.00	0.00	0.00	0.00

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PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)			
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER N/A	TOTAL	
				2013-14	2014-15										
				CARRYOVER ³	FPA ⁴										
KENWOOD MANAGEMENT, LLC	52	42	42	0	0	84	28	42	0	28	0.00	0.00	0.00	0.00	
KIM, JIN S. AND HYUN H.	190	152	152	(95)	0	209	0	152	0	0	0.00	0.00	0.00	0.00	
LEE, ET AL., SEPOONG AND WOO POONG	77	62	62	0	0	124	1	62	0	1	0.00	0.00	0.00	0.00	
LEYERLY, GENEVA (SEE NOTE 12)	65						5								
LEYERLY, RICHARD (SEE NOTE 12)	862						666								
MCCOLLUM, CHARLES L.	115	92	92	0	0	184	0	92	0	0	0.00	0.00	0.00	0.00	
MEAD FAMILY TRUST	115	92	92	0	0	184	1	92	0	1	0.00	0.00	0.00	0.00	
MOJAVE SOLAR, LLC	5,239	4,192	4,192	0	0	8,384	1,389	4,192	0	1,389	0.00	0.00	0.00	0.00	
MOST FAMILY TRUST	56	45	45	0	0	90	0	45	0	0	0.00	0.00	0.00	0.00	
NURSERY PRODUCTS LLC	0	0	0	0	0	0	6	0	6	0	0.00	2,904.00	0.00	2,904.00	
ODESSA WATER DISTRICT	299	240	240	0	0	480	0	240	0	0	0.00	0.00	0.00	0.00	
OHAI, REYNOLDS AND DOROTHY	137	110	110	0	0	220	10	110	0	10	0.00	0.00	0.00	0.00	
OSTERKAMP, GEROLD (SEE NOTE 12)	260						125								
PACIFIC GAS AND ELECTRIC COMPANY	4,436	3,549	3,335	(300)	0	6,584	2,454	3,549	0	2,454	0.00	0.00	0.00	0.00	
RIOS, MARIANO V.	8	7	4	0	0	11	6	5	0	6	0.00	0.00	0.00	0.00	
RIVERO, FIDEL V.	20	16	16	0	0	32	1	16	0	1	0.00	0.00	0.00	0.00	
RUISCH TRUST, DALE W. AND NELLIE H.	650	520	475	0	0	995	458	520	0	458	0.00	0.00	0.00	0.00	
SERVICE ROCK PRODUCTS CORPORATION	766	613	613	0	0	1,226	117	613	0	117	0.00	0.00	0.00	0.00	
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	186	186	0	0	372	0	186	0	0	0.00	0.00	0.00	0.00	
SMITH, ROBERT A.	38	31	31	0	0	62	10	31	0	10	0.00	0.00	0.00	0.00	
SOPPELAND, WAYNE	478	383	383	(12)	0	754	10	383	0	10	0.00	0.00	0.00	0.00	
TALLAKSON, WILLIAM V. AND ELIZABETH A.	17	14	14	0	0	28	6	14	0	6	0.00	0.00	0.00	0.00	
VALENTI, VITO	17	14	14	0	0	28	2	14	0	2	0.00	0.00	0.00	0.00	
VAN DAM REVOCABLE TRUST, E AND S	722	578	578	0	0	1,156	170	578	0	170	0.00	0.00	0.00	0.00	
VAN LEEUWEN, JOHN	1,465	1,172	976	0	0	2,148	1,172	976	0	1,172	0.00	0.00	0.00	0.00	
VERNOLA TRUST, PAT AND MARY ANN	3,116	2,493	2,493	1,600	0	6,586	3,598	2,493	0	3,598	0.00	0.00	0.00	0.00	
VICTORVILLE WATER DISTRICT, ID#1	796	637	637	(637)	(242)	395	0	395	0	0	0.00	0.00	0.00	0.00	
WERNER, ANDREW J.	18	15	15	(15)	0	15	0	15	0	0	0.00	0.00	0.00	0.00	
WESTERN DEVELOPMENT AND STORAGE, LLC	6	5	5	(5)	0	5	0	5	0	0	0.00	0.00	0.00	0.00	
WITHEY, CONNIE	22	18	18	0	0	36	1	18	0	1	0.00	0.00	0.00	0.00	
TOTAL	49,477	38,652	37,310	(2,791)	(258)	72,913	18,522	37,588	106	17,620	0.00	51,304.00	0.00	51,304.00	

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2013-14 CARRYOVER ³	2014-15 FPA ⁴							WATER	WATER		
												\$484.00/AF	N/A		
AHN, CHUN SOO AND WHA JA	50	28	29	0	0	57	1	28	0	1	0.00	0.00	0.00	0.00	
AKE, CHARLES J. AND MARJORIE M.	23	13	14	0	0	27	0	13	0	0	0.00	0.00	0.00	0.00	
APPLE VALLEY RANCHOS WATER COMPANY (FORMERLY: YERMO WATER COMPANY)	453	250	0	261	0	511	125	250	0	125	0.00	0.00	0.00	0.00	
AQUA CAPITAL MANAGEMENT, LP	0	504	0	0	(504)	0	0	0	0			0.00	0.00	0.00	
ARCHIBEK, ERIC	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
ARGUELLES, ALFREDO	647	356	373	0	0	729	225	356	0	225	0.00	0.00	0.00	0.00	
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	80	44	32	0	0	76	56	20	0	56	0.00	0.00	0.00	0.00	
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	15	16	0	0	31	0	15	0	0	0.00	0.00	0.00	0.00	
BARBER, JAMES B.	167	92	97	0	0	189	28	92	0	28	0.00	0.00	0.00	0.00	
BARON, SUSAN AND PALMER, CURTIS	26	15	15	0	0	30	0	15	0	0	0.00	0.00	0.00	0.00	
BEDINGFIELD, LYNDELL AND CHARLENE	0	0	33	(33)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
BENDER TRUST, DOLORES M.	0	0	35	(35)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
BORGOGNO REVOCABLE LIVING TRUST	1,844	1,015	650	0	0	1,665	976	689	0	976	0.00	0.00	0.00	0.00	
BORJA, LEONIL T. AND TITAL L.	20	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00	
BOWMAN, EDWIN L.	11	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00	
BREDELIS, RONALD C. AND JEAN	64	36	16	0	0	52	10	36	0	10	0.00	0.00	0.00	0.00	
BROWN, RONALD A.	1,080	594	226	0	0	820	938	0	118	820	0.00	57,112.00	0.00	57,112.00	
BUDGET FINANCE COMPANY	32	18	19	0	0	37	0	18	0	0	0.00	0.00	0.00	0.00	
BUSH, KEVIN	110	61	64	0	0	125	2	61	0	2	0.00	0.00	0.00	0.00	
CALICO JUNCTION	20	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00	
CALICO LAKES HOMEOWNERS ASSOCIATION	1,293	208	0	0	0	208	257	0	62	208	0.00	30,008.00	0.00	30,008.00	
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	40	41	0	0	81	15	40	0	15	0.00	0.00	0.00	0.00	
CAMANGA, TONY AND MARIETTA	47	26	28	0	0	54	1	26	0	1	0.00	0.00	0.00	0.00	
CAMPBELL, M. A. AND DIANNE	22	13	13	0	0	26	1	13	0	1	0.00	0.00	0.00	0.00	
CARLTON, SUSAN	155	86	90	0	0	176	2	86	0	2	0.00	0.00	0.00	0.00	
CDFW - CAMP CADY	921	507	530	0	0	1,037	13	507	0	13	0.00	0.00	0.00	0.00	
CF PROPERTIES, LLC	845	465	37	333	0	835	723	112	0	723	0.00	0.00	0.00	0.00	
CHAPMAN UNIVERSITY	54	30	0	0	0	30	53	0	23	30	0.00	11,132.00	0.00	11,132.00	
CHEYENNE LAKE, INC.	387	213	183	55	0	451	186	213	0	186	0.00	0.00	0.00	0.00	
CLARK, ARTHUR	50	28	29	0	0	57	0	28	0	0	0.00	0.00	0.00	0.00	
CLINE, VIVIAN D.	16	9	21	0	0	30	1	9	0	1	0.00	0.00	0.00	0.00	
CONNER, WILLIAM H.	25	14	15	0	0	29	5	14	0	5	0.00	0.00	0.00	0.00	
CORBRIDGE, LINDA S.	32	18	19	0	0	37	6	18	0	6	0.00	0.00	0.00	0.00	
CRANDALL, ESTHER	5	3	3	0	0	6	0	3	0	0	0.00	0.00	0.00	0.00	
CROSS, FRANCIS AND BEVERLY	40	22	23	0	0	45	0	22	0	0	0.00	0.00	0.00	0.00	

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BAJA SUBAREA

PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP ⁹ OBLIGATION	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2013-14 CARRYOVER ³	2014-15 FPA ⁴							WATER	WATER		
												\$484.00/AF	N/A		
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	644	355	110	300	0	765	430	332	0	430	0.00	0.00	0.00	0.00	
DAGGETT COMMUNITY SERVICES DISTRICT	304	168	175	0	0	343	267	76	0	267	0.00	0.00	0.00	0.00	
DAGGETT RANCH, LLC	76	42	42	0	0	84	46	38	0	46	0.00	0.00	0.00	0.00	
DE JONG FAMILY TRUST	3,131	1,723	1,756	246	0	3,725	1,728	1,723	0	1,728	0.00	0.00	0.00	0.00	
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	16	17	0	0	33	0	16	0	0	0.00	0.00	0.00	0.00	
DOCIMO LIVING TRUST, ALLEN LEE	109	60	63	0	0	123	65	58	0	65	0.00	0.00	0.00	0.00	
DONALDSON, JERRY AND BEVERLY	90	50	52	0	0	102	1	50	0	1	0.00	0.00	0.00	0.00	
DOWELL, LEONARD	23	13	14	0	0	27	0	13	0	0	0.00	0.00	0.00	0.00	
D'SILVA, MELANIE	54	30	0	0	0	30	30	0	0	30	0.00	0.00	0.00	0.00	
FAWCETT, EDWARD C.	20	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00	
FEJFAR, MONICA KAY	20	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00	
FERNANDEZ, ARTURO	76	42	44	0	0	86	1	42	0	1	0.00	0.00	0.00	0.00	
FERRO, DENNIS AND NORMA	32	18	19	0	0	37	0	18	0	0	0.00	0.00	0.00	0.00	
FIRST CPA LLC	57	32	33	0	0	65	15	32	0	15	0.00	0.00	0.00	0.00	
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	234	245	0	0	479	178	234	0	178	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	1,637	901	859	200	0	1,960	1,105	855	0	1,105	0.00	0.00	0.00	0.00	
GARCIA, DANIEL	23	13	14	0	0	27	2	13	0	2	0.00	0.00	0.00	0.00	
GARG, OM P.	483	266	278	0	0	544	11	266	0	11	0.00	0.00	0.00	0.00	
GENON ENERGY, INC.	7,194	3,957	4,137	(1,916)	0	6,178	269	3,957	0	269	0.00	0.00	0.00	0.00	
GRAY, GEORGE F. AND BETTY E.	94	52	55	0	0	107	0	52	0	0	0.00	0.00	0.00	0.00	
HAAS, BRYAN C. AND HINKLE, MARY H.	80	44	40	0	0	84	6	44	0	6	0.00	0.00	0.00	0.00	
HACKBARTH, EDWARD E.	1,517	835	361	0	0	1,196	1,042	154	0	1,042	0.00	0.00	0.00	0.00	
HANSON AGGREGATES WRP, INC.	31	18	18	0	0	36	0	18	0	0	0.00	0.00	0.00	0.00	
HARESON, NICHOLAS AND MARY	8	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
HARTER, JOE AND SUE	5,234	2,879	2,919	0	0	5,798	2,900	2,879	0	2,900	0.00	0.00	0.00	0.00	
HASS, PAULINE L.	35	20	20	(20)	0	20	1	19	0	1	0.00	0.00	0.00	0.00	
HENDLEY, RICK AND BARBARA	48	27	28	0	0	55	6	27	0	6	0.00	0.00	0.00	0.00	
HIETT, HARRY L.	29	16	17	0	0	33	3	16	0	3	0.00	0.00	0.00	0.00	
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	167	171	(160)	0	178	26	152	0	26	0.00	0.00	0.00	0.00	
HO, TING-SENG AND AH-GIT	300	165	173	0	0	338	0	165	0	0	0.00	0.00	0.00	0.00	
HOLLISTER, ROBERT H. AND RUTH M.	44	25	11	0	0	36	10	25	0	10	0.00	0.00	0.00	0.00	
HONG, PAUL B. AND MAY	85	47	49	0	0	96	0	47	0	0	0.00	0.00	0.00	0.00	
HOOD FAMILY TRUST (FORMERLY: MAYBERRY, DONALD J)	41	23	24	0	0	47	12	23	0	12	0.00	0.00	0.00	0.00	
HORTON, JOHN	242	134	140	0	0	274	15	134	0	15	0.00	0.00	0.00	0.00	
HORTON'S CHILDREN'S TRUST	199	110	9	0	0	119	142	0	41	119	0.00	19,844.00	0.00	19,844.00	

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BAJA SUBAREA

PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				WATER	WATER							REPLACEMENT	MAKEUP		
												\$484.00/AF	N/A		
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	16	17	0	0	33	0	16	0	0	0.00	0.00	0.00	0.00	
HUNT, RALPH M. AND LILLIAN F.	51	29	30	0	0	59	3	29	0	3	0.00	0.00	0.00	0.00	
HUTCHISON TRUST, WILLIAM O.	368	203	212	(200)	0	215	1	203	0	1	0.00	0.00	0.00	0.00	
HYATT, JAMES AND BRENDA	210	116	121	0	0	237	22	116	0	22	0.00	0.00	0.00	0.00	
IM, NICHOLAS NAK-KYUN	150	83	46	0	0	129	175	0	46	129	0.00	22,264.00	0.00	22,264.00	
IRVIN, BERTRAND W.	29	16	17	20	0	53	21	16	0	21	0.00	0.00	0.00	0.00	
ITALMOOD INC., ET. AL.	190	105	110	0	0	215	61	105	0	61	0.00	0.00	0.00	0.00	
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	30	32	(20)	0	42	0	30	0	0	0.00	0.00	0.00	0.00	
JACKSON, RAY	20	11	12	0	0	23	1	11	0	1	0.00	0.00	0.00	0.00	
JOHNSON, JAMES R. AND ELLEN	247	136	113	(113)	0	136	25	111	0	25	0.00	0.00	0.00	0.00	
KARIMI, HOOSHANG	70	39	41	0	0	80	0	39	0	0	0.00	0.00	0.00	0.00	
KASNER FAMILY LIMITED PARTNERSHIP	1,501	826	436	272	260	1,794	914	880	0	914	0.00	0.00	0.00	0.00	
KASNER, ROBERT	5,713	3,143	757	925	0	4,825	4,912	0	87	4,625	0.00	42,108.00	0.00	42,108.00	
KATCHER, AUGUST M. AND MARCELINE	23	13	14	0	0	27	1	13	0	1	0.00	0.00	0.00	0.00	
KEMP, ROBERT AND ROSE	32	18	19	0	0	37	0	18	0	0	0.00	0.00	0.00	0.00	
KIEL, MARY	34	19	20	0	0	39	14	19	0	14	0.00	0.00	0.00	0.00	
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	421	440	200	504	1,565	745	820	0	745	0.00	0.00	0.00	0.00	
KIM, SEON JA	50	28	29	0	0	57	0	28	0	0	0.00	0.00	0.00	0.00	
KOEGLER, RONALD R. AND CAROLYN V.	26	15	15	0	0	30	10	15	0	10	0.00	0.00	0.00	0.00	
KOERING, RICHARD AND KOERING, DONNA	20	11	12	0	0	23	1	11	0	1	0.00	0.00	0.00	0.00	
KOROGHLIAN, TED AND NAJWA	15	9	6	0	0	15	14	1	0	14	0.00	0.00	0.00	0.00	
KOSHAREK, JOHN AND JOANN	54	30	32	0	0	62	8	30	0	8	0.00	0.00	0.00	0.00	
LAKE JODIE PROPERTY OWNERS ASSOCIATION	254	140	0	160	0	300	307	0	7	300	0.00	3,388.00	0.00	3,388.00	
LAKE WAIKIKI	98	54	57	0	0	111	0	54	0	0	0.00	0.00	0.00	0.00	
LAKE WAINANI OWNERS ASSOCIATION	435	240	183	0	0	423	203	165	0	203	0.00	0.00	0.00	0.00	
LAM, PHILLIP	105	58	61	0	0	119	12	58	0	12	0.00	0.00	0.00	0.00	
LANGLEY, MICHAEL R. AND SHARON	20	11	12	0	0	23	6	11	0	6	0.00	0.00	0.00	0.00	
LAVANH, ET AL.	24	14	14	0	0	28	7	14	0	7	0.00	0.00	0.00	0.00	
LAWRENCE, WILLIAM W.	45	25	26	0	0	51	1	25	0	1	0.00	0.00	0.00	0.00	
LEE, VIN JANG T.	630	347	363	0	0	710	0	347	0	0	0.00	0.00	0.00	0.00	
LEM, HOY	32	18	19	0	0	37	0	18	0	0	0.00	0.00	0.00	0.00	
LIANG, YUAN - I AND TZU - MEI CHEN	200	110	115	0	0	225	0	110	0	0	0.00	0.00	0.00	0.00	
LIN, KUAN JUNG AND CHUNG, DER-BING	451	249	260	0	0	509	0	249	0	0	0.00	0.00	0.00	0.00	
LO, ET AL.	59	33	34	0	0	67	16	33	0	16	0.00	0.00	0.00	0.00	
M BIRD CONSTRUCTION	41	23	24	0	0	47	0	23	0	0	0.00	0.00	0.00	0.00	
MAHJOUBI, AFSAR S.	63	35	37	0	0	72	0	35	0	0	0.00	0.00	0.00	0.00	

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PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER N/A	TOTAL	
				2013-14	2014-15										
				CARRYOVER ³	FPA ⁴										
MALONEY, JANICE	36	20	21	0	0	41	2	20	0	2	0.00	0.00	0.00	0.00	
MANNING, SHARON S.	63	35	29	0	0	64	45	19	0	45	0.00	0.00	0.00	0.00	
MARCROFT, JAMES A. AND JOAN	38	21	22	0	0	43	18	21	0	18	0.00	0.00	0.00	0.00	
MARSHALL, CHARLES	20	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00	
MARTIN, MICHAEL D. AND ARLENE D.	63	35	20	0	0	55	35	20	0	35	0.00	0.00	0.00	0.00	
MILBRAT, IRVING H.	73	41	42	0	0	83	32	41	0	32	0.00	0.00	0.00	0.00	
MILLER LIVING TRUST	18	10	11	0	0	21	0	10	0	0	0.00	0.00	0.00	0.00	
MIZRAHIE, ET AL.	145	80	84	0	0	164	0	80	0	0	0.00	0.00	0.00	0.00	
MORRIS TRUST, JULIA V.	304	168	175	(173)	0	170	1	168	0	1	0.00	0.00	0.00	0.00	
MULLIGAN, ROBERT AND INEZ	35	20	21	0	0	41	10	20	0	10	0.00	0.00	0.00	0.00	
MURPHY, JEAN	24	14	10	(10)	0	14	5	9	0	5	0.00	0.00	0.00	0.00	
NEW SPRINGS LIMITED PARTNERSHIP	2,329	1,281	1,340	(637)	0	1,984	0	1,281	0	0	0.00	0.00	0.00	0.00	
NEWBERRY COMMUNITY SERVICES DISTRICT	23	13	3	0	0	16	15	1	0	15	0.00	0.00	0.00	0.00	
O. F. D. L., INC.	165	91	0	118	0	209	157	52	0	157	0.00	0.00	0.00	0.00	
OLD GROVE PROPERTIES, LLC	24	14	14	0	0	28	13	14	0	13	0.00	0.00	0.00	0.00	
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	367	384	0	0	751	0	367	0	0	0.00	0.00	0.00	0.00	
PATINO, JOSÉ	22	13	13	0	0	26	1	13	0	1	0.00	0.00	0.00	0.00	
PEARCE, CRAIG L.	150	83	87	0	0	170	5	83	0	5	0.00	0.00	0.00	0.00	
PERKO, BERT K.	132	73	76	0	0	149	32	73	0	32	0.00	0.00	0.00	0.00	
POLAND, JOHN R. AND KATHLEEN A.	92	51	0	0	0	51	12	39	0	12	0.00	0.00	0.00	0.00	
PORTER, TIMOTHY M.	30	17	18	0	0	35	0	17	0	0	0.00	0.00	0.00	0.00	
PRICE, DONALD AND RUTH	42	24	25	0	0	49	1	24	0	1	0.00	0.00	0.00	0.00	
PRUETT, ANDREA	36	20	21	0	0	41	0	20	0	0	0.00	0.00	0.00	0.00	
QUIGG AND COMPANY, INC.	81	45	47	0	0	92	0	45	0	0	0.00	0.00	0.00	0.00	
QUIROS, FRANSISCO J. AND HERMANN, RONALD	38	21	22	0	0	43	21	21	0	21	0.00	0.00	0.00	0.00	
REEVES, RICHARD	224	124	129	0	0	253	0	124	0	0	0.00	0.00	0.00	0.00	
RICE, HENRY C. AND DIANA	24	14	14	0	0	28	1	14	0	1	0.00	0.00	0.00	0.00	
RIEGER FAMILY TRUST, WALTER M.	0	0	36	(36)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
RIZVI, S.R ALI	27	15	16	0	0	31	0	15	0	0	0.00	0.00	0.00	0.00	
ROSSI, JAMES L. AND NAOMI I.	614	338	298	0	0	636	433	203	0	433	0.00	0.00	0.00	0.00	
S AND B BROTHERS, LLC	221	122	128	0	0	250	91	121	0	91	0.00	0.00	0.00	0.00	
SAMRA, JAGTAR S.	30	17	18	0	0	35	14	17	0	14	0.00	0.00	0.00	0.00	
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	168	93	97	0	0	190	41	93	0	41	0.00	0.00	0.00	0.00	
SECURITY PAVING COMPANY, INC.	0	0	0	0	0	0	8	0	8	0	0.00	3,872.00	0.00	3,872.00	
SERVICE ROCK PRODUCTS CORPORATION	0	0	0	0	0	0	5	0	5	0	0.00	2,420.00	0.00	2,420.00	
SHAW, ROBERT M. AND LORI A. SLATER-SHAW	43	24	25	0	0	49	13	24	0	13	0.00	0.00	0.00	0.00	

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				2013-14	2014-15										
				CARRYOVER ³	FPA ⁴										
SHENG, JEN	33	19	19	0	0	38	0	19	0	0	0.00	0.00	0.00	0.00	
SHEPPARD, THOMAS AND GLORIA	217	120	125	0	0	245	20	120	0	20	0.00	0.00	0.00	0.00	
SHORT, CHARLES AND MARGARET	54	30	32	0	0	62	13	30	0	13	0.00	0.00	0.00	0.00	
SHORT, JEROME E.	30	17	18	0	0	35	16	17	0	16	0.00	0.00	0.00	0.00	
SINGH, ET AL.	31	18	18	0	0	36	8	18	0	8	0.00	0.00	0.00	0.00	
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	0	0	0	0	0	0	102	0	102	0	0.00	49,368.00	0.00	49,368.00	
SMITH, PORTER AND ANITA	25	14	15	0	0	29	0	14	0	0	0.00	0.00	0.00	0.00	
SMITH, WILLIAM E. AND PATRICIA A.	19	11	11	0	0	22	4	11	0	4	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA EDISON COMPANY	600	330	345	0	0	675	0	330	0	0	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA GAS COMPANY	98	54	57	0	0	111	12	54	0	12	0.00	0.00	0.00	0.00	
SPERRY, WESLEY	104	58	60	0	0	118	1	58	0	1	0.00	0.00	0.00	0.00	
ST. ANTONY COPTIC ORTHODOX MONASTERY	130	72	0	166	0	238	354	0	116	238	0.00	56,144.00	0.00	56,144.00	
STARKE, GEORGE A. AND JAYNE E.	23	13	14	0	0	27	0	13	0	0	0.00	0.00	0.00	0.00	
SUNDOWN LAKES, INC.	285	157	0	38	0	195	168	0	5	168	0.00	2,420.00	0.00	2,420.00	
SUNRAY ENERGY, INC.	63	35	5	140	0	180	95	35	0	95	0.00	0.00	0.00	0.00	
SZYNKOWSKI, RUTH J.	29	16	17	0	0	33	2	16	0	2	0.00	0.00	0.00	0.00	
TAPIE, RAYMOND L.	18	10	11	0	0	21	1	10	0	1	0.00	0.00	0.00	0.00	
TEISAN, JERRY	96	53	56	0	0	109	0	53	0	0	0.00	0.00	0.00	0.00	
THAYER, SHARON	97	54	56	0	0	110	31	54	0	31	0.00	0.00	0.00	0.00	
THOMAS, STEPHEN AND LORI	49	27	29	0	0	56	4	27	0	4	0.00	0.00	0.00	0.00	
TRIPLE H PARTNERSHIP	218	120	111	0	0	231	116	115	0	116	0.00	0.00	0.00	0.00	
TSUI, RICHARD	472	260	272	(272)	(260)	0	0	0	0	0	0.00	0.00	0.00	0.00	
TURNER, TERRY	30	17	18	0	0	35	1	17	0	1	0.00	0.00	0.00	0.00	
UNION PACIFIC RAILROAD COMPANY	249	137	144	0	0	281	34	137	0	34	0.00	0.00	0.00	0.00	
VACA, ANDY AND TERESITA S.	20	11	12	0	0	23	10	11	0	10	0.00	0.00	0.00	0.00	
VAN BASTELAAR, ALPHONSE	78	43	0	0	0	43	87	0	44	43	0.00	21,296.00	0.00	21,296.00	
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	5,430	2,987	3,123	0	0	6,110	3,583	2,527	0	3,583	0.00	0.00	0.00	0.00	
VAN LEEUWEN, JOHN	2,018	1,110	1,161	0	0	2,271	876	1,110	0	876	0.00	0.00	0.00	0.00	
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,792	986	1,031	0	0	2,017	1,158	859	0	1,158	0.00	0.00	0.00	0.00	
WANG, STEVEN	10	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00	
WARD, RAYMOND	105	58	43	0	0	101	65	36	0	65	0.00	0.00	0.00	0.00	
WEEMS, LIZZIE	53	30	31	0	0	61	9	30	0	9	0.00	0.00	0.00	0.00	
WEERAISINGHE, MAITHRI N.	15	9	9	0	0	18	1	9	0	1	0.00	0.00	0.00	0.00	
WEIDKNECHT, ARTHUR J. AND PEGGY A.	0	0	10	(10)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
WESTERN HERITAGE, INC.	854	470	492	0	0	962	0	470	0	0	0.00	0.00	0.00	0.00	
WESTERN HORIZON ASSOCIATES, INC.	705	388	406	(400)	0	394	0	388	0	0	0.00	0.00	0.00	0.00	

APPENDIX B

MARCH 23, 2016

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND

ASSESSMENTS DUE FOR 2014-15

(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

BAJA SUBAREA

PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED ⁷ FPA	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER N/A	TOTAL
				2013-14	2014-15									
				CARRYOVER ³	FPA ⁴									
WET SET, INC.	189	104	0	35	0	139	115	0	9	115	0.00	4,356.00	0.00	4,356.00
WITTE, E. DANIEL AND MARCIA	27	15	16	0	0	31	6	15	0	6	0.00	0.00	0.00	0.00
WLSR, INC.	193	107	0	39	0	146	133	0	4	133	0.00	1,936.00	0.00	1,936.00
WORSEY, JOSEPH A. AND REVAE	29	16	17	0	0	33	1	16	0	1	0.00	0.00	0.00	0.00
YERMO WATER COMPANY	0	0	261	(261)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
TOTAL	63,929	35,232	29,649	(788)	0	64,093	27,452	27,576	677	26,624	0.00	327,668.00	0.00	327,668.00

APPENDIX B - SUMMARY
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2014-15

MARCH 23, 2016

(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

SUBAREA	2014-15 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2014-15 VERIFIED PRODUCTION ⁶	UNUSED ⁷ FPA	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER	MAKEUP WATER	TOTAL
				2013-14 CARRYOVER ³	2014-15 FPA ⁴									
ESTE	19,251	15,422	14,748	(155)	0	30,015	5,823	14,678	206	5,617	0.00	99,704.00	0.00	99,704.00
OESTE	6,857	5,488	3,914	0	0	9,402	3,424	4,934	0	3,424	0.00	0.00	0.00	0.00
ALTO	114,308	70,530	18,079	(11,787)	(220)	76,602	68,002	20,937	13,151	55,082	1,406.04	6,365,084.00	680,523.36	7,045,607.36
CENTRO	49,477	38,652	37,310	(2,791)	(258)	72,913	18,522	37,588	106	17,620	0.00	51,304.00	0.00	51,304.00
BAJA	63,929	35,232	29,649	(788)	0	64,093	27,452	27,576	677	26,624	0.00	327,668.00	0.00	327,668.00
GRAND TOTAL	253,822	165,324	103,700	(15,521)	(478)	253,025	123,223	105,713	14,140	108,367	1,406.04	6,843,760.00	680,523.36	7,524,283.36

NOTES FOR APPENDIX B

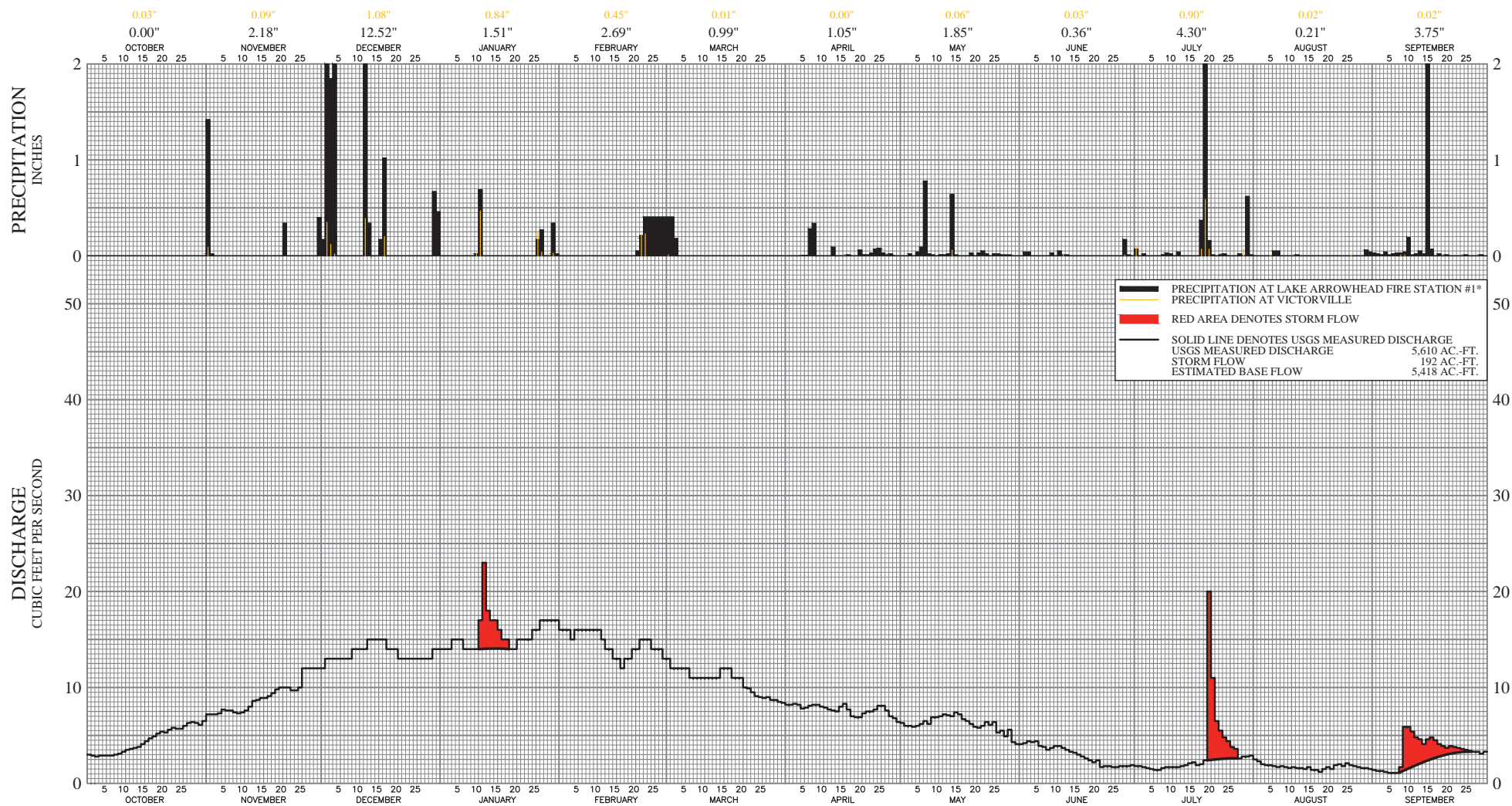
- 1 EQUAL TO 80% OF BASE ANNUAL PRODUCTION IN THE ESTE, OESTE AND CENTRO SUBAREAS AND FOR THE AGRICULTURAL PRODUCERS IN THE ALTO SUBAREA. EQUAL TO 60% OF BASE ANNUAL PRODUCTION FOR THE MUNICIPAL AND INDUSTRIAL PRODUCERS IN THE ALTO SUBAREA. EQUAL TO 55% OF BASE ANNUAL PRODUCTION IN THE BAJA SUBAREA.
- 2 UNUSED FPA FROM 2013-14 NET OF ANY TRANSFERS DURING 2013-14.
- 3 TRANSFERS OF 2013-14 UNUSED FPA FOR USE DURING 2014-15. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 4 TRANSFERS OF 2014-15 BASE FREE PRODUCTION ALLOWANCE. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 5 TOTAL FREE PRODUCTION ALLOWANCE FOR 2014-15 IS EQUAL TO THE SUM OF BASE FREE PRODUCTION ALLOWANCE, CARRYOVER AND TRANSFERS.
- 6 2014-15 VERIFIED PRODUCTION.
- 7 UNUSED FPA IS EQUAL TO THE TOTAL FPA MINUS TOTAL VERIFIED PRODUCTION, BUT NOT GREATER THAN THE SUM OF BASE FREE PRODUCTION ALLOWANCE AND 2014-15 FPA TRANSFERS.
- 8 WATER PRODUCTION IN EXCESS OF TOTAL FREE PRODUCTION ALLOWANCE.
- 9 PRODUCTION SUBJECT TO MAKEUP OBLIGATION IS EQUAL TO THE TOTAL VERIFIED PRODUCTION NOT TO EXCEED THE TOTAL FREE PRODUCTION ALLOWANCE.
- 10 PHELAN PIÑON HILLS CSD'S WELL #14 IS NOT INCLUDED IN THE TOTAL VERIFIED PRODUCTION. THE MATTER OF PUMPING FROM WELL #14, LOCATED IN LA COUNTY, IS STILL UNRESOLVED AND MAY AFFECT FUTURE OBLIGATIONS UNDER THE JUDGMENT.
- 11 CDFG - MOJAVE RIVER FISH HATCHERY IS EXEMPT FROM ASSESSMENTS PURSUANT TO THE PROVISIONS OF EXHIBIT F OF THE JUDGMENT AFTER TRIAL, DATED JANUARY 10, 1996.
- 12 APPELLANTS NOT SUBJECT TO THE JUDGMENT AFTER TRIAL PURSUANT TO SUPREME COURT DECISION DATED AUGUST 21, 2000. THE AGGREGATE BASE ANNUAL PRODUCTION OF THESE PARTIES WAS DETERMINED PRIOR TO TRIAL AND CONSISTS OF 291 ACRE-FEET IN THE ALTO SUBAREA AND 1,187 ACRE-FEET IN THE CENTRO SUBAREA. THE VERIFIED PRODUCTION WAS ESTIMATED BY WATERMASTER FOR 2014-15 AND CONSISTS OF 21 ACRE-FEET IN THE ALTO SUBAREA AND 796 ACRE-FEET IN THE CENTRO SUBAREA.
- 13 BASE ANNUAL PRODUCTION PREVIOUSLY INCLUDED 27 ACRE-FEET ATTRIBUTED TO A DOMESTIC WELL THAT IS JOINTLY OWNED BY LOUNSBURY AND A GROUP CALLED GRAMATA ET AL. THE DISPOSITION OF THE 27 ACRE-FEET IS UNRESOLVED. THE TOTAL PRODUCTION REPORTED HEREIN INCLUDES PRODUCTION FROM THE LOUNSBURY AGRICULTURAL WELL ONLY. THE CARRYOVER RIGHT REPORTED HEREIN IS BASED SOLELY ON THE BASE ANNUAL PRODUCTION ATTRIBUTED TO THE LOUNSBURY AGRICULTURAL WELL.
- 14 THE REPLACEMENT WATER OBLIGATION SHOWN INCLUDES MWA DELIVERIES THROUGH THE REGIONAL, RECHARGE AND RECOVERY (R-CUBED) SYSTEM. R-CUBED DELIVERIES FOR 2014-15 WATER YEAR INCLUDE 1,915 ACRE-FEET FOR VICTORVILLE WATER DISTRICT, ID#1 AND 2,151 ACRE-FEET FOR VICTORVILLE WATER DISTRICT ID#2. ALSO INCLUDED FOR ID#1 IS 278 ACRE-FEET OF WATER PUMPED FOR HDPP PURSUANT TO CEC ORDER NO. 14-0910-2 DATED SEPTEMBER 10, 2014. THE FPA FOR ID#1 HAS BEEN ADJUSTED 2 FOR 1 FOR THE CHANGE IN CONSUMPTIVE USE PURSUANT TO EXHIBIT F OF THE JUDGMENT.
- 15 THE FPA HAS BEEN ADJUSTED 2 FOR 1 FOR THE CHANGE IN CONSUMPTIVE USE PURSUANT TO EXHIBIT F OF THE JUDGMENT.

APPENDIX C

SEPARATION OF FLOW COMPONENTS AT LOWER NARROWS

AND AFTON FOR 2014-15

*NOTE: OCTOBER 2014 THROUGH FEBRUARY 20, 2015 IS PRECIPITATION AT LAKE ARROWHEAD ASHER (STATION 5209).



DISCHARGE OF MOJAVE RIVER AT LOWER NARROWS,
 PRECIPITATION AT LAKE ARROWHEAD FIRE STATION #1,
 AND PRECIPITATION AT VICTORVILLE
 WATER YEAR 2014-15

WATER YEAR TOTAL = 5,610 AC-FT

LAKE ARROWHEAD

SAN BERNARDINO COUNTY PRECIPITATION STATION 5140 - LAKE ARROWHEAD FIRE STATION #1

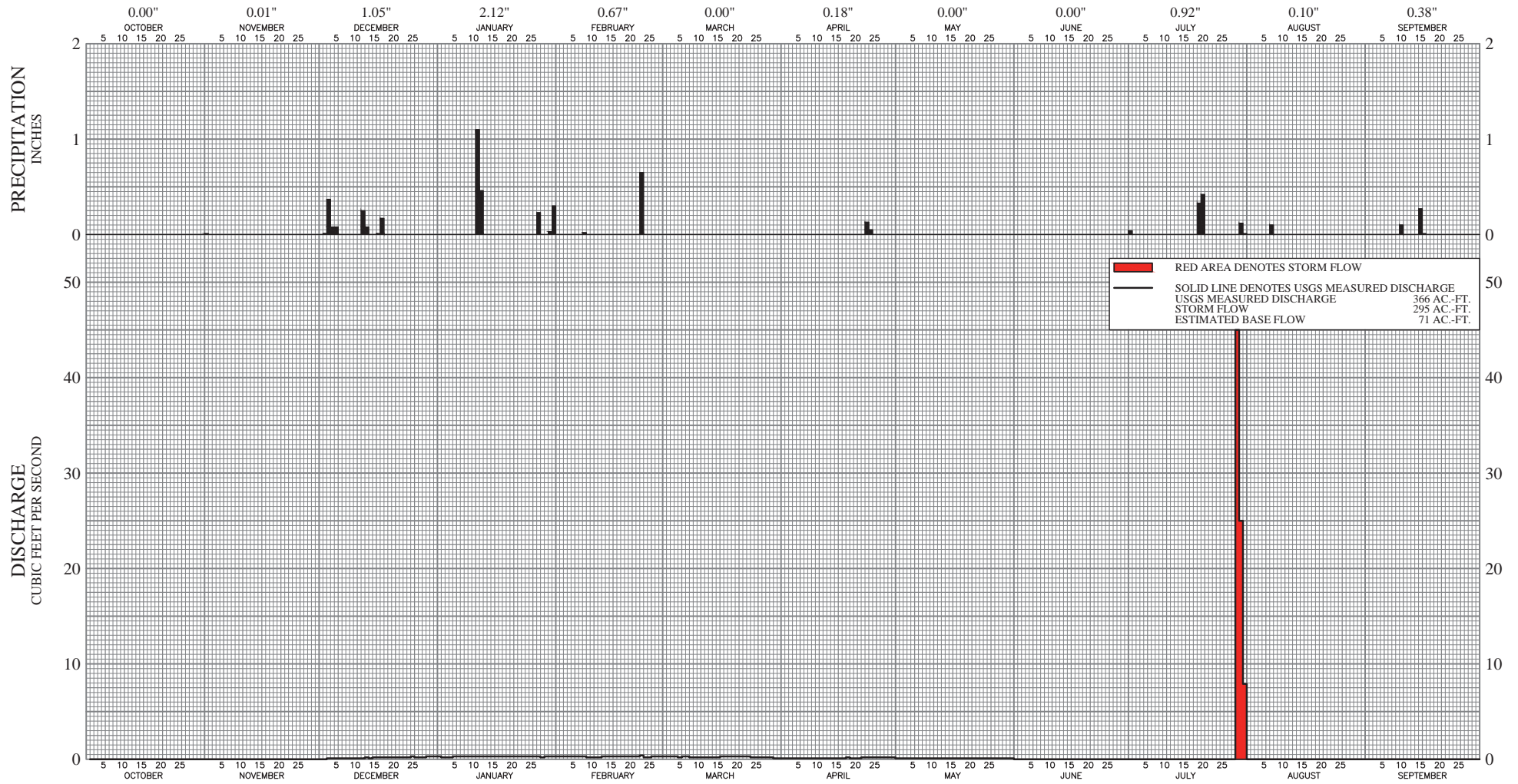
WATER YEAR 2014-15

PRECIPITATION, INCHES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	1.42	0.17	0.00	0.000	0.405	0.000	0.000	0.00	0.07	0.00	0.03
2	0.00	0.02	2.36	0.00	0.000	0.405	0.000	0.000	0.04	0.00	0.00	0.02
3	0.00	0.00	1.85	0.00	0.000	0.181	0.000	0.020	0.04	0.02	0.00	0.01
4	0.00	0.00	2.69	0.00	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.04
5	0.00	0.00	0.00	0.00	0.000	0.000	0.005	0.040	0.00	0.00	0.00	0.01
6	0.00	0.00	0.00	0.00	0.000	0.000	0.006	0.090	0.00	0.00	0.05	0.02
7	0.00	0.00	0.00	0.00	0.000	0.000	0.282	0.780	0.00	0.00	0.05	0.03
8	0.00	0.00	0.00	0.00	0.000	0.000	0.338	0.020	0.00	0.01	0.00	0.03
9	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.010	0.03	0.03	0.00	0.04
10	0.00	0.00	0.00	0.02	0.000	0.000	0.000	0.000	0.00	0.02	0.00	0.19
11	0.00	0.00	0.00	0.69	0.000	0.000	0.000	0.010	0.05	0.00	0.00	0.01
12	0.00	0.00	2.79	0.00	0.000	0.000	0.000	0.010	0.01	0.04	0.01	0.02
13	0.00	0.00	0.34	0.00	0.000	0.000	0.090	0.020	0.01	0.00	0.00	0.05
14	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.640	0.00	0.00	0.00	0.02
15	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.010	0.00	0.00	0.00	3.11
16	0.00	0.00	0.17	0.00	0.000	0.000	0.000	0.000	0.00	0.00	0.00	0.07
17	0.00	0.00	1.02	0.00	0.000	0.000	0.010	0.000	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.000	0.00	0.37	0.00	0.02
19	0.00	0.00	0.00	0.00	0.000	0.000	0.000	0.030	0.00	2.89	0.00	0.00
20	0.00	0.00	0.00	0.00	0.000	0.000	0.060	0.000	0.00	0.16	0.00	0.01
21	0.00	0.34	0.00	0.00	0.050	0.000	0.010	0.030	0.00	0.01	0.00	0.00
22	0.00	0.00	0.00	0.00	0.211	0.000	0.010	0.050	0.00	0.00	0.00	0.00
23	0.00	0.00	0.00	0.00	0.405	0.000	0.030	0.020	0.00	0.01	0.00	0.00
24	0.00	0.00	0.00	0.00	0.405	0.000	0.070	0.000	0.00	0.02	0.00	0.00
25	0.00	0.00	0.00	0.00	0.405	0.000	0.080	0.020	0.00	0.00	0.00	0.01
26	0.00	0.00	0.00	0.17	0.405	0.000	0.030	0.020	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.27	0.405	0.000	0.010	0.010	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.405	0.000	0.020	0.010	0.17	0.02	0.00	0.00
29	0.00	0.00	0.00	0.00	---	0.000	0.000	0.010	0.01	0.00	0.00	0.01
30	0.00	0.40	0.67	0.34	---	0.000	0.000	0.000	0.00	0.62	0.06	0.00
31	0.00	---	0.46	0.02	---	0.000	---	0.000	---	0.01	0.04	---
TOTAL (IN)	0.00	2.18	12.52	1.51	2.69	0.99	1.05	1.85	0.36	4.30	0.21	3.75

WATER YEAR TOTAL = 31.41

NOTE: OCTOBER 2014 THROUGH FEBRUARY 20, 2015 IS FROM STATION 5209 - LAKE ARROWHEAD ASHER



DISCHARGE OF MOJAVE RIVER AT AFTON AND PRECIPITATION AT BARSTOW
WATER YEAR 2014-15

MOJAVE RIVER AT AFTON, CA

U.S.G.S. GAGING STATION NO. 10263000

WATER YEAR 2014-15

AVERAGE DAILY DISCHARGE, CUBIC FEET PER SECOND

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.03	0.25	0.26	0.25	0.13	0.13	0.04	0.00	0.01	0.00
2	0.00	0.00	0.04	0.24	0.27	0.29	0.10	0.11	0.04	0.00	0.00	0.00
3	0.00	0.00	0.06	0.24	0.26	0.29	0.09	0.10	0.03	0.00	0.00	0.00
4	0.00	0.00	0.06	0.24	0.26	0.26	0.10	0.09	0.03	0.00	0.00	0.00
5	0.00	0.00	0.07	0.25	0.26	0.24	0.11	0.09	0.03	0.00	0.00	0.00
6	0.00	0.00	0.09	0.26	0.25	0.25	0.10	0.11	0.03	0.00	0.00	0.00
7	0.00	0.00	0.10	0.27	0.26	0.25	0.10	0.11	0.03	0.00	0.00	0.00
8	0.00	0.00	0.10	0.27	0.25	0.24	0.10	0.13	0.02	0.00	0.00	0.00
9	0.00	0.00	0.11	0.27	0.23	0.24	0.11	0.13	0.03	0.00	0.00	0.00
10	0.00	0.00	0.11	0.29	0.23	0.23	0.13	0.12	0.02	0.00	0.00	0.00
11	0.00	0.00	0.12	0.31	0.23	0.23	0.13	0.12	0.02	0.00	0.00	0.00
12	0.00	0.00	0.14	0.28	0.23	0.23	0.11	0.13	0.02	0.00	0.00	0.00
13	0.00	0.00	0.15	0.29	0.25	0.20	0.12	0.11	0.01	0.00	0.00	0.00
14	0.00	0.00	0.14	0.29	0.26	0.21	0.13	0.11	0.01	0.00	0.00	0.00
15	0.00	0.00	0.15	0.28	0.26	0.24	0.14	0.12	0.01	0.00	0.00	0.00
16	0.00	0.00	0.15	0.27	0.27	0.27	0.14	0.11	0.00	0.00	0.00	0.00
17	0.00	0.00	0.17	0.27	0.26	0.27	0.14	0.10	0.00	0.00	0.00	0.00
18	0.00	0.00	0.16	0.26	0.27	0.26	0.15	0.12	0.00	0.00	0.00	0.00
19	0.00	0.00	0.16	0.28	0.29	0.28	0.13	0.11	0.00	0.00	0.00	0.00
20	0.00	0.00	0.17	0.28	0.29	0.29	0.12	0.10	0.00	0.00	0.00	0.00
21	0.00	0.01	0.17	0.28	0.28	0.31	0.13	0.09	0.00	0.00	0.00	0.00
22	0.00	0.01	0.19	0.26	0.28	0.30	0.15	0.09	0.00	0.00	0.00	0.00
23	0.00	0.01	0.20	0.26	0.42	0.27	0.17	0.11	0.00	0.00	0.00	0.00
24	0.00	0.01	0.20	0.26	0.23	0.23	0.20	0.09	0.00	0.00	0.00	0.00
25	0.00	0.01	0.27	0.26	0.22	0.21	0.24	0.09	0.00	0.00	0.00	0.00
26	0.00	0.01	0.23	0.26	0.27	0.18	0.22	0.09	0.00	0.00	0.00	0.00
27	0.00	0.02	0.23	0.27	0.29	0.20	0.19	0.08	0.00	0.00	0.00	0.00
28	0.00	0.02	0.22	0.23	0.27	0.19	0.17	0.08	0.00	0.00	0.00	0.00
29	0.00	0.02	0.25	0.26	---	0.16	0.17	0.07	0.00	116	0.00	0.00
30	0.00	0.02	0.28	0.27	---	0.14	0.15	0.05	0.00	25	0.00	0.00
31	0.00		0.26	0.27	---	0.12	---	0.05	---	7.9	0.00	---
TOTAL (CFS)	0.00	0.14	4.78	8.27	7.40	7.33	4.17	3.14	0.37	149	0.01	0.00
ACRE-FEET	0.00	0.28	9.48	16.4	14.7	14.5	8.27	6.23	0.73	295	0.02	0.00
WATER YEAR TOTAL =	366 AC-FT											

BARSTOW

NOAA STATION NO. W04-0521-07

WATER YEAR 2014-15

PRECIPITATION, INCHES

[illegible]

APPENDIX D

CALCULATION OF SUBSURFACE FLOWS BETWEEN SUBAREAS

[RESERVED]

APPENDIX E

TRANSFERS OF BASE ANNUAL PRODUCTION,

FREE PRODUCTION ALLOWANCE

AND PRIOR YEAR CARRYOVER

APPENDIX E

MARCH 23, 2016

TRANSFERS OF BASE ANNUAL PRODUCTION,
FREE PRODUCTION ALLOWANCE
AND PRIOR YEAR CARRYOVER
(ALL AMOUNTS IN ACRE-FEET)

ESTE SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2013-14 CARRYOVER ²	2014-15 FPA ³	2013-14 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2013-14 CARRYOVER IN LIEU OF MAKEUP ⁵	2014-15 FPA IN LIEU OF MAKEUP ⁶	
AVILA, ANGEL AND EVALIA		459					CAMPBELL FAMILY TRUST
CLUB VIEW PARTNERS				27			SAN BERNARDINO COUNTY SERVICE AREA 29
M.B. LANDSCAPING AND NURSERY, INC.				37			WEISER, ET AL.
MITSUBISHI CEMENT CORPORATION				80			ROBERTSON'S READY MIX
MITSUBISHI CEMENT CORPORATION				3			SPECIALTY MINERALS, INC.
THE CUSHENBURY TRUST, C/O SPECIALTY MINERALS, INC.				8			SPECIALTY MINERALS, INC.
WEST END MUTUAL WATER COMPANY		8					DESERT DAWN MUTUAL WATER COMPANY
TOTAL		467		155			

APPENDIX E

MARCH 23, 2016

TRANSFERS OF BASE ANNUAL PRODUCTION,
FREE PRODUCTION ALLOWANCE
AND PRIOR YEAR CARRYOVER
(ALL AMOUNTS IN ACRE-FEET)

OESTE SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2013-14 CARRYOVER ²	2014-15 FPA ³	2013-14 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2013-14 CARRYOVER IN LIEU OF MAKEUP ⁵	2014-15 FPA IN LIEU OF MAKEUP ⁶	
AEROCHEM, INC.		500					HETTINGA, HEIN AND ELLEN
AQUA CAPITAL MANAGEMENT, LP	929						PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT
TOTAL	929	500					

APPENDIX E

MARCH 23, 2016

TRANSFERS OF BASE ANNUAL PRODUCTION,
FREE PRODUCTION ALLOWANCE
AND PRIOR YEAR CARRYOVER
(ALL AMOUNTS IN ACRE-FEET)

ALTO SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2013-14 CARRYOVER ²	2014-15 FPA ³	2013-14 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2013-14 CARRYOVER IN LIEU OF MAKEUP ⁵	2014-15 FPA IN LIEU OF MAKEUP ⁶	
ABBOTT FAMILY TRUST		12					ABBOTT, CARRON
ABBOTT FAMILY TRUST	12						ABBOTT, CARRON
ABBOTT FAMILY TRUST	33						CUNNINGHAM, JERRY
ABBOTT FAMILY TRUST		25					CUNNINGHAM, JERRY
ABBOTT FAMILY TRUST	66						HUNT, CONNIE
ABBOTT FAMILY TRUST		52					HUNT, CONNIE
ABBOTT FAMILY TRUST	33						MCKINNEY, PAULA
ABBOTT FAMILY TRUST		25					MCKINNEY, PAULA
ABBOTT, CARRON		12					HESPERIA WATER DISTRICT
ADES, JOHN AND DEVON				13			SAN BERNARDINO COUNTY SERVICE AREA 64
ADES, JOHN AND DEVON				12			SAN BERNARDINO COUNTY SERVICE AREA 70J
AMERICAN STATES WATER COMPANY		200					GOLDEN STATE WATER COMPANY
AMERICAN STATES WATER COMPANY				200			HESPERIA WATER DISTRICT
AMERICAN STATES WATER COMPANY				60			SAN BERNARDINO COUNTY SERVICE AREA 64
AMERICAN STATES WATER COMPANY				140			SAN BERNARDINO COUNTY SERVICE AREA 70J
APPLE VALLEY, TOWN OF		420					APPLE VALLEY RANCHOS WATER COMPANY
APPLE VALLEY, TOWN OF			63				APPLE VALLEY RANCHOS WATER COMPANY
AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE		1,550					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE			862				AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE				1			NUÑEZ, LUIS SEGUNDO
AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE				47			PHAM, ET AL.
AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL		299					ADELANTO, CITY OF
AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL				1,850			ADELANTO, CITY OF
AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL	500						HESPERIA, CITY OF
AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL				568			SPRING VALLEY LAKE ASSOCIATION
AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL			1,058				VICTORVILLE WATER DISTRICT, ID#1
BASS TRUST, NEWTON T.				31			SAN BERNARDINO COUNTY - HIGH DESERT DETENTION FAC
BASS TRUST, NEWTON T.				4			SAN BERNARDINO COUNTY SERVICE AREA 64
BASS TRUST, NEWTON T.		190					SAN BERNARDINO COUNTY SERVICE AREA 64
BASS TRUST, NEWTON T.				185			SAN BERNARDINO COUNTY SERVICE AREA 70J
BASTIANON REVOCABLE TRUST				17			APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
BASTIANON REVOCABLE TRUST		44					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
BEINSCHROTH FAMILY TRUST	9						BRYANT, IAN

APPENDIX E

MARCH 23, 2016

TRANSFERS OF BASE ANNUAL PRODUCTION,
FREE PRODUCTION ALLOWANCE
AND PRIOR YEAR CARRYOVER
(ALL AMOUNTS IN ACRE-FEET)

ALTO SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2013-14 CARRYOVER ²	2014-15 FPA ³	2013-14 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2013-14 CARRYOVER IN LIEU OF MAKEUP ⁵	2014-15 FPA IN LIEU OF MAKEUP ⁶	
BEINSCHROTH FAMILY TRUST				63			MARIANA RANCHOS COUNTY WATER DISTRICT
BEINSCHROTH FAMILY TRUST	20						PAUSTELL, JOAN BEINSCHROTH
BEINSCHROTH FAMILY TRUST				16			RANCHERITOS MUTUAL WATER COMPANY
BEINSCHROTH FAMILY TRUST				51			THUNDERBIRD COUNTY WATER DISTRICT
BEINSCHROTH FAMILY TRUST				367			VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
BEINSCHROTH, A. J.				24			SAN BERNARDINO COUNTY - HIGH DESERT DETENTION FAC
BEINSCHROTH, A. J.				18			VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
BROWN, BOBBY G. AND VALERIA R.		32					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
BROWN, JENNIFER		29					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
BUNNELL, DICK		18					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
CALMAT COMPANY		11					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
CDFW - MOJAVE NARROWS REGIONAL PARK			499				SAN BERNARDINO COUNTY SERVICE AREA 64
CDFW - MOJAVE NARROWS REGIONAL PARK			184				SAN BERNARDINO COUNTY SERVICE AREA 70J
CUNNINGHAM, JERRY		25					HESPERIA WATER DISTRICT
DOLCH, ROBERT AND JUDY		73					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
DORA LAND, INC.		12					AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE
ELISABELLA, LLC		50					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
FEDERAL BUREAU OF PRISONS, VICTORVILLE			412				VICTORVILLE WATER DISTRICT, ID#1
FISCHER, ELMER G. AND BEVERLY C.		28					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
FISHER TRUST, JEROME R.		507					AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE
FRAZIER, ET AL.		19					AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE
FRAZIER, ET AL.				21			SUMMERS FAMILY TRUST
HAAS, BRYAN C. AND HINKLE, MARY H.		8					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
HALANNA EQUITIES III		16					APPLE VALLEY RANCHOS WATER COMPANY
HAMILTON FAMILY TRUST		69					JAMBOREE HOUSING CORPORATION
HARRISON, CONNIE AND HAROLD	5						HELENDALE COMMUNITY SERVICES DISTRICT
HARRISON, CONNIE AND HAROLD		4					HELENDALE COMMUNITY SERVICES DISTRICT
HELENDALE COMMUNITY SERVICES DISTRICT		496					SILVER LAKES ASSOCIATION
HESPERIA, CITY OF				3,742			HESPERIA WATER DISTRICT
HI-GRADE MATERIALS COMPANY				59			AGCON, INC.
HI-GRADE MATERIALS COMPANY		17					LANGLEY - INDUSTRIAL, JAMES
HOLWAY JEFFREY R AND PATRICIA GAGE		7					SILVER LAKES ASSOCIATION
HOLWAY, JEFFREY R		9					SILVER LAKES ASSOCIATION

APPENDIX E

MARCH 23, 2016

TRANSFERS OF BASE ANNUAL PRODUCTION,
FREE PRODUCTION ALLOWANCE
AND PRIOR YEAR CARRYOVER
(ALL AMOUNTS IN ACRE-FEET)

ALTO SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2013-14 CARRYOVER ²	2014-15 FPA ³	2013-14 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2013-14 CARRYOVER IN LIEU OF MAKEUP ⁵	2014-15 FPA IN LIEU OF MAKEUP ⁶	
HUNT, CONNIE		52					HESPERIA WATER DISTRICT
JESS RANCH WATER COMPANY		1,700					APPLE VALLEY RANCHOS WATER COMPANY
JESS RANCH WATER COMPANY				1,085			HESPERIA WATER DISTRICT
JOHNSON, CARLEAN	5						HELENDALE COMMUNITY SERVICES DISTRICT
JOHNSON, CARLEAN				9			LUCKEY, MANLEY J.
JOHNSON, RONALD		25					HESPERIA WATER DISTRICT
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		28					LANGLEY, JAMES
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		36					LANGLEY, JAMES
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		32					LANGLEY, JAMES
KEMPER CAMPBELL RANCH		174					LANGLEY, JAMES
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT				527			HESPERIA WATER DISTRICT
LANGLEY - INDUSTRIAL, JAMES		309					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
LANGLEY - INDUSTRIAL, JAMES				207			CEMEX, INC.
LANGLEY - INDUSTRIAL, JAMES		50					SAN BERNARDINO COUNTY - HIGH DESERT DETENTION FAC
LANGLEY - INDUSTRIAL, JAMES		489					SAN BERNARDINO COUNTY SERVICE AREA 64
LANGLEY - INDUSTRIAL, JAMES		92					SAN BERNARDINO COUNTY SERVICE AREA 64
LANGLEY - INDUSTRIAL, JAMES		216					SAN BERNARDINO COUNTY SERVICE AREA 70J
LANGLEY, JAMES				1			PHAM, ET AL.
LANGLEY, JAMES		74					SAN BERNARDINO COUNTY SERVICE AREA 64
LANGLEY, JAMES		132					SAN BERNARDINO COUNTY SERVICE AREA 70J
LANGLEY, JAMES		113					SAN BERNARDINO COUNTY SERVICE AREA 70J
LANGLEY, JAMES		174					SAN BERNARDINO COUNTY SERVICE AREA 70J
LANGLEY, JAMES				155			SPRING VALLEY LAKE COUNTRY CLUB
LANGLEY, JAMES		200					SPRING VALLEY LAKE COUNTRY CLUB
LANGLEY, JAMES				75			VICTOR VALLEY MEMORIAL PARK
LAWSON, ERNEST AND BARBARA				7			APPLE VALLEY VIEW MUTUAL WATER COMPANY
LAWSON, ERNEST AND BARBARA		3					AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE
LHC ALLIGATOR, LLC		399					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
LOW, DEAN				160			SAN BERNARDINO COUNTY SERVICE AREA 70J
LUCKEY, MANLEY J.			9				JOHNSON, CARLEAN
MCINNIS, WILLIAM S.				10			APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
MCKINNEY, PAULA		25					HESPERIA WATER DISTRICT
MLH, LLC		11					HESPERIA WATER DISTRICT

APPENDIX E

MARCH 23, 2016

TRANSFERS OF BASE ANNUAL PRODUCTION,
FREE PRODUCTION ALLOWANCE
AND PRIOR YEAR CARRYOVER
(ALL AMOUNTS IN ACRE-FEET)

ALTO SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2013-14 CARRYOVER ²	2014-15 FPA ³	2013-14 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2013-14 CARRYOVER IN LIEU OF MAKEUP ⁵	2014-15 FPA IN LIEU OF MAKEUP ⁶	
NUNN, DONALD AND PEARL		28					AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE
PAUSTELL, JOAN BEINSCROTH	20						BRYANT, IAN
PERRY REVOCABLE LIVING TRUST, THOMAS AND PATRICIA		3					AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE
PERRY REVOCABLE LIVING TRUST, THOMAS AND PATRICIA	5						HELENDALE COMMUNITY SERVICES DISTRICT
POLICH, LEE AND DONNA		52					HESPERIA WATER DISTRICT
RIM PROPERTIES, A GENERAL PARTNERSHIP		8					AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE
RIVERSIDE CEMENT COMPANY - AGRICULTURE		515					LANGLEY, JAMES
RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT		1,346					LANGLEY - INDUSTRIAL, JAMES
ROSS, CARL E. LIVING TRUST	814						HELENDALE COMMUNITY SERVICES DISTRICT
RUE RANCH		24					APPLE VALLEY RANCHOS WATER COMPANY
RUE RANCH			20				APPLE VALLEY RANCHOS WATER COMPANY
SAN BERNARDINO COUNTY SERVICE AREA 42				96			SAN BERNARDINO COUNTY SERVICE AREA 64
SAN BERNARDINO COUNTY SERVICE AREA 42				96			SAN BERNARDINO COUNTY SERVICE AREA 70J
SAN BERNARDINO COUNTY SERVICE AREA 64				499			CDFW - MOJAVE NARROWS REGIONAL PARK
SAN BERNARDINO COUNTY SERVICE AREA 70J				184			CDFW - MOJAVE NARROWS REGIONAL PARK
SAPP, ROBERT D. AND LEE, TERESA J.		27					AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE
SCRAY, MICHELLE A. TRUST		11					LANGLEY, JAMES
STORM, RANDALL		50					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
SUDMEIER, GLENN W.		14					LANGLEY, JAMES
SUMMIT VALLEY RANCH, LLC				12			HESPERIA - GOLF COURSE, CITY OF
SUMMIT VALLEY RANCH, LLC				24			HESPERIA WATER DISTRICT
THOMPSON LIVING TRUST, JAMES A. AND SULA B.		326					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
THOMPSON LIVING TRUST, R.L. AND R.A.		4					AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE
THRASHER, GARY		262					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
VANHOOPS HOLDINGS, LP		273					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
VOGLER, ALBERT H. AND RITA K.		49					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
WAGNER FAMILY TRUST		980					AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE
WARD, KEN AND BARBARA		52					LANGLEY, JAMES
WEST, HOWARD AND SUZY		58					LANGLEY, JAMES
WEST, JIMMIE E.		7					AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE
WYATT FAMILY TRUST				56			SAN BERNARDINO COUNTY SERVICE AREA 70J
TOTAL	1,522	12,564	3,107	10,692			

APPENDIX E

MARCH 23, 2016

TRANSFERS OF BASE ANNUAL PRODUCTION,
FREE PRODUCTION ALLOWANCE
AND PRIOR YEAR CARRYOVER
(ALL AMOUNTS IN ACRE-FEET)

CENTRO SUBAREA

TRANSFEROR	TRANSFER AMOUNT					TRANSFEREE
	BASE ANNUAL PRODUCTION ¹	2013-14 CARRYOVER ²	2014-15 FPA ³	2013-14 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2013-14 CARRYOVER IN LIEU OF MAKEUP ⁵	
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT					5	APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT					4	APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT					1	MCINNIS, WILLIAM S.
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT					4	THUNDERBIRD COUNTY WATER DISTRICT
AQUA CAPITAL MANAGEMENT, LP					136	ADELANTO, CITY OF
AQUA CAPITAL MANAGEMENT, LP					2	APPLE VALLEY VIEW MUTUAL WATER COMPANY
AQUA CAPITAL MANAGEMENT, LP					14	APPLE VALLEY, TOWN OF
AQUA CAPITAL MANAGEMENT, LP				4		BAR-LEN MUTUAL WATER COMPANY
AQUA CAPITAL MANAGEMENT, LP					5	BEINSCHROTH FAMILY TRUST
AQUA CAPITAL MANAGEMENT, LP					2	BEINSCHROTH, A. J.
AQUA CAPITAL MANAGEMENT, LP					1	DOLCH, ROBERT AND JUDY
AQUA CAPITAL MANAGEMENT, LP					57	HELENDALE COMMUNITY SERVICES DISTRICT
AQUA CAPITAL MANAGEMENT, LP					75	HESPERIA WATER DISTRICT
AQUA CAPITAL MANAGEMENT, LP					2	JOHNSON, CARLEAN
AQUA CAPITAL MANAGEMENT, LP					13	LUCKEY, MANLEY J.
AQUA CAPITAL MANAGEMENT, LP					9	PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT
AQUA CAPITAL MANAGEMENT, LP					6	RANCHERITOS MUTUAL WATER COMPANY
AQUA CAPITAL MANAGEMENT, LP					1	SAPP, ROBERT D. AND LEE, TERESA J.
AQUA CAPITAL MANAGEMENT, LP					115	SPRING VALLEY LAKE ASSOCIATION
AQUA CAPITAL MANAGEMENT, LP					1	THOMPSON LIVING TRUST, JAMES A. AND SULA B.
AQUA CAPITAL MANAGEMENT, LP					1	THOMPSON LIVING TRUST, R.L. AND R.A.
AQUA CAPITAL MANAGEMENT, LP					2	THRASHER, GARY
AQUA CAPITAL MANAGEMENT, LP					1	VANHOOPS HOLDINGS, LP
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY					7	AGCON, INC.
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY					57	CEMEX, INC.
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY					1	HI-GRADE MATERIALS COMPANY
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY					18	RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT
BROMMER FAMILY TRUST					8	MARIANA RANCHOS COUNTY WATER DISTRICT
BROMMER FAMILY TRUST					2	NAVAJO MUTUAL WATER COMPANY
BROMMER FAMILY TRUST					181	SILVER LAKES ASSOCIATION
BROMMER FAMILY TRUST					8	VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
BROMMER FAMILY TRUST					2	WESTLAND INDUSTRIES, INC.
CONTRATTO, ERSULA					75	HESPERIA WATER DISTRICT

APPENDIX E

MARCH 23, 2016

TRANSFERS OF BASE ANNUAL PRODUCTION,
FREE PRODUCTION ALLOWANCE
AND PRIOR YEAR CARRYOVER
(ALL AMOUNTS IN ACRE-FEET)

CENTRO SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFEE
	BASE ANNUAL PRODUCTION ¹	2013-14 CARRYOVER ²	2014-15 FPA ³	2013-14 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2013-14 CARRYOVER IN LIEU OF MAKEUP ⁵	2014-15 FPA IN LIEU OF MAKEUP ⁶	
DORRANCE, DAVID W. AND TAMELA L.					16		SPRING VALLEY LAKE COUNTRY CLUB
FRATES, D. COLE					11		KEMPER CAMPBELL RANCH
GOLDEN STATE WATER COMPANY					272		APPLE VALLEY RANCHOS WATER COMPANY
GOLDEN STATE WATER COMPANY					66		CDFW - MOJAVE NARROWS REGIONAL PARK
GOLDEN STATE WATER COMPANY					51		GOLDEN STATE WATER COMPANY
GOLDEN STATE WATER COMPANY					21		HESPERIA - GOLF COURSE, CITY OF
GOLDEN STATE WATER COMPANY					186		HESPERIA WATER DISTRICT
GOLDEN STATE WATER COMPANY		800					HUERTA, HECTOR
GOLDEN STATE WATER COMPANY					40		JESS RANCH WATER COMPANY
GOLDEN STATE WATER COMPANY					5		SAN BERNARDINO COUNTY SERVICE AREA 42
GOLDEN STATE WATER COMPANY					146		SAN BERNARDINO COUNTY SERVICE AREA 64
GOLDEN STATE WATER COMPANY					64		SAN BERNARDINO COUNTY SERVICE AREA 70J
GOLDEN STATE WATER COMPANY		1,600					VERNOLA TRUST, PAT AND MARY ANN
HELENDALE COMMUNITY SERVICES DISTRICT					16		HELENDALE COMMUNITY SERVICES DISTRICT
HELENDALE COMMUNITY SERVICES DISTRICT						16	HELENDALE COMMUNITY SERVICES DISTRICT
HILL FAMILY TRUST AND HILL'S RANCH, INC.					272		APPLE VALLEY RANCHOS WATER COMPANY
HILL FAMILY TRUST AND HILL'S RANCH, INC.					41		JESS RANCH WATER COMPANY
KIM, JIN S. AND HYUN H.					95		HESPERIA WATER DISTRICT
PACIFIC GAS AND ELECTRIC COMPANY		300					HARMSSEN FAMILY TRUST
SOPPELAND, WAYNE				4			BARSTOW COMMUNITY DEVELOPERS, LLC
SOPPELAND, WAYNE				2			HI DESERT MUTUAL WATER COMPANY
SOPPELAND, WAYNE				6			NURSERY PRODUCTS LLC
VICTORVILLE WATER DISTRICT, ID#1					637		VICTORVILLE WATER DISTRICT, ID#1
VICTORVILLE WATER DISTRICT, ID#1						151	VICTORVILLE WATER DISTRICT, ID#1
VICTORVILLE WATER DISTRICT, ID#1						91	VICTORVILLE WATER DISTRICT, ID#2
WERNER, ANDREW J.					15		SPRING VALLEY LAKE COUNTRY CLUB
WESTERN DEVELOPMENT AND STORAGE, LLC					5		AGCON, INC.
TOTAL		2,700		16	2,775	258	

APPENDIX E

MARCH 23, 2016

TRANSFERS OF BASE ANNUAL PRODUCTION,
FREE PRODUCTION ALLOWANCE
AND PRIOR YEAR CARRYOVER
(ALL AMOUNTS IN ACRE-FEET)

BAJA SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2013-14 CARRYOVER ²	2014-15 FPA ³	2013-14 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2013-14 CARRYOVER IN LIEU OF MAKEUP ⁵	2014-15 FPA IN LIEU OF MAKEUP ⁶	
AQUA CAPITAL MANAGEMENT, LP	916						CALICO LAKES HOMEOWNERS ASSOCIATION
AQUA CAPITAL MANAGEMENT, LP				34			CALICO LAKES HOMEOWNERS ASSOCIATION
AQUA CAPITAL MANAGEMENT, LP			504				KIM, JOON HO AND MAL BOON REVOCABLE TRUST
AQUA CAPITAL MANAGEMENT, LP				108			LAKE JODIE PROPERTY OWNERS ASSOCIATION
AQUA CAPITAL MANAGEMENT, LP				30			SECURITY PAVING COMPANY, INC.
AQUA CAPITAL MANAGEMENT, LP				166			ST. ANTONY COPTIC ORTHODOX MONASTERY
AQUA CAPITAL MANAGEMENT, LP		166					ST. ANTONY COPTIC ORTHODOX MONASTERY
AQUA CAPITAL MANAGEMENT, LP				41			VAN BASTELAAR, ALPHONSE
AQUA CAPITAL MANAGEMENT, LP				92			WET SET, INC.
ARCHIBEK, ERIC		272					KASNER FAMILY LIMITED PARTNERSHIP
ARCHIBEK, ERIC			260				KASNER FAMILY LIMITED PARTNERSHIP
BEDINGFIELD, LYNDELL AND CHARLENE	56						MCDONNELL, JEFFREY P. AND MICHAEL F.
BEDINGFIELD, LYNDELL AND CHARLENE		33					MCDONNELL, JEFFREY P. AND MICHAEL F.
BENDER TRUST, DOLORES M.		35					WET SET, INC.
CLINE, VIVIAN D.	20						LAKE WAINANI OWNERS ASSOCIATION
DOLORES M. BENDER TRUST	60						WET SET, INC.
GENON ENERGY, INC.		55					CHEYENNE LAKE, INC.
GENON ENERGY, INC.		300					CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
GENON ENERGY, INC.		925					KASNER, ROBERT
GENON ENERGY, INC.		160					LAKE JODIE PROPERTY OWNERS ASSOCIATION
GENON ENERGY, INC.				97			O. F. D. L., INC.
GENON ENERGY, INC.		85					O. F. D. L., INC.
GENON ENERGY, INC.				38			SUNDOWN LAKES, INC.
GENON ENERGY, INC.		38					SUNDOWN LAKES, INC.
GENON ENERGY, INC.		140					SUNRAY ENERGY, INC.
GENON ENERGY, INC.				39			WLSR, INC.
GENON ENERGY, INC.		39					WLSR, INC.
HASS, PAULINE L.				20			LAKE JODIE PROPERTY OWNERS ASSOCIATION
HILARIDES 1998 REVOCABLE FAMILY TRUST		160					CF PROPERTIES, LLC
HUTCHISON TRUST, WILLIAM O.		200					GABRYCH, EUGENE
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST		20					IRVIN, BERTRAND W.
JOHNSON, JAMES R. AND ELLEN				113			LAKE JODIE PROPERTY OWNERS ASSOCIATION
MCDONNELL, JEFFREY P. AND MICHAEL F.		33					O. F. D. L., INC.

APPENDIX E

MARCH 23, 2016

TRANSFERS OF BASE ANNUAL PRODUCTION,
FREE PRODUCTION ALLOWANCE
AND PRIOR YEAR CARRYOVER
(ALL AMOUNTS IN ACRE-FEET)

BAJA SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFEEE
	BASE ANNUAL PRODUCTION ¹	2013-14 CARRYOVER ²	2014-15 FPA ³	2013-14 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2013-14 CARRYOVER IN LIEU OF MAKEUP ⁵	2014-15 FPA IN LIEU OF MAKEUP ⁶	
MCDONNELL, JEFFREY P. AND MICHAEL F.	56						O. F. D. L., INC.
MORRIS TRUST, JULIA V.		173					CF PROPERTIES, LLC
MURPHY, JEAN				10			LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEW SPRINGS LIMITED PARTNERSHIP		166					AQUA CAPITAL MANAGEMENT, LP
NEW SPRINGS LIMITED PARTNERSHIP		471					AQUA CAPITAL MANAGEMENT, LP
RIEGER FAMILY TRUST, WALTER M.	62						DE JONG FAMILY TRUST
RIEGER FAMILY TRUST, WALTER M.		36					DE JONG FAMILY TRUST
TSUI, RICHARD		272					ARCHIBEK, ERIC
TSUI, RICHARD			260				ARCHIBEK, ERIC
WEIDKNECHT, ARTHUR J. AND PEGGY A.		10					DE JONG FAMILY TRUST
WEIDKNECHT, ARTHUR J. AND PEGGY A.	16						DE JONG FAMILY TRUST
WESTERN HORIZON ASSOCIATES, INC.		200					DE JONG FAMILY TRUST
WESTERN HORIZON ASSOCIATES, INC.		200					KIM, JOON HO AND MAL BOON REVOCABLE TRUST
YERMO WATER COMPANY	453						APPLE VALLEY RANCHOS WATER COMPANY
YERMO WATER COMPANY		261					APPLE VALLEY RANCHOS WATER COMPANY
TOTAL	1,639	4,042	1,024	788			
TOTAL - ALL SUBAREAS	4,090	20,273	4,131	11,651	2,775	258	

NOTES FOR APPENDIX E

- 1 TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT DURING 2014-15.
- 2 TRANSFERS OF 2013-14 CARRYOVER (UNUSED FPA) FOR USE DURING 2014-15.
- 3 TRANSFERS OF 2014-15 FREE PRODUCTION ALLOWANCE FOR USE DURING 2014-15.
- 4 2013-14 CARRYOVER IN LIEU OF REPLACEMENT TRANSFERS ARE MADE ONLY FOR SATISFACTION OF REPLACEMENT WATER OBLIGATIONS INCURRED DURING 2013-14.
- 5 2013-14 CARRYOVER IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2013-14.
- 6 2014-15 FPA IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2013-14.

APPENDIX F

BALANCES IN STORAGE AGREEMENTS

APPENDIX F

MARCH 23, 2016

STORAGE AGREEMENT ACCOUNTING AND BALANCES**2014-15 WATER YEAR****(ALL AMOUNTS IN ACRE-FEET)**

STORER	STORAGE AGREEMENT				ACTIVITY				BALANCE AS OF 9/30/15
	INITIATION DATE	EXPIRATION DATE	MAXIMUM AMOUNT	AMOUNT STORED AS OF 10/1/14	ADDITIONS	LOSSES	DISSIPATION	EXTRACTIONS	
VICTORVILLE WATER DISTRICT, ID#1	05/23/2012	05/31/2017	13,000	3,656.09	540.96	TBD	-448.00	-708.18	3,040.87

NOTES:

LOSSES INCLUDE SHRINKAGE, RECHARGE LOSSES AND MIGRATION LOSSES OR SPILLAGE AMOUNTS LOST TO BASIN DISCHARGE. LOSSES HAVE NOT BEEN DETERMINED AS OF THIS REPORT.

DISSIPATION INCLUDES GROUNDWATER DISSIPATED TO MOJAVE RIVER AS CALCULATED BY THE CEC AND REPORTED TO HDPP.

APPENDIX G

AUDITOR'S REPORT

AS OF JUNE 30, 2015



Mojave Basin Area Watermaster
A Component Unit of the Mojave Water Agency

Annual Financial Report

For the Fiscal Years Ended June 30, 2015 and 2014



**Mojave Basin Area Watermaster
Annual Financial Report
For the Fiscal Years Ended June 30, 2015 and 2014**

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Financial Section



Fedak & Brown LLP

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Independent Auditor's Report

Board of Directors
Mojave Basin Area Watermaster
Apple Valley, California

Report on the Financial Statements

We have audited the accompanying financial statements of the Mojave Basin Area Watermaster (Watermaster), a component unit of the Mojave Water Agency which comprises the statements of net position as of June 30, 2015 and 2014, and the related statements of revenues, expenses and changes in net position, and cash flows for the years then ended, and the related notes to the financial statements, which collectively comprise the Watermaster's basic financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal controls relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these basic financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States; 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 involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

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

Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Mojave Basin Area Watermaster as of June 30, 2015 and 2014, and the changes in its net position and its cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

Independent Auditor's Report, continued

Emphasis of Matter

As described in note 1 to the financial statements, the Watermaster adopted the provisions of Governmental Accounting Standards Board Statement No. 68, *Accounting and Financial Reporting for Pensions*, and No. 71, *Pension Transition for Contributions made Subsequent to the Measurement Date – An Amendment of GASB Statement No. 68*, for the year ended June 30, 2015. Our opinion is not modified with respect to this matter.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 3 through 5 and the required supplementary information on page 22 and 23 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audits of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Restatement

As part of our audit of the June 30, 2015, financial statements, we audited the adjustments described in note 5. The Watermaster recognized its proportionate share of net pension liability; and reclassified its proportionate share of employer pension contributions from expense to deferred outflows of resources and recorded a prior period adjustment to restate the beginning net position as of July 1, 2014.

Other Reporting Required by Government Auditing Standards

In accordance with Government Auditing Standards, we have also issued a report dated November 18, 2015, on our consideration of the Watermaster'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 in considering the Watermaster's internal control over financial reporting and compliance. This report can be found on pages 24 and 25.

Fedak & Brown LLP

Fedak & Brown LLP

Cypress, California
November 18, 2015

Mojave Basin Area Watermaster
Management's Discussion and Analysis
For the Fiscal Years Ended June 30, 2015 and 2014

The following Management's Discussion and Analysis (MD&A) of activities and financial performance of the Mojave Basin Area Watermaster (Watermaster) provides an introduction to the financial statements of the Watermaster for the fiscal years ended June 30, 2015 and 2014. The two year presentation is provided for comparative purposes. We encourage readers to consider the information presented here in conjunction with the basic financial statements and related notes, which follow this section.

Financial Highlights

- The Watermaster's net position decreased 39.4% or \$441,293 to \$679,442 in fiscal year 2015, as a result of a \$31,640 increase from ongoing operations, offset by a \$472,933 decrease related to the implementation of GASB 68. See note 5 for further discussion. In fiscal year 2014, the Watermaster's net position decreased 1.6% or \$18,150 to \$1,120,735 as a result of that year's operations.
- The Watermaster's operating revenues increased 18.6% or \$453,403 in 2015 primarily due to an increase of \$467,639 in replacement assessments as a result of an increase in pumping demand. In fiscal year 2014, the Watermaster's operating revenues decreased 11.6% or \$319,053 primarily due to a decrease of \$326,861 in replacement assessments as a result of a reduction in pumping demand.
- The Watermaster's operating expenses increased 23.4% or \$520,245 in 2015 primarily due to increases of \$470,331 in state water project importation charges and \$49,914 in operating costs. In fiscal year 2014, the Watermaster's operating expenses decreased 12.2% or \$309,171 primarily due to a decrease of \$326,680 in state water project importation charges as a result of decreased demand.

Required Financial Statements

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

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

Financial Analysis of the Watermaster

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

Mojave Basin Area Watermaster
Management's Discussion and Analysis, continued
For the Fiscal Years Ended June 30, 2015 and 2014

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 position* and changes in net position. You can think of the Watermaster's net position – the difference between assets, deferred outflows of resources, and liabilities, and deferred inflows of resources – as one way to measure the Watermaster's financial health, or *financial position*. Over time, *increases or decreases* in the Watermaster's net position 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 10 through 21.

Statements of Net Position

Condensed Statements of Net Position					
	<u>2015</u>	<u>2014</u>	<u>Change</u>	<u>2013</u>	<u>Change</u>
Assets:					
Current assets	\$ 3,617,659	3,453,134	164,525	3,494,458	(41,324)
Total assets	<u>3,617,659</u>	<u>3,453,134</u>	<u>164,525</u>	<u>3,494,458</u>	<u>(41,324)</u>
Deferred outflows of resources	<u>63,214</u>	<u>-</u>	<u>63,214</u>	<u>-</u>	<u>-</u>
Liabilities:					
Current liabilities	<u>2,862,384</u>	<u>2,332,399</u>	<u>529,985</u>	<u>2,355,573</u>	<u>(23,174)</u>
Total liabilities	<u>2,862,384</u>	<u>2,332,399</u>	<u>529,985</u>	<u>2,355,573</u>	<u>(23,174)</u>
Deferred inflows of resources	<u>139,047</u>	<u>-</u>	<u>139,047</u>	<u>-</u>	<u>-</u>
Net position:					
Restricted for watermaster	<u>679,442</u>	<u>1,120,735</u>	<u>(441,293)</u>	<u>1,138,885</u>	<u>(18,150)</u>
Total net position	<u>\$ 679,442</u>	<u>1,120,735</u>	<u>(441,293)</u>	<u>1,138,885</u>	<u>(18,150)</u>

As noted earlier, net position 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 \$679,442 and \$1,120,735 as of June 30, 2015 and 2014, respectively.

At the end of fiscal years 2015 and 2014, the Watermaster showed a restricted net position balance of \$679,442 and \$1,120,735, respectively, which is restricted for the Biological Resources Trust Fund, Watermaster administrative costs, replacement water and make-up water. The sources that feed each of these funds are dictated by the Judgment. Uses of these funds can only be used for the purpose stated in the Judgment.

Mojave Basin Area Watermaster
Management's Discussion and Analysis, continued
For the Fiscal Years Ended June 30, 2015 and 2014

Statements of Revenues, Expenses and Changes in Net Position

Condensed Statements of Revenues, Expenses and Changes in Net Position

	<u>2015</u>	<u>2014</u>	<u>Change</u>	<u>2013</u>	<u>Change</u>
Revenue:					
Operating revenue	\$ 2,887,177	2,433,774	453,403	2,752,827	(319,053)
Non-operating revenue	2,384	2,230	154	1,891	339
Total revenue	<u>2,889,561</u>	<u>2,436,004</u>	<u>453,557</u>	<u>2,754,718</u>	<u>(318,714)</u>
Expense:					
Operating expense	2,739,385	2,219,140	520,245	2,528,311	(309,171)
Non-operating expense	118,536	235,014	(116,478)	310	234,704
Total expense	<u>2,857,921</u>	<u>2,454,154</u>	<u>403,767</u>	<u>2,528,621</u>	<u>(74,467)</u>
Net income(loss)	<u>31,640</u>	<u>(18,150)</u>	<u>49,790</u>	<u>226,097</u>	<u>(244,247)</u>
Change in net position	<u>31,640</u>	<u>(18,150)</u>	<u>49,790</u>	<u>226,097</u>	<u>(244,247)</u>
Net position – beginning of year	1,120,735	1,138,885	(18,150)	912,788	226,097
Prior period adjustment	<u>(472,933)</u>	<u>-</u>	<u>(472,933)</u>	<u>-</u>	<u>-</u>
Net position, beginning of year – as restated	<u>647,802</u>	<u>1,138,885</u>	<u>(491,083)</u>	<u>912,788</u>	<u>226,097</u>
Net position – end of year	<u>\$ 679,442</u>	<u>1,120,735</u>	<u>(441,293)</u>	<u>1,138,885</u>	<u>(18,150)</u>

The statements of revenues, expenses and changes in net position show how the Watermaster's net position changed during the fiscal years. In the case of the Watermaster, net position decreased by \$679,442 for the fiscal year ended June 30, 2015, as a result of a \$31,640 increase from ongoing operations, offset by a \$472,933 decrease related to the implementation of GASB 68. See note 5 for further discussion. For fiscal year ended June 30, 2014, net position decreased by \$18,150 as a result of that year's operations.

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

In fiscal year 2015, the Watermaster's operating revenues increased 18.6% or \$453,403 in 2015 primarily due to an increase of \$467,639 in replacement assessments as a result of an increase in pumping demand. In fiscal year 2014, the Watermaster's operating revenues decreased 11.6% or \$319,053 primarily due to a decrease of \$326,861 in replacement assessments as a result of a reduction in pumping demand.

In fiscal year 2015, the Watermaster's operating expenses increased 23.4% or \$520,245 in 2015 primarily due to increases of \$470,331 in state water project importation charges and \$49,914 in operating costs. In fiscal year 2014, the Watermaster's operating expenses decreased 12.2% or \$309,171 primarily due to a decrease of \$326,680 in state water project importation charges as a result of decreased demand.

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 position 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 Mojave Water Agency's Chief Financial Officer at 13846 Conference Center Drive, Apple Valley, CA 92307.

Basic Financial Statements

Mojave Basin Area Watermaster
Statements of Net Position
June 30, 2015 and 2014

	<u>2015</u>	<u>2014</u>
Current assets:		
Cash and cash equivalents – restricted (note 2)	\$ 3,515,929	1,568,725
Accrued interest receivable	649	505
Accounts receivable – watermaster assessments	<u>101,081</u>	<u>1,883,904</u>
Total current assets	<u>3,617,659</u>	<u>3,453,134</u>
Deferred outflows of resources:		
Deferred pension outflows (note 4)	<u>63,214</u>	<u>-</u>
Total deferred outflows of resources	<u>63,214</u>	<u>-</u>
Current liabilities:		
Accounts payable and accrued expenses (note 3)	2,456,017	2,063,001
Due to Mojave Water Agency	11,156	269,398
Net pension liability (note 4)	<u>395,211</u>	<u>-</u>
Total current liabilities	<u>2,862,384</u>	<u>2,332,399</u>
Deferred inflows of resources		
Deferred pension inflows (note 4)	<u>139,047</u>	<u>-</u>
Total deferred inflows of resources	<u>139,047</u>	<u>-</u>
Net position: (note 5)		
Restricted for watermaster	<u>679,442</u>	<u>1,120,735</u>
Total net position	<u>\$ 679,442</u>	<u>1,120,735</u>

See accompanying notes to the basic financial statements

Mojave Basin Area Watermaster
Statements of Revenues, Expenses and Changes in Net Position
For the Fiscal Years Ended June 30, 2015 and 2014

	<u>2015</u>	<u>2014</u>
Operating revenues:		
Administrative assessments	\$ 466,322	482,761
Biological assessments	114,099	114,588
Replacement assessments	2,304,064	1,836,425
Make-up assessments	<u>2,692</u>	<u>-</u>
Total operating revenues	<u>2,887,177</u>	<u>2,433,774</u>
Operating expenses:		
State water project importation charges	2,306,756	1,836,425
Operating costs	<u>432,629</u>	<u>382,715</u>
Total operating expenses	<u>2,739,385</u>	<u>2,219,140</u>
Operating income	<u>147,792</u>	<u>214,634</u>
Non-operating revenue(expense)		
Investment earnings	2,384	2,230
Property tax and assessment collection charges	-	(14)
Other non-operating expense	<u>(118,536)</u>	<u>(235,000)</u>
Total non-operating revenues, net	<u>(116,152)</u>	<u>(232,784)</u>
Change in net position	<u>31,640</u>	<u>(18,150)</u>
Net position – beginning of year	1,120,735	1,138,885
Prior period adjustment (note 5)	<u>(472,933)</u>	<u>-</u>
Net position, beginning of year -as restated	<u>647,802</u>	<u>-</u>
Net position – end of year	<u><u>\$ 679,442</u></u>	<u><u>1,120,735</u></u>

See accompanying notes to the basic financial statements

Mojave Basin Area Watermaster
Statements of Cash Flows
For the Fiscal Years Ended June 30, 2015 and 2014

	<u>2015</u>	<u>2014</u>
Cash flows from operating activities:		
Cash receipts from customers	\$ 4,670,000	618,918
Cash paid to vendors and suppliers	(2,118,967)	(2,338,569)
Cash paid to employees for salaries and wages	<u>(347,827)</u>	<u>(347,827)</u>
Net cash provided(used) by operating activities	<u>2,203,206</u>	<u>(2,067,478)</u>
Cash flows from non-capital financing activities:		
Transfers (to)from Mojave Water Agency	<u>(258,242)</u>	<u>209,068</u>
Net cash provided(used) by non-capital financing activities	<u>(258,242)</u>	<u>209,068</u>
Cash flows from investing activities:		
Investment earnings	<u>2,240</u>	<u>2,280</u>
Net cash provided by investing activities	<u>2,240</u>	<u>2,280</u>
Net increase(decrease) in cash and cash equivalents	1,947,204	(1,856,130)
Cash and cash equivalents – beginning of year	<u>1,568,725</u>	<u>3,424,855</u>
Cash and cash equivalents – end of year	<u><u>\$ 3,515,929</u></u>	<u><u>1,568,725</u></u>
Reconciliation of cash and cash equivalents to statements of financial position:		
Cash and cash equivalents – restricted	\$ <u>3,515,929</u>	<u>1,568,725</u>
Total cash and cash equivalents	<u><u>\$ 3,515,929</u></u>	<u><u>1,568,725</u></u>

Continued on next page

See accompanying notes to the basic financial statements

Mojave Basin Area Watermaster
Statements of Cash Flows, continued
For the Fiscal Years Ended June 30, 2015 and 2014

	<u>2015</u>	<u>2014</u>
Reconciliation of operating income to net cash provided by operating activities:		
Operating income	\$ <u>147,792</u>	<u>214,634</u>
Adjustments to reconcile operating income to net cash provided(used) by operating activities:		
Property tax and assessment collection charges	-	(14)
Other non-operating expense	(118,536)	(235,000)
Changes in assets, deferred outflows of resources, liabilities and deferred inflows of resources:		
(Increase) Decrease in assets and deferred outflows of resources:		
Accounts receivable – watermaster assessments	1,782,823	(1,814,856)
Deferred pension outflows	(63,214)	-
Increase (Decrease) in liabilities and deferred inflows of resources:		
Accounts payable and accrued expenses	393,016	(232,242)
Net pension liability	(77,722)	-
Deferred pension inflows	<u>139,047</u>	<u>-</u>
Total adjustments	<u>2,055,414</u>	<u>(2,282,112)</u>
Net cash provided(used) by operating activities	\$ <u><u>2,203,206</u></u>	<u><u>(2,067,478)</u></u>

See accompanying notes to the basic financial statements

Mojave Basin Area Watermaster
Notes to the Financial Statements
For the Fiscal Years Ended June 30, 2015 and 2014

(1) Reporting Entity and Summary of Significant Accounting Policies

A. Organization and Operations of the Reporting Entity

The Mojave Water Agency (Agency) was organized July 21, 1960, by an act of the legislature of the State of California known as the Mojave Water Agency Act. Within the limits of its power and authority set forth in this act, the purpose of the Agency is to do any and every act necessary so that sufficient water may be available for any present or future beneficial use of lands and inhabitants of the Agency, including, but not limited to, construction, maintenance, alteration, purchase, and operation of any and all works or improvements within the Agency necessary or proper to carry out any object or purpose of this act; and the gathering of data for, and the development and implementation of, after consultation and coordination with all public and private water entities who are in any way affected, management and master plans to mitigate the cumulative overdraft of groundwater basins, to monitor the condition of the groundwater basins, to pursue all necessary water conservation measures, and to negotiate for additional water supplies from all state, federal, and local sources. The Agency is governed by a seven-member Board of Directors who serves overlapping four-year terms.

In 1994, to administer the provisions of the groundwater adjudication judgment, the Superior Court of Riverside appointed the Agency as the Mojave Basin Area Watermaster (Watermaster) and ordered the Watermaster to formulate a plan and program for management of the Basin's resources. Although the Watermaster is legally separate, it is included as a blended component unit of the Agency, as it is in substance part of the Agency's operations as it is governed by the same Board of Directors. Complete financial statements for the Watermaster are available at the Agency's office or upon request of the Agency's Chief Financial Officer at 13846 Conference Center Drive, Apple Valley, CA 92307.

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 delivering wholesale water to its service area on a continuing basis be financed or recovered primarily through user charges (assessments). 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 Watermaster assessments, result from exchange transactions associated with the principal activity of the Agency. Exchange transactions are those in which each party receives and gives up essentially equal values. The principal operating revenues of the Watermaster are water sales (assessments) to member water right holders. Management, administration and depreciation expenses are also considered operating expenses. Other revenues and expenses not included in the above categories are reported as non-operating revenues and expenses.

C. Financial Reporting

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

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2015 and 2014

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

C. Financial Reporting, continued

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

In June 2012, the GASB issued Statement No. 68 – *Accounting and Financial Reporting for Pensions—an amendment of GASB Statement No. 27*, effective for financial statements for fiscal years beginning after June 15, 2014. The Watermaster implemented this new pronouncement in the current year. The purpose of GASB 68 is to improve accounting and financial reporting by state and local governments for pensions. It also improves information provided by state and local governmental employers about financial support for pensions that is provided by other entities. This Statement results from a comprehensive review of the effectiveness of existing standards of accounting and financial reporting for pensions with regard to providing decision-useful information, supporting assessments of accountability and inter-period equity, and creating additional transparency.

In January 2013, the GASB issued Statement No. 69 – *Government Combinations and Disposals of Government Operations*, effective for financial statements for periods beginning after December 15, 2013. The Watermaster implemented this new pronouncement in the current year. At June 30, 2015, there was no effect of the implementation of this statement to the Watermaster.

In November 2013, the GASB issued Statement No. 71 – *Pension Transition for Contributions made Subsequent to the Measurement Date – An Amendment of GASB Statement No. 68*. The Watermaster implemented this new pronouncement in the current year. The effect of the implementation of this statement to the Watermaster is to address an issue regarding application of the transition provisions of Statement No. 68, *Accounting and Financial Reporting for Pensions*. The issue relates to amounts associated with contributions, if any, made by a state or local government employer or non-employer contributing entity to a defined benefit pension plan after the measurement date of the government's beginning net pension liability. The provisions of this Statement are required to be applied simultaneously with the provisions of GASB Statement No. 68.

Prior Year Financial Data Presentation

The Watermaster has determined to present the annual financial statements with prior year data for comparative purposes, but not restate the prior year data with regard to the effects of GASB 68 and 71, as all information available to restate prior year amounts was not readily available.

D. Assets, Liabilities and Net Position

1. Use of Estimates

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

2. Cash and Cash Equivalents

Substantially all 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 cash equivalents.

3. 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.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2015 and 2014

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

D. Assets, Liabilities and Net Position, continued

4. Accounts Receivable and Allowance for Uncollectible Accounts

The Watermaster extends credit to customers in the normal course of operations. When management deems customer accounts uncollectible, the Watermaster uses the allowance method for the reservation and write-off of those accounts.

5. Deferred Outflows of Resources

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

6. Pension

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

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

- Valuation Date: June 30, 2013
- Measurement Date: June 30, 2014
- Measurement Period: July 1, 2013 to June 30, 2014

7. Deferred Inflows of Resources

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

8. Net Position

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

- **Net Investment in Capital Assets Component of Net Position** – This component of net position consists of capital assets, net of accumulated depreciation and reduced by any debt outstanding against the acquisition, construction or improvement of those assets. Deferred outflows of resources and deferred inflows of resources that are attributable to the acquisition, construction, or improvement of those assets or related debt is included in this component of net position
- **Restricted Component of Net Position** – This component of net position consists of restricted assets reduced by liabilities and deferred inflows of resources related to those assets.
- **Unrestricted Component of Net Position** – This component of net position is the net amount of the assets, deferred outflows of resources, liabilities, and deferred inflows of resources that are not included in the determination of the net investment in capital assets or restricted component of net position.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2015 and 2014

(2) Cash and Cash Equivalents

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 Agency'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.

Custodial Credit Risk

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. 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 bank balances, up to \$250,000 is 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.

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

	2015	2014
Restricted – cash and cash equivalents	\$ 3,515,929	1,568,725
Total	\$ 3,515,929	1,568,725

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

	2015	2014
Deposits with financial institutions	\$ 2,597,406	652,442
Local Agency Investment Fund (LAIF)	918,523	916,283
Total cash and cash equivalents	\$ 3,515,929	1,568,725

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

	2015	2014
Deposits held with California Local Agency Investment Fund (LAIF)	239 days	223 days

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2015 and 2014

(2) Cash and Cash Equivalents, continued

Custodial Credit Risk, continued

The custodial credit risk for *investments* is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The Code and the Watermaster's investment policy contain 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).

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.

(3) Accounts Payable and Accrued Expenses

Accounts payable and accrued expenses at June 30, consisted of the following

	<u>2015</u>	<u>2014</u>
Replacement water deliveries	\$ 2,397,517	1,929,878
Other accounts payable	58,500	133,123
	<u>\$ 2,456,017</u>	<u>2,063,001</u>

(4) Defined Benefit Pension Plan

Plan Description

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

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2015 and 2014

(4) Defined Benefit Pension Plan, continued

Benefits Provided

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

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

The Plan's provisions and benefits in effect at June 30, 2015, are summarized as follows:

	Miscellaneous Plan		
	Classic	New Classic	PEPRA
		On or after January 1,	
	Prior to January 1,	2011 - December 31,	On or after January 1,
Hire date	2011	2012	2013
Benefit formula	2.7% @ 55	2.0% @ 55	2.0% @ 62
Benefit vesting schedule		5 years of service	
Benefit payments		monthly for life	
Retirement age	50 - 55	50 - 55	52 - 67
Monthly benefits, as a % of eligible compensation	2.0% to 2.7%	1.1% to 2.4%	1.0% to 2.5%
Required employee contribution rates	8.00%	7.00%	6.50%
Required employer contribution rates	11.99%	9.35%	6.73%

Contributions

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

For the year ended June 30, 2015, the contributions recognized as part of pension expense for the Plan was as follows:

	Miscellaneous Plan 2015
Contributions – employer	\$ <u>63,214</u>

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2015 and 2014

(4) Defined Benefit Pension Plan, continued

Pension Liability

As of June 30, 2015, the Watermaster reported net pension liabilities for its proportionate share of the net pension liability of the Plan as follows:

	Proportionate Share of Net Pension Liability
Miscellaneous Plan	\$ <u>395,211</u>

The Watermaster's net pension liability for the Plan is measured as the proportionate share of the net pension liability. The net pension liability of the Plan is measured as of June 30, 2014 (the measurement date), and the total pension liability for the Plan used to calculate the net pension liability was determined by an actuarial valuation as of June 30, 2013 (the valuation date), rolled forward to June 30, 2014, using standard update procedures. The Watermaster's proportion of the net pension liability was based on a projection of the Watermaster's long-term share of contributions to the pension plan relative to the projected contributions of all participating employers, actuarially determined. The Watermaster's proportionate share of the net pension liability for the Plan as of the measurement date June 30, 2014, was as follows:

	Miscellaneous
Proportion – June 30, 2013	0.07279%
Proportion – June 30, 2014	<u>0.05293%</u>
Change – Increase (Decrease)	<u>-0.0199%</u>

Deferred Outflows/Inflows of Resources Related to Pensions

For the year ended June 30, 2015, the Watermaster recognized pension expense of \$61,324. At June 30, 2015, the Watermaster reported deferred outflows of resources and deferred inflows of resources related to pensions from the following sources:

Description	Deferred Outflows of Resources	Deferred Inflows of Resources
Pension contributions subsequent to measurement date	\$ 63,214	-
Net differences between projected and actual earnings on plan investments	-	(127,462)
Adjustment due to differences in proportions of net pension liability	<u>-</u>	<u>(11,585)</u>
Total	<u>\$ 63,214</u>	<u>(139,047)</u>

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2015 and 2014

(4) Defined Benefit Pension Plan, continued

Deferred Outflows/Inflows of Resources Related to Pensions, continued

As of June 30, 2015, employer pension contributions reported as deferred outflows of resources related to contributions subsequent to the measurement date of \$63,214 will be recognized as a reduction of the net pension liability in the fiscal year ended June 30, 2016. Other amounts reported as deferred outflows of resources and deferred inflows of resources related to pensions will be recognized as pension expense as follows:

Fiscal Year Ending June 30,	Deferred Net Inflows of Resources
2016	\$ 36,002
2017	36,002
2018	35,176
2019	31,867

Actuarial Assumptions

The total pension liabilities in the June 30, 2013, actuarial valuations were determined using the following actuarial assumptions:

The following is a summary of the actuarial assumptions and methods:

Valuation Date	June 30, 2013
Measurement Date	June 30, 2014
Actuarial cost method	Entry Age Normal in accordance with the requirements of GASB Statement No. 68
Actuarial assumptions:	
Discount rate	7.50%
Inflation	2.75%
Salary increases	Varies by Entry Age and Service
Investment Rate of Return	7.50 % Net of Pension Plan Investment and Administrative Expenses; includes inflation
Mortality Rate Table*	Derived using CalPERS' Membership Data for all Funds
Post Retirement Benefit	Contract COLA up to 2.75% until Purchasing Power Protection Allowance Floor on Purchasing Power applies, 2.75% thereafter

* The mortality table used was developed based on CalPERS' specific data. The table includes 20 years of mortality improvements using Society of Actuaries Scale BB. For more details on this table, please refer to the 2014 experience study report. Further details of the Experience Study can be found on the CalPERS website.

The underlying mortality assumptions and all other actuarial assumptions used in the June 30, 2013, valuation were based on the results of a January 2014, actuarial experience study for the period 1997 to 2011. Further details of the Experience Study can found on the CalPERS website.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2015 and 2014

(4) Defined Benefit Pension Plan, continued

Discount Rate

The discount rate used to measure the total pension liability was 7.50% for the Plan. To determine whether the municipal bond rate should be used in the calculation of a discount rate for the Plan, CalPERS stress tested plans that would most likely result in a discount rate that would be different from the actuarially assumed discount rate. Based on the testing, none of the tested plans run out of assets. Therefore, the current 7.50% discount rate is adequate and the use of the municipal bond rate calculation is not necessary. The long term expected discount rate of 7.50% will be applied to all plans in the Public Employees Retirement Fund (PERF). The stress test results are presented in a detailed report that can be obtained from the CalPERS website.

According to Paragraph 30 of Statement 68, the long-term discount rate should be determined without reduction for pension plan administrative expense. The 7.50% investment return assumption used in this accounting valuation is net of administrative expenses. Administrative expenses are assumed to be 15 basis points. An investment return excluding administrative expenses would have been 7.65%. Using this lower discount rate has resulted in a slightly higher Total Pension Liability and Net Pension Liability. CalPERS checked the materiality threshold for the difference in calculation and did not find it to be a material difference. CalPERS is scheduled to review all actuarial assumptions as part of its regular Asset Liability Management (ALM) review cycle that is scheduled to be completed in February 2018. Any changes to the discount rate will require Board action and proper stakeholder outreach. For these reasons, CalPERS expects to continue using a discount rate net of administrative expenses for GASB 67 and 68 calculations through at least the 2017-18 fiscal year. CalPERS will continue to check the materiality of the difference in calculation until such time as we have changed our methodology.

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

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

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2015 and 2014

(6) Defined Benefit Pension Plan, continued

Discount Rate, continued

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

Asset Class	New Strategic Allocation	Real Return Years 1 -10^(a)	Real Return Years 11+^(b)
Global Equity	47.00%	5.25%	5.71%
Global Fixed Income	19.00%	0.99%	2.43%
Inflation Sensitive	6.00%	0.45%	3.36%
Private Equity	12.00%	6.83%	6.95%
Real Estate	11.00%	4.50%	5.13%
Infrastructure and Forestland	3.00%	4.50%	5.09%
Liquidity	2.00%	-0.55%	-1.05%
Total	100.00%		

(a) An expected inflation of 2.5% used for this period.

(b) An expected inflation of 3.0% used for this period.

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

The following presents the Watermaster's proportionate share of the net pension liability for the Plan, calculated using the discount rate for the Plan, as well as what the Watermaster's proportionate share of the net pension liability would be if it were calculated using a discount rate that is 1-percentage point lower or 1-percentage point higher than the current rate:

	Discount Rate - 1% (6.5%)	Current Discount Rate (7.5%)	Discount Rate + 1% (8.5%)
Watermaster's Net Pension Liability	\$ 717,821	395,211	127,476

Pension Plan Fiduciary Net Position

Detailed information about the pension plan's fiduciary net position is available in the separately issued CalPERS financial reports. See pages 22 through 23 for the Requirement Supplementary Schedules.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2015 and 2014

(5) Net Position

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

	<u>2015</u>	<u>2014</u>
Restricted net position (deficit):		
Administrative	\$ (262,848)	175,818
Biological resources trust	476,299	479,982
Replacement water	465,101	464,047
Make-up water	890	888
Total restricted net position	<u>\$ 679,442</u>	<u>1,120,735</u>

At June 30, 2015, the Watermaster's administrative fund has a deficit fund balance of \$262,848, which is expected to be relieved from future Watermaster assessment income and/or Mojave Water Agency cost-sharing allocation.

(6) Restatement of Net Position

Net Pension Liability – GASB 68 Implementation

In fiscal year 2015, the Watermaster implemented GASB pronouncements 68 and 71 to recognize its proportionate share of the net pension liability. Following the implementation, the Watermaster recognized the pension liability and recorded a prior period adjustment of \$704,068 to beginning net position at July 1, 2014. The Watermaster recorded a prior period adjustment to reclassify from expense to deferred outflows of resources, the prior year's proportionate share of employer pension contribution including the Watermaster's side fund payoff totaling \$231,135 at June 30, 2015.

Previously recorded net position of \$1,120,735 has been adjusted to \$647,802 as of June 30, 2014. In addition, the effect of the implementation of GASB 68 is recorded as an adjustment to the beginning net position of June 30, 2015. The effect of the above adjustment is summarized as follows:

The adjustment to net position is as follows:

Net position at June 30, 2014, as previously stated	\$ <u>1,120,735</u>
Effect of adjustment to record deferred pension outflows	231,135
Effect of adjustment to net pension liability as a result of GASB 68 & 71	<u>(704,068)</u>
Total adjustment to net position	<u>(472,933)</u>
Net position at July 1, 2014	<u>\$ 647,802</u>

(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 omissions, injuries to employees and natural disasters. The Watermaster has purchased commercial insurance coverage to limit the risk of loss for the above named sources. Also, the Watermaster has obtained workers' compensation coverage to the statutory limits.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2015 and 2014

(7) Risk Management, continued

Settled claims have not exceeded any of the coverage amounts in any of the last three fiscal years and there were no reductions in the Watermaster's insurance coverage during the years ending June 30, 2015, 2014, and 2013. Liabilities are recorded when it is probable that a loss has been incurred and the amount of loss can be reasonably estimated net of the respective insurance coverage. Liabilities include an amount for claims that have been incurred but not reported (IBNR). There were no IBNR and claims payable as of June 30, 2015, 2014, and 2013.

(8) Commitments and Contingencies

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.

(9) Subsequent Events

Events occurring after June 30, 2015, have been evaluated for possible adjustment to the financial statements or disclosure as of November 18, 2015, which is the date the financial statements were available to be issued. The Watermaster is not aware of any subsequent events that would require recognition or disclosure in the financial statements.

Required Supplementary Information

Mojave Basin Area Watermaster
Schedule of the Watermaster's Proportionate Share of the Net Pension Liability
As of June 30, 2015
Last Ten Year*

	Measurement Date 6/30/2014 (a)
Watermaster's Proportion of the Net Pension Liability	<u>0.05293%</u>
Watermaster's Proportionate Share of the Net Pension Liability	\$ <u>395,211</u>
Watermaster's Covered-Employee Payroll (b)	\$ <u>381,547</u>
Watermaster's Proportionate Share of the Net Pension Liability as a Percentage of its Covered-Employee Payroll	<u>103.58%</u>
Plan's Fiduciary Net Position as a Percentage of the Plan's Total Pension Liability	<u>81.15%</u>

Notes:

- (a) Historical information is required only for measurement periods for which GASB 68 is applicable.
- (b) Covered-Employee Payroll represented above is based on pensionable earnings provided by the employer. However, GASB 68 defines covered-employee payroll as the total payroll of employees that are provided pensions through the pension plan. Accordingly, if pensionable earnings are different than total earnings for covered-employees, the employer should display in the disclosure footnotes the payroll based on total earnings for the covered group and recalculate the required payroll related ratios.
- * Fiscal Year 2015 was the first year of implementation, therefore only one year is shown.

Mojave Basin Area Watermaster
Schedule of Pension Plan Contributions
As of June 30, 2015
Last Ten Years*

	Measurement Date 2013-2014
<u>Schedule of Pension Plan Contributions (a):</u>	
Actuarially Determined Contribution (b)	\$ 68,205
Contributions in Relation to the Actuarially Determined Contribution (b)	<u>(249,160)</u>
Contribution Deficiency (Excess)	\$ <u>(180,956)</u>
Covered Payroll (c), (d)	\$ <u>381,547</u>
Contribution's as a percentage of Covered-employee Payroll (c)	<u>65.30%</u>

Notes:

- (a) Historical information is required only for measurement periods for which GASB 68 is applicable.
 - (b) Employers are assumed to make contributions equal to the actuarially determined contributions (which is the actuarially determined contribution). However, some employer's may choose to make additional contributions towards their side fund or unfunded liability. Employer contributions for such plans exceed the actuarially determined contributions. CalPERS has determined that employer obligations referred to as "side funds" do not conform to the circumstances described in paragraph 120 of GASB 68, therefore are not considered separately financed specific liabilities.
 - (c) Covered-Employee Payroll represented above is based on pensionable earnings provided by the employer. However, GASB 68 defines covered-employee payroll as the total payroll of employees that are provided pensions through the pension plan. Accordingly, if pensionable earnings are different than total earnings for covered-employees, the employer should display in the disclosure footnotes the payroll based on total earnings for the covered group and recalculate the required payroll-related ratios.
 - (d) Payroll from prior year (\$370,434) was assumed to increase by the 3.00 percent payroll growth assumption.
- * Fiscal Year 2015 was the first year of implementation, therefore only one year is shown.

Report on Internal Controls and Compliance



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

Board of Directors
Mojave Basin Area Watermaster
Apple Valley, California

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the Mojave Basin Area Watermaster (Watermaster) as of and for the years ended June 30, 2015 and 2014, and the related notes to the financial statements, which collectively comprises the Watermaster's basic financial statements, and have issued our report thereon dated November 18, 2015.

Internal Control Over Financial Reporting

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

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

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

Compliance and Other Matters

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

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

Purpose of this Report

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

Fedak & Brown LLP

Fedak & Brown LLP
Cypress, California
November 18, 2015

APPENDIX H

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2015-16

AND PROPOSED FREE PRODUCTION ALLOWANCE

FOR WATER YEAR 2016-17

APPENDIX H

MARCH 23, 2016

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2015-16
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
ABDUL, HARRY AND ANITA	194	156	156	80%	312	156	80%
ABSHIRE, DAVID V.	24	20	20	80%	40	20	80%
AHN REVOCABLE TRUST	28	14	23	80%	37	23	80%
ANDERSON, ROSS C. AND BETTY J.	34	28	28	80%	56	28	80%
AVILA, ANGEL AND EVALIA	573	269	459	80%	728	459	80%
BAR H MUTUAL WATER COMPANY	53	43	43	80%	86	43	80%
BELL, CHUCK	494	395	396	80%	791	396	80%
BRACHT, WILLIAM F. AND ALEXANDER, ALICIA M.	50	40	40	80%	80	40	80%
CAMPBELL FAMILY TRUST	597	391	478	80%	869	478	80%
CASA COLINA FOUNDATION	90	35	72	80%	107	72	80%
CENTER WATER COMPANY	40	26	32	80%	58	32	80%
CLUB VIEW PARTNERS	1,276	1,021	1,021	80%	2,042	1,021	80%
CROSS, SHARON I.	23	19	19	80%	38	19	80%
DAHLQUIST, GEORGE R.	594	476	476	80%	952	476	80%
DESERT DAWN MUTUAL WATER COMPANY	15	1	12	80%	13	12	80%
DESERT SPRINGS MUTUAL WATER COMPANY	78	63	63	80%	126	63	80%
DJC CORPORATION	66	53	53	80%	106	53	80%
GABRYCH, EUGENE	2,201	1,761	1,761	80%	3,522	1,761	80%
GAETA, MIGUEL AND MARIA	1,500	1,008	1,200	80%	2,208	1,200	80%
GAETA, TRINIDAD	512	410	410	80%	820	410	80%
GAYJIKIAN, SAMUEL AND HAZEL	102	82	82	80%	164	82	80%
GOLDEN STATE WATER COMPANY	178	143	143	80%	286	143	80%
GORDON ACRES WATER COMPANY	54	44	44	80%	88	44	80%
GUBLER, HANS	30	24	24	80%	48	24	80%
HAL-DOR LTD.	23	19	19	80%	38	19	80%
HARVEY, LISA M.	700	560	560	80%	1,120	560	80%
HERT, SCOTT	276	221	221	80%	442	221	80%
HI-GRADE MATERIALS COMPANY	442	354	354	80%	708	354	80%

APPENDIX H

MARCH 23, 2016

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2015-16
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
HITCHIN LUCERNE, INC.	16	13	13	80%	26	13	80%
JUBILEE MUTUAL WATER COMPANY	142	91	114	80%	205	114	80%
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	0	30	80%	30	30	80%
KIM, JU SANG	30	24	24	80%	48	24	80%
LEE, DOO HWAN	78	63	63	80%	126	63	80%
LOPEZ, BALTAZAR	385	308	308	80%	616	308	80%
LUA, MICHAEL T. AND DONNA S.	348	279	279	80%	558	279	80%
LUCERNE VALLEY MUTUAL WATER COMPANY	54	44	44	80%	88	44	80%
LUCERNE VALLEY PARTNERS	1,213	971	971	80%	1,942	971	80%
LUCERNE VISTA MUTUAL WATER COMPANY	21	14	17	80%	31	17	80%
M.B. LANDSCAPING AND NURSERY, INC.	1,773	1,419	1,419	80%	2,838	1,419	80%
MITSUBISHI CEMENT CORPORATION	1,395	1,116	1,116	80%	2,232	1,116	80%
MONACO INVESTMENT COMPANY	70	56	56	80%	112	56	80%
MOSS, LAWRENCE W. AND HELEN J.	43	35	35	80%	70	35	80%
NORRIS TRUST, MARY ANN	73	59	59	80%	118	59	80%
OMYA CALIFORNIA, INC.	23	3	19	80%	22	19	80%
PAK, KAE SOO AND MYONG HUI KANG	247	198	198	80%	396	198	80%
PETTIGREW, DAN	22	18	18	80%	36	18	80%
PETTIGREW, JAMES AND CHERLYN	500	400	400	80%	800	400	80%
REED, MIKE	58	47	47	80%	94	47	80%
ROBERTSON'S READY MIX	0	0	0	80%	0	0	80%
ROYAL WAY	200	160	160	80%	320	160	80%
SABA, SABA A. AND SHIRLEY L.	1,120	896	896	80%	1,792	896	80%
SAN BERNARDINO COUNTY SERVICE AREA 29	40	0	32	80%	32	32	80%
SEALS, WILLIAM AND TIBBETT, VICKI SEALS	33	27	27	80%	54	27	80%
SON'S RANCH	140	112	112	80%	224	112	80%
SPECIALTY MINERALS, INC.	42	0	34	80%	34	34	80%
SPILLMAN, JAMES R. AND NANCY J.	23	19	19	80%	38	19	80%

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AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
THE CUSHENBURY TRUST, C/O SPECIALTY MINERALS, INC.	10	7	8	80%	15	8	80%
VIROSTECK, STEVE AND JULIE	56	45	45	80%	90	45	80%
WEISER, ET AL.	90	0	72	80%	72	72	80%
WEST END MUTUAL WATER COMPANY	30	24	24	80%	48	24	80%
WILSHIRE ROAD PARTNERS	692	554	554	80%	1,108	554	80%
TOTAL	19,251	14,678	15,422		30,100	15,422	

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AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

OESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
AEROCHEM, INC.	660	528	528	80%	1,056	528	80%
BROWN, SUE AND DOUG	46	37	37	80%	74	37	80%
CHAMISAL MUTUAL WATER COMPANY	96	77	77	80%	154	77	80%
DOSSEY, D. A.	7	6	6	80%	12	6	80%
HANDRINOS, NICOLE A.	7	6	6	80%	12	6	80%
HETTINGA, HEIN AND ELLEN	1,209	414	968	80%	1,382	968	80%
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 3)	4,680	3,744	3,744	80%	7,488	3,744	80%
THORESON, ROBERT F. AND KATHLEEN	40	32	32	80%	64	32	80%
TROEGER FAMILY TRUST, RICHARD H.	112	90	90	80%	180	90	80%
TOTAL	6,857	4,934	5,488		10,422	5,488	

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AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
ABBOTT, CARRON (FORMERLY: ABBOTT FAMILY TRUST)	12	8	10	80%	18	10	80%
ADELANTO, CITY OF	4,366	0	2,620	60%	2,620	2,620	60%
ADES, JOHN AND DEVON	37	25	30	80%	55	30	80%
AGCON, INC.	384	48	231	60%	279	231	60%
AMERICAN STATES WATER COMPANY	1,000	600	600	60%	1,200	600	60%
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	17	101	60%	118	101	60%
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	0	75	60%	75	75	60%
APPLE VALLEY RANCHOS WATER COMPANY	13,610	2,076	8,166	60%	10,242	8,166	60%
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	0	22	60%	22	22	60%
APPLE VALLEY, TOWN OF	1,082	257	650	60%	907	650	60%
AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE	1,077	0	862	80%	862	862	80%
AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL	185	0	111	60%	111	111	60%
BASS TRUST, NEWTON T.	514	410	412	80%	822	412	80%
BASTIANON REVOCABLE TRUST	77	61	62	80%	123	62	80%
BEEBE, ROBERT W. AND DOROTHY K.	6	5	5	80%	10	5	80%
BEINSCHROTH FAMILY TRUST	700	470	560	80%	1,030	560	80%
BEINSCHROTH, A. J.	100	58	80	80%	138	80	80%
BROWN, BOBBY G. AND VALERIA R.	42	34	34	80%	68	34	80%
BROWN, JENNIFER	41	28	33	80%	61	33	80%
BRUNEAU, KAREN	10	8	8	80%	16	8	80%
BRYANT, IAN	29	24	24	80%	48	24	80%
BUNNELL, DICK	24	18	20	80%	38	20	80%
CALMAT COMPANY	25	11	15	60%	26	15	60%
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	0	1,265	60%	1,265	1,265	60%
CDFW - MOJAVE RIVER FISH HATCHERY	20	0	16	80%	16	16	80%
CEMEX, INC.	1,499	0	900	60%	900	900	60%
CROCKER, BRIAN J.	0	0	0	80%	0	0	80%

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PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
CUNNINGHAM, JERRY (FORMERLY: ABBOTT FAMILY TRUST)	33	27	27	80%	54	27	80%
DAILY, DAVID O. AND ELIZABETH (SEE NOTE 4)	0						
DOLCH, ROBERT AND JUDY	100	76	80	80%	156	80	80%
DORA LAND, INC.	15	12	12	80%	24	12	80%
ELISABELLA, LLC	65	52	52	80%	104	52	80%
EVENSON, EDWIN H. AND JOYCELAINE C.	70	56	56	80%	112	56	80%
FEDERAL BUREAU OF PRISONS, VICTORVILLE	686	0	412	60%	412	412	60%
FISCHER REVOCABLE LIVING TRUST	36	28	29	80%	57	29	80%
FISHER TRUST, JEROME R.	633	441	507	80%	948	507	80%
FITZWATER, R. E. (SEE NOTE 4)	291						
FRAZIER, ET AL.	50	40	40	80%	80	40	80%
GOLDEN STATE WATER COMPANY	940	0	564	60%	564	564	60%
GREEN ACRES ESTATES	25	15	15	60%	30	15	60%
GULBRANSON, MERLIN	5	4	4	80%	8	4	80%
HAAS, BRYAN C. AND HINKLE, MARY H.	9	8	8	80%	16	8	80%
HALANNA EQUITIES III	19	13	16	80%	29	16	80%
HAMILTON FAMILY TRUST	108	75	87	80%	162	87	80%
HELENDALE COMMUNITY SERVICES DISTRICT	3,707	786	2,225	60%	3,011	2,225	60%
HELENDALE SCHOOL DISTRICT	18	11	11	60%	22	11	60%
HENDERSON, MICHAEL	0	0	0	80%	0	0	80%
HENDERSON, MICHAEL - INDUSTRIAL	0	0	0	60%	0	0	60%
HESPERIA - GOLF COURSE, CITY OF	678	0	407	60%	407	407	60%
HESPERIA VENTURE I, LLC	0	0	0	80%	0	0	80%
HESPERIA WATER DISTRICT	13,688	0	8,213	60%	8,213	8,213	60%
HESPERIA, CITY OF	6,736	3,742	4,042	60%	7,784	4,042	60%
HI-GRADE MATERIALS COMPANY	149	75	90	60%	165	90	60%

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ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
HOLWAY JEFFREY R AND PATRICIA GAGE	8	7	7	80%	14	7	80%
HOLWAY, JEFFREY R	11	9	9	80%	18	9	80%
HUNT, CONNIE (FORMERLY: ABBOTT FAMILY TRUST)	66	53	53	80%	106	53	80%
JAMBOREE HOUSING CORPORATION	0	0	0	60%	0	0	60%
JESS RANCH WATER COMPANY	7,230	3,154	4,338	60%	7,492	4,338	60%
JOHNSON, CARLEAN	23	10	19	80%	29	19	80%
JOHNSON, RONALD	31	25	25	80%	50	25	80%
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	99	102	80%	201	102	80%
KANESAKA, KENJI AND YUKARI	0	0	0	80%	0	0	80%
KEMPER CAMPBELL RANCH	473	194	379	80%	573	379	80%
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	527	527	80%	1,054	527	80%
LANGLEY, JAMES	5	4	4	80%	8	4	80%
LANGLEY, JAMES - INDUSTRIAL	0	0	0	60%	0	0	60%
LAWSON, ERNEST AND BARBARA	15	11	12	80%	23	12	80%
LENHERT, RONALD AND TONI	37	30	30	80%	60	30	80%
LHC ALLIGATOR, LLC	498	399	399	80%	798	399	80%
LOUNSBURY, J. PETER AND CAROLYN (SEE NOTE 5)	181	145	145	80%	290	145	80%
LOW, DEAN	199	160	160	80%	320	160	80%
LUCKEY, MANLEY J.	300	94	240	80%	334	240	80%
MARIANA RANCHOS COUNTY WATER DISTRICT	245	0	147	60%	147	147	60%
MCINNIS, WILLIAM S.	30	13	24	80%	37	24	80%
MCKINNEY, PAULA (FORMERLY: ABBOTT FAMILY TRUST)	33	27	27	80%	54	27	80%
MLH, LLC	13	7	11	80%	18	11	80%
NAVAJO MUTUAL WATER COMPANY	88	53	53	60%	106	53	60%
NUÑEZ, LUIS SEGUNDO	0	0	0	80%	0	0	80%
NUNN, DONALD AND PEARL	36	28	29	80%	57	29	80%

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ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	CARRYOVER FROM PREVIOUS YEAR	2015-16 FREE PRODUCTION ALLOWANCE ¹			2016-17 FREE PRODUCTION ALLOWANCE ²	
			ACRE-FEET	PERCENTAGE OF BAP	TOTAL	ACRE-FEET	PERCENTAGE OF BAP
ORO GRANDE SCHOOL DISTRICT	107	65	65	60%	130	65	60%
PEARSON, DERYL B.	22	18	18	80%	36	18	80%
PERRY REVOCABLE LIVING TRUST, THOMAS AND PATRICIA (FORMERLY: PERRY, THOMAS A.)	0	0	0	80%	0	0	80%
PHAM, ET AL.	0	0	0	80%	0	0	80%
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	125	213	60%	338	213	60%
PITTMAN, LEROY W.	148	119	119	80%	238	119	80%
POLICH, LEE AND DONNA	65	52	52	80%	104	52	80%
RANCHERITOS MUTUAL WATER COMPANY	169	0	102	60%	102	102	60%
RIM PROPERTIES, A GENERAL PARTNERSHIP	9	8	8	80%	16	8	80%
RIVERSIDE CEMENT COMPANY - AGRICULTURE	643	515	515	80%	1,030	515	80%
RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT	2,809	1,398	1,686	60%	3,084	1,686	60%
ROSS, CARL E. LIVING TRUST	10	7	8	80%	15	8	80%
RUE RANCH	30	3	24	80%	27	24	80%
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTE	0	0	0	60%	0	0	60%
SAN BERNARDINO COUNTY SERVICE AREA 42	465	213	279	60%	492	279	60%
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	608	2,294	60%	2,902	2,294	60%
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	0	609	60%	609	609	60%
SAPP, ROBERT D. AND LEE, TERESA J.	42	26	34	80%	60	34	80%
SCRAY, MICHELLE A. TRUST	15	11	12	80%	23	12	80%
SERVICE ROCK PRODUCTS CORPORATION	20	0	12	60%	12	12	60%
SILVER LAKES ASSOCIATION	4,987	871	2,993	60%	3,864	2,993	60%
SPRING VALLEY LAKE ASSOCIATION	3,703	0	2,222	60%	2,222	2,222	60%
SPRING VALLEY LAKE COUNTRY CLUB	977	0	587	60%	587	587	60%
STORM, RANDALL	62	50	50	80%	100	50	80%
SUDMEIER, GLENN W.	20	14	16	80%	30	16	80%
SUMMIT VALLEY RANCH, LLC	57	37	46	80%	83	46	80%
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	319	335	80%	654	335	80%

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ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
THOMPSON LIVING TRUST, R.L. AND R.A.	13	6	11	80%	17	11	80%
THRASHER, GARY	373	277	299	80%	576	299	80%
THUNDERBIRD COUNTY WATER DISTRICT	118	0	71	60%	71	71	60%
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	26	21	21	80%	42	21	80%
VANHOOPS HOLDINGS, LP	360	283	288	80%	571	288	80%
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	0	144	60%	144	144	60%
VICTOR VALLEY MEMORIAL PARK	0	0	0	60%	0	0	60%
VICTORVILLE WATER DISTRICT, ID#1	23,020	0	13,812	60%	13,812	13,812	60%
VICTORVILLE WATER DISTRICT, ID#2	2,932	0	1,760	60%	1,760	1,760	60%
VOGLER, ALBERT H. AND RITA K.	62	49	50	80%	99	50	80%
WAGNER FAMILY TRUST	1,224	980	980	80%	1,960	980	80%
WAKULA, JOHN AND HELEN	11	9	9	80%	18	9	80%
WARD, KEN AND BARBARA	65	26	52	80%	78	52	80%
WEST, HOWARD AND SUZY	72	58	58	80%	116	58	80%
WEST, JIMMIE E.	10	7	8	80%	15	8	80%
WESTERN WATER COMPANY	15	12	12	80%	24	12	80%
WESTLAND INDUSTRIES, INC.	54	8	33	60%	41	33	60%
WIENER, MELVIN AND MARIAM S.	30	18	18	60%	36	18	60%
WOOD, MICHAEL AND DENISE	0	0	0	80%	0	0	80%
WYATT FAMILY TRUST	70	56	56	80%	112	56	80%
TOTAL	114,308	20,937	70,530		91,467	70,530	

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CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	CARRYOVER FROM PREVIOUS YEAR	2015-16 FREE PRODUCTION ALLOWANCE ¹			2016-17 FREE PRODUCTION ALLOWANCE ²	
			ACRE-FEET	PERCENTAGE OF BAP	TOTAL	ACRE-FEET	PERCENTAGE OF BAP
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	29	24	24	80%	48	24	80%
AQUA CAPITAL MANAGEMENT, LP	2,336	1,869	1,869	80%	3,738	1,869	80%
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	120	96	96	80%	192	96	80%
BAR-LEN MUTUAL WATER COMPANY	48	4	39	80%	43	39	80%
BARSTOW COMMUNITY DEVELOPERS, LLC	0	0	0	80%	0	0	80%
BEST, BYRON L.	21	17	17	80%	34	17	80%
BROMMER FAMILY TRUST	361	289	289	80%	578	289	80%
CHAFAR, LARRY R. AND DELINDA C.	46	37	37	80%	74	37	80%
CHOI, YONG IL AND JOUNG AE	38	31	31	80%	62	31	80%
CHRISTISON, JOEL	75	60	60	80%	120	60	80%
CONTRATTO, ERSULA	151	121	121	80%	242	121	80%
DARR, JAMES S.	408	327	327	80%	654	327	80%
DE VRIES, NEIL AND MARY FAMILY TRUST	3,800	3,040	3,040	80%	6,080	3,040	80%
DORRANCE, DAVID W. AND TAMELA L.	19	16	16	80%	32	16	80%
EYGNOR, ROBERT E. AND PATSY C.	50	40	40	80%	80	40	80%
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE	30	24	24	80%	48	24	80%
FRATES, D. COLE	13	11	11	80%	22	11	80%
FRIEND, JOSEPH AND DEBORAH	60	48	48	80%	96	48	80%
GABRYCH, EUGENE	132	106	106	80%	212	106	80%
GAINES FAMILY TRUST, JACK AND MARY	92	74	74	80%	148	74	80%
GOLDEN STATE WATER COMPANY	14,407	11,526	11,526	80%	23,052	11,526	80%
GRILL, NICHOLAS P. AND MILLIE D.	0	0	0	80%	0	0	80%
GUTIERREZ, JOSE AND GLORIA	130	104	104	80%	208	104	80%
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	122	122	80%	244	122	80%
HARMSSEN FAMILY TRUST	722	463	578	80%	1,041	578	80%
HARPER LAKE COMPANY VIII	1,433	717	1,147	80%	1,864	1,147	80%
HELENDALE COMMUNITY SERVICES DISTRICT	19	0	16	80%	16	16	80%
HENSLEY, MARK P.	27	22	22	80%	44	22	80%

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CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
HI DESERT MUTUAL WATER COMPANY	34	0	28	80%	28	28	80%
HIGH DESERT ASSOCIATES, INC.	513	411	411	80%	822	411	80%
HILL FAMILY TRUST AND HILL'S RANCH, INC.	2,335	1,868	1,868	80%	3,736	1,868	80%
HOWARD, ET AL.	43	35	35	80%	70	35	80%
HUERTA, HECTOR	656	525	525	80%	1,050	525	80%
JONES, JOETTE	22	18	18	80%	36	18	80%
JORDAN FAMILY TRUST	460	368	368	80%	736	368	80%
KASNER FAMILY LIMITED PARTNERSHIP	421	337	337	80%	674	337	80%
KENWOOD MANAGEMENT, LLC	52	42	42	80%	84	42	80%
KIM, JIN S. AND HYUN H.	190	152	152	80%	304	152	80%
LEE, ET AL., SEPOONG AND WOO POONG	77	62	62	80%	124	62	80%
LEYERLY, GENEVA (SEE NOTE 4)	65						
LEYERLY, RICHARD (SEE NOTE 4)	862						
MCCOLLUM, CHARLES L.	115	92	92	80%	184	92	80%
MEAD FAMILY TRUST	115	92	92	80%	184	92	80%
MOJAVE SOLAR, LLC	5,239	4,192	4,192	80%	8,384	4,192	80%
MOST FAMILY TRUST	56	45	45	80%	90	45	80%
NURSERY PRODUCTS LLC	0	0	0	80%	0	0	80%
ODESSA WATER DISTRICT	299	240	240	80%	480	240	80%
OHAI, REYNOLDS AND DOROTHY	137	110	110	80%	220	110	80%
OSTERKAMP, GEROLD (SEE NOTE 4)	260						
PACIFIC GAS AND ELECTRIC COMPANY	4,436	3,549	3,549	80%	7,098	3,549	80%
RIOS, MARIANO V.	8	5	7	80%	12	7	80%
RIVERO, FIDEL V.	20	16	16	80%	32	16	80%
RUISCH TRUST, DALE W. AND NELLIE H.	650	520	520	80%	1,040	520	80%
SERVICE ROCK PRODUCTS CORPORATION	766	613	613	80%	1,226	613	80%

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AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	186	186	80%	372	186	80%
SMITH, ROBERT A.	38	31	31	80%	62	31	80%
SOPPELAND, WAYNE	478	383	383	80%	766	383	80%
TALLAKSON, WILLIAM V. AND ELIZABETH A.	17	14	14	80%	28	14	80%
VALENTI, VITO	17	14	14	80%	28	14	80%
VAN DAM REVOCABLE TRUST, E AND S	722	578	578	80%	1,156	578	80%
VAN LEEUWEN, JOHN	1,465	976	1,172	80%	2,148	1,172	80%
VERNOLA TRUST, PAT AND MARY ANN	3,116	2,493	2,493	80%	4,986	2,493	80%
VICTORVILLE WATER DISTRICT, ID#1	796	395	637	80%	1,032	637	80%
WERNER, ANDREW J.	18	15	15	80%	30	15	80%
WESTERN DEVELOPMENT AND STORAGE, LLC	6	5	5	80%	10	5	80%
WITHEY, CONNIE	22	18	18	80%	36	18	80%
TOTAL	49,477	37,588	38,652		76,240	38,652	

APPENDIX H

MARCH 23, 2016

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2015-16
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
AHN, CHUN SOO AND WHA JA	50	28	25	50%	53	23	45%
AKE, CHARLES J. AND MARJORIE M.	23	13	12	50%	25	11	45%
APPLE VALLEY RANCHOS WATER COMPANY (FORMERLY: YERMO WATER COMPANY)	453	250	227	50%	477	204	45%
ARCHIBEK, ERIC	0	0	0	50%	0	0	45%
ARGUELLES, ALFREDO	647	356	324	50%	680	292	45%
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	80	20	40	50%	60	36	45%
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	15	14	50%	29	13	45%
BARBER, JAMES B.	167	92	84	50%	176	76	45%
BARON, SUSAN AND PALMER, CURTIS	26	15	13	50%	28	12	45%
BENDER TRUST, DOLORES M.	0	0	0	50%	0	0	45%
BORGOGNO REVOCABLE LIVING TRUST	1,844	689	922	50%	1,611	830	45%
BORJA, LEONIL T. AND TITAL L.	20	11	10	50%	21	9	45%
BOWMAN, EDWIN L.	11	7	6	50%	13	5	45%
BREDELIS, RONALD C. AND JEAN	64	36	32	50%	68	29	45%
BROWN, RONALD A.	1,080	0	540	50%	540	486	45%
BUDGET FINANCE COMPANY	32	18	16	50%	34	15	45%
BUSH, KEVIN	110	61	55	50%	116	50	45%
CALICO JUNCTION	20	11	10	50%	21	9	45%
CALICO LAKES HOMEOWNERS ASSOCIATION	1,293	0	647	50%	647	582	45%
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	40	36	50%	76	32	45%
CAMANGA, TONY AND MARIETTA	47	26	24	50%	50	22	45%
CAMPBELL, M. A. AND DIANNE	22	13	11	50%	24	10	45%
CARLTON, SUSAN	155	86	78	50%	164	70	45%
CDFW - CAMP CADY	921	507	461	50%	968	415	45%
CF PROPERTIES, LLC	845	112	423	50%	535	381	45%
CHAPMAN UNIVERSITY	54	0	27	50%	27	25	45%
CHEYENNE LAKE, INC.	387	213	194	50%	407	175	45%

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2015-16
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
CLARK, ARTHUR	50	28	25	50%	53	23	45%
CLINE, VIVIAN D.	16	9	8	50%	17	8	45%
CONNER, WILLIAM H.	25	14	13	50%	27	12	45%
CORBRIDGE, LINDA S.	32	18	16	50%	34	15	45%
CRANDALL, ESTHER	5	3	3	50%	6	3	45%
CROSS, FRANCIS AND BEVERLY	40	22	20	50%	42	18	45%
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	644	332	322	50%	654	290	45%
DAGGETT COMMUNITY SERVICES DISTRICT	304	76	152	50%	228	137	45%
DAGGETT RANCH, LLC	76	38	38	50%	76	35	45%
DE JONG FAMILY TRUST	3,131	1,723	1,566	50%	3,289	1,409	45%
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	16	15	50%	31	14	45%
DOCIMO LIVING TRUST, ALLEN LEE	109	58	55	50%	113	50	45%
DONALDSON, JERRY AND BEVERLY	90	50	45	50%	95	41	45%
DOWELL, LEONARD	23	13	12	50%	25	11	45%
D'SILVA, MELANIE	54	0	27	50%	27	25	45%
FAWCETT, EDWARD C.	20	11	10	50%	21	9	45%
FEJFAR, MONICA KAY	20	11	10	50%	21	9	45%
FERNANDEZ, ARTURO	76	42	38	50%	80	35	45%
FERRO, DENNIS AND NORMA	32	18	16	50%	34	15	45%
FIRST CPA LLC	57	32	29	50%	61	26	45%
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	234	213	50%	447	192	45%
GABRYCH, EUGENE	1,637	855	819	50%	1,674	737	45%
GARCIA, DANIEL	23	13	12	50%	25	11	45%
GARG, OM P.	483	266	242	50%	508	218	45%
GENON ENERGY, INC.	7,194	3,957	3,597	50%	7,554	3,238	45%
GRAY, GEORGE F. AND BETTY E.	94	52	47	50%	99	43	45%
HAAS, BRYAN C. AND HINKLE, MARY H.	80	44	40	50%	84	36	45%
HACKBARTH, EDWARD E.	1,517	154	759	50%	913	683	45%

APPENDIX H

MARCH 23, 2016

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2015-16
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
HANSON AGGREGATES WRP, INC.	31	18	16	50%	34	14	45%
HARESON, NICHOLAS AND MARY	8	5	4	50%	9	4	45%
HARTER, JOE AND SUE	5,234	2,879	2,617	50%	5,496	2,356	45%
HASS, PAULINE L.	35	19	18	50%	37	16	45%
HENDLEY, RICK AND BARBARA	48	27	24	50%	51	22	45%
HIETT, HARRY L.	29	16	15	50%	31	14	45%
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	152	152	50%	304	137	45%
HO, TING-SENG AND AH-GIT	300	165	150	50%	315	135	45%
HOLLISTER, ROBERT H. AND RUTH M.	44	25	22	50%	47	20	45%
HONG, PAUL B. AND MAY	85	47	43	50%	90	39	45%
HOOD FAMILY TRUST (FORMERLY: MAYBERRY, DONALD J)	41	23	21	50%	44	19	45%
HORTON, JOHN	242	134	121	50%	255	109	45%
HORTON'S CHILDREN'S TRUST	199	0	100	50%	100	90	45%
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	16	14	50%	30	13	45%
HUNT, RALPH M. AND LILLIAN F.	51	29	26	50%	55	23	45%
HUTCHISON TRUST, WILLIAM O.	368	203	184	50%	387	166	45%
HYATT, JAMES AND BRENDA	210	116	105	50%	221	95	45%
IM, NICHOLAS NAK-KYUN	150	0	75	50%	75	68	45%
IRVIN, BERTRAND W.	29	16	15	50%	31	14	45%
ITALMOOD INC., ET. AL.	190	105	95	50%	200	86	45%
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	30	27	50%	57	25	45%
JACKSON, RAY	20	11	10	50%	21	9	45%
JOHNSON, JAMES R. AND ELLEN	247	111	124	50%	235	112	45%
KARIMI, HOOSHANG	70	39	35	50%	74	32	45%
KASNER FAMILY LIMITED PARTNERSHIP	1,501	880	751	50%	1,631	676	45%
KASNER, ROBERT	5,713	0	2,857	50%	2,857	2,571	45%
KATCHER, AUGUST M. AND MARCELINE	23	13	12	50%	25	11	45%

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2015-16
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
KEMP, ROBERT AND ROSE	32	18	16	50%	34	15	45%
KIEL, MARY	34	19	17	50%	36	16	45%
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	820	382	50%	1,202	344	45%
KIM, SEON JA	50	28	25	50%	53	23	45%
KOEGLER, RONALD R. AND CAROLYN V.	26	15	13	50%	28	12	45%
KOERING, RICHARD AND KOERING, DONNA	20	11	10	50%	21	9	45%
KOROGHLIAN, TED AND NAJWA	15	1	8	50%	9	7	45%
KOSHAREK, JOHN AND JOANN	54	30	27	50%	57	25	45%
LAKE JODIE PROPERTY OWNERS ASSOCIATION	254	0	127	50%	127	115	45%
LAKE WAIKIKI	98	54	49	50%	103	45	45%
LAKE WAINANI OWNERS ASSOCIATION	435	165	218	50%	383	196	45%
LAM, PHILLIP	105	58	53	50%	111	48	45%
LANGLEY, MICHAEL R. AND SHARON	20	11	10	50%	21	9	45%
LAVANH, ET AL.	24	14	12	50%	26	11	45%
LAWRENCE, WILLIAM W.	45	25	23	50%	48	21	45%
LEE, VIN JANG T.	630	347	315	50%	662	284	45%
LEM, HOY	32	18	16	50%	34	15	45%
LIANG, YUAN - I AND TZU - MEI CHEN	200	110	100	50%	210	90	45%
LIN, KUAN JUNG AND CHUNG, DER-BING	451	249	226	50%	475	203	45%
LO, ET AL.	59	33	30	50%	63	27	45%
M BIRD CONSTRUCTION	41	23	21	50%	44	19	45%
MAHJOUBI, AFSAR S.	63	35	32	50%	67	29	45%
MALONEY, JANICE	36	20	18	50%	38	17	45%
MANNING, SHARON S.	63	19	32	50%	51	29	45%
MARCROFT, JAMES A. AND JOAN	38	21	19	50%	40	18	45%
MARSHALL, CHARLES	20	11	10	50%	21	9	45%
MARTIN, MICHAEL D. AND ARLENE D.	63	20	32	50%	52	29	45%
MILBRAT, IRVING H.	73	41	37	50%	78	33	45%

APPENDIX H

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2015-16
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PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
MILLER LIVING TRUST	18	10	9	50%	19	9	45%
MIZRAHIE, ET AL.	145	80	73	50%	153	66	45%
MORRIS TRUST, JULIA V.	304	168	152	50%	320	137	45%
MULLIGAN, ROBERT AND INEZ	35	20	18	50%	38	16	45%
MURPHY, JEAN	24	9	12	50%	21	11	45%
NEW SPRINGS LIMITED PARTNERSHIP	2,329	1,281	1,165	50%	2,446	1,049	45%
NEWBERRY COMMUNITY SERVICES DISTRICT	23	1	12	50%	13	11	45%
O. F. D. L., INC.	165	52	83	50%	135	75	45%
OLD GROVE PROPERTIES, LLC	24	14	12	50%	26	11	45%
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	367	334	50%	701	301	45%
PATINO, JOSÉ	22	13	11	50%	24	10	45%
PEARCE, CRAIG L.	150	83	75	50%	158	68	45%
PERKO, BERT K.	132	73	66	50%	139	60	45%
POLAND, JOHN R. AND KATHLEEN A.	92	39	46	50%	85	42	45%
PORTER, TIMOTHY M.	30	17	15	50%	32	14	45%
PRICE, DONALD AND RUTH	42	24	21	50%	45	19	45%
PRUETT, ANDREA	36	20	18	50%	38	17	45%
QUIGG AND COMPANY, INC.	81	45	41	50%	86	37	45%
QUIROS, FRANSISCO J. AND HERMANN, RONALD	38	21	19	50%	40	18	45%
REEVES, RICHARD	224	124	112	50%	236	101	45%
RICE, HENRY C. AND DIANA	24	14	12	50%	26	11	45%
RIZVI, S.R ALI	27	15	14	50%	29	13	45%
ROSSI, JAMES L. AND NAOMI I.	614	203	307	50%	510	277	45%
S AND B BROTHERS, LLC	221	121	111	50%	232	100	45%
SAMRA, JAGTAR S.	30	17	15	50%	32	14	45%
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	168	93	84	50%	177	76	45%
SECURITY PAVING COMPANY, INC.	0	0	0	50%	0	0	45%
SERVICE ROCK PRODUCTS CORPORATION	0	0	0	50%	0	0	45%

APPENDIX H

MARCH 23, 2016

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2015-16
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
SHAW, ROBERT M. AND LORI A. SLATER-SHAW	43	24	22	50%	46	20	45%
SHENG, JEN	33	19	17	50%	36	15	45%
SHEPPARD, THOMAS AND GLORIA	217	120	109	50%	229	98	45%
SHORT, CHARLES AND MARGARET	54	30	27	50%	57	25	45%
SHORT, JEROME E.	30	17	15	50%	32	14	45%
SINGH, ET AL.	31	18	16	50%	34	14	45%
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	0	0	0	50%	0	0	45%
SMITH, PORTER AND ANITA	25	14	13	50%	27	12	45%
SMITH, WILLIAM E. AND PATRICIA A.	19	11	10	50%	21	9	45%
SOUTHERN CALIFORNIA EDISON COMPANY	600	330	300	50%	630	270	45%
SOUTHERN CALIFORNIA GAS COMPANY	98	54	49	50%	103	45	45%
SPERRY, WESLEY	104	58	52	50%	110	47	45%
ST. ANTONY COPTIC ORTHODOX MONASTERY	130	0	65	50%	65	59	45%
STARKE, GEORGE A. AND JAYNE E.	23	13	12	50%	25	11	45%
SUNDOWN LAKES, INC.	285	0	143	50%	143	129	45%
SUNRAY ENERGY, INC.	63	35	32	50%	67	29	45%
SZYNKOWSKI, RUTH J.	29	16	15	50%	31	14	45%
TAPIE, RAYMOND L.	18	10	9	50%	19	9	45%
TEISAN, JERRY	96	53	48	50%	101	44	45%
THAYER, SHARON	97	54	49	50%	103	44	45%
THOMAS, STEPHEN AND LORI	49	27	25	50%	52	23	45%
TRIPLE H PARTNERSHIP	218	115	109	50%	224	99	45%
TSUI, RICHARD	472	0	236	50%	236	213	45%
TURNER, TERRY	30	17	15	50%	32	14	45%
UNION PACIFIC RAILROAD COMPANY	249	137	125	50%	262	113	45%
VACA, ANDY AND TERESITA S.	20	11	10	50%	21	9	45%
VAN BASTELAAR, ALPHONSE	78	0	39	50%	39	36	45%
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	5,430	2,527	2,715	50%	5,242	2,444	45%

APPENDIX H

MARCH 23, 2016

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2015-16
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2015-16 FREE PRODUCTION ALLOWANCE ¹				2016-17 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
VAN LEEUWEN, JOHN	2,018	1,110	1,009	50%	2,119	909	45%
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,792	859	896	50%	1,755	807	45%
WANG, STEVEN	10	6	5	50%	11	5	45%
WARD, RAYMOND	105	36	53	50%	89	48	45%
WEEMS, LIZZIE	53	30	27	50%	57	24	45%
WEERAISINGHE, MAITHRI N.	15	9	8	50%	17	7	45%
WESTERN HERITAGE, INC.	854	470	427	50%	897	385	45%
WESTERN HORIZON ASSOCIATES, INC.	705	388	353	50%	741	318	45%
WET SET, INC.	189	0	95	50%	95	86	45%
WITTE, E. DANIEL AND MARCIA	27	15	14	50%	29	13	45%
WLSR, INC.	193	0	97	50%	97	87	45%
WORSEY, JOSEPH A. AND REVAE	29	16	15	50%	31	14	45%
TOTAL	63,929	27,576	32,004		59,580	28,854	

NOTES FOR APPENDIX H

- 1 FREE PRODUCTION ALLOWANCE IS EQUAL TO 80% OF BASE ANNUAL PRODUCTION FOR THE ESTE, OESTE AND CENTRO SUBAREAS AND 50% OF BASE ANNUAL PRODUCTION FOR THE BAJA SUBAREA FOR 2015-16 BASED ON THE COURT ORDER DATED JUNE 22, 2015. FREE PRODUCTION ALLOWANCE IS EQUAL TO 80% OF BASE ANNUAL PRODUCTION FOR AGRICULTURAL PRODUCERS AND 60% OF BASE ANNUAL PRODUCTION FOR ALL OTHER PRODUCERS IN THE ALTO SUBAREA. AGRICULTURAL PRODUCERS INCLUDE THOSE PRODUCING WATER FOR THE IRRIGATION OF CROPS SUCH AS ALFALFA, GRAINS, NUT TREES OR ORCHARD, DAIRIES AND LIVESTOCK AND GENERALLY ALL OTHER INCIDENTAL USES INCLUDING SMALL DOMESTIC OR AS OTHERWISE DETERMINED BY WATERMASTER.
- 2 FREE PRODUCTION ALLOWANCE FOR 2016-17 (SUBJECT TO COURT APPROVAL):

ESTE SUBAREA: FREE PRODUCTION ALLOWANCE TO REMAIN AT 80% FOR THE 2016-17 WATER YEAR. THE ESTE SUBAREA MAY BE SUBJECT TO FUTURE RAMPDOWN TO 65% IMMEDIATELY IF WATER USE CONDITIONS CHANGE.

OESTE SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 80% OF BASE ANNUAL PRODUCTION FOR AGRICULTURAL PRODUCERS AND 60% OF BASE ANNUAL PRODUCTION FOR ALL OTHER PRODUCERS IN THE OESTE SUBAREA FOR THE 2016-17 WATER YEAR BUT IS HELD IN ABEYANCE AT 80% UNTIL WATER PRODUCTION EXCEEDS 3,921 ACRE-FEET CONSISTENT WITH DIRECTION FROM THE COURT. AGRICULTURAL PRODUCERS INCLUDE THOSE PRODUCING WATER FOR THE IRRIGATION OF CROPS SUCH AS ALFALFA, GRAINS, NUT TREES OR ORCHARD, DAIRIES AND LIVESTOCK AND GENERALLY ALL OTHER INCIDENTAL USES INCLUDING SMALL DOMESTIC OR AS OTHERWISE DETERMINED BY WATERMASTER.

ALTO SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 80% OF BASE ANNUAL PRODUCTION FOR AGRICULTURAL PRODUCERS AND 60% OF BASE ANNUAL PRODUCTION FOR ALL OTHER PRODUCERS IN THE ALTO SUBAREA FOR THE 2016-17 WATER YEAR, CONSISTENT WITH DIRECTION FROM THE COURT. AGRICULTURAL PRODUCERS INCLUDE THOSE PRODUCING WATER FOR THE IRRIGATION OF CROPS SUCH AS ALFALFA, GRAINS, NUT TREES OR ORCHARD, DAIRIES AND LIVESTOCK AND GENERALLY ALL OTHER INCIDENTAL USES INCLUDING SMALL DOMESTIC OR AS OTHERWISE DETERMINED BY WATERMASTER.

CENTRO SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL TO 80% OF BASE ANNUAL PRODUCTION FOR THE 2016-17 WATER YEAR.

BAJA SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL TO 45% OF BASE ANNUAL PRODUCTION FOR THE 2016-17 WATER YEAR.
- 3 PHELAN PIÑON HILLS CSD'S WELL #14 IS NOT INCLUDED IN THE TOTAL VERIFIED PRODUCTION. THE MATTER OF PUMPING FROM WELL #14, LOCATED IN LA COUNTY, IS STILL UNRESOLVED AND MAY AFFECT FUTURE OBLIGATIONS UNDER THE JUDGMENT.
- 4 APPELLANTS NOT SUBJECT TO THE JUDGMENT AFTER TRIAL PURSUANT TO SUPREME COURT DECISION DATED AUGUST 21, 2000. THE AGGREGATE BASE ANNUAL PRODUCTION OF THESE PARTIES WAS DETERMINED PRIOR TO TRIAL AND CONSISTS OF 291 ACRE FEET IN THE ALTO SUBAREA AND 1,187 ACRE FEET IN THE CENTRO SUBAREA.
- 5 BASE ANNUAL PRODUCTION PREVIOUSLY INCLUDED 27 ACRE-FEET ATTRIBUTED TO A DOMESTIC WELL THAT IS JOINTLY OWNED BY LOUNSBURY AND A GROUP CALLED GRAMATA ET AL. THE DISPOSITION OF THE 27 ACRE-FEET IS UNRESOLVED. THE CARRYOVER RIGHT REPORTED HEREIN IS BASED SOLELY ON THE BASE ANNUAL PRODUCTION ATTRIBUTED TO THE LOUNSBURY AGRICULTURAL WELL.

APPENDIX I

AMENDED APPENDIX B FOR WATER YEAR 2013-14

RECONCILED FOR CARRYOVER TRANSFERS IN LIEU OF

PAYMENT OF REPLACEMENT AND MAKEUP WATER ASSESSMENTS

AND ALL OTHER ERRATA

APPENDIX I

OCTEJ 25, 2016

**AMENDED APPENDIX B FOR WATER YEAR 2013-14
RECONCILED FOR CARRYOVER TRANSFERS IN LIEU OF PAYMENT OF REPLACEMENT AND MAKEUP WATER ASSESSMENTS
AND ALL OTHER ERRATA**

(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ESTE SUBAREA

PRODUCER	2013-14 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2015 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2012-13 CARRYOVER ³	2013-14 FPA ⁴							WATER	WATER		
												\$448.00/AF	N/A		
ABDUL, HARRY AND ANITA	194	156	156	0	0	312	2	156	0	2	0.00	0.00	0.00	0.00	
ABSHIRE, DAVID V.	24	20	20	0	0	40	1	20	0	1	0.00	0.00	0.00	0.00	
AHN REVOCABLE TRUST	28	23	7	0	0	30	20	10	0	20	0.00	0.00	0.00	0.00	
ANDERSON, ROSS C. AND BETTY J.	34	28	28	0	0	56	0	28	0	0	0.00	0.00	0.00	0.00	
AVILA, ANGEL AND EVALIA	573	459	459	0	0	918	154	459	0	154	0.00	0.00	0.00	0.00	
BAR H MUTUAL WATER COMPANY	53	43	43	0	0	86	25	43	0	25	0.00	0.00	0.00	0.00	
BELL, CHUCK	494	396	374	0	0	770	423	347	0	423	0.00	0.00	0.00	0.00	
BRACHT, WILLIAM F. AND ALEXANDER, ALICIA M.	50	40	40	0	0	80	31	40	0	31	0.00	0.00	0.00	0.00	
CAMPBELL FAMILY TRUST	597	478	478	0	0	956	328	478	0	328	0.00	0.00	0.00	0.00	
CASA COLINA FOUNDATION	90	72	39	0	0	111	83	28	0	83	0.00	0.00	0.00	0.00	
CENTER WATER COMPANY	40	32	12	0	0	44	29	15	0	29	0.00	0.00	0.00	0.00	
CLUB VIEW PARTNERS	1,276	1,021	1,021	(29)	(27)	1,986	0	994	0	0	0.00	0.00	0.00	0.00	
CROSS, SHARON I.	23	19	19	0	0	38	1	19	0	1	0.00	0.00	0.00	0.00	
DAHLQUIST, GEORGE R.	594	476	476	0	0	952	0	476	0	0	0.00	0.00	0.00	0.00	
DESERT DAWN MUTUAL WATER COMPANY	15	12	0	0	0	12	20	0	8	12	0.00	3,584.00	0.00	3,584.00	
DESERT SPRINGS MUTUAL WATER COMPANY	78	63	63	0	0	126	42	63	0	42	0.00	0.00	0.00	0.00	
DJC CORPORATION	66	53	53	0	0	106	0	53	0	0	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	2,201	1,761	1,761	(116)	0	3,406	0	1,761	0	0	0.00	0.00	0.00	0.00	
GAETA, MIGUEL AND MARIA	1,500	1,200	1,029	0	0	2,229	1,259	970	0	1,259	0.00	0.00	0.00	0.00	
GAETA, TRINIDAD	512	410	410	0	0	820	34	410	0	34	0.00	0.00	0.00	0.00	
GAYJIKIAN, SAMUEL AND HAZEL	102	82	82	0	0	164	1	82	0	1	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	178	143	143	0	0	286	127	143	0	127	0.00	0.00	0.00	0.00	
GORDON ACRES WATER COMPANY	54	44	44	0	0	88	19	44	0	19	0.00	0.00	0.00	0.00	
GUBLER, HANS	30	24	24	0	0	48	11	24	0	11	0.00	0.00	0.00	0.00	
HAL-DOR LTD.	23	19	19	0	0	38	6	19	0	6	0.00	0.00	0.00	0.00	
HARVEY, LISA M.	700	560	560	(100)	0	1,020	0	560	0	0	0.00	0.00	0.00	0.00	
HERT, SCOTT	276	221	221	0	0	442	213	221	0	213	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	442	354	354	0	0	708	129	354	0	129	0.00	0.00	0.00	0.00	
HITCHIN LUCERNE, INC.	16	13	13	0	0	26	8	13	0	8	0.00	0.00	0.00	0.00	
JUBILEE MUTUAL WATER COMPANY	142	114	114	(54)	0	174	95	79	0	95	0.00	0.00	0.00	0.00	
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	30	0	42	0	72	70	2	0	70	0.00	0.00	0.00	0.00	
KIM, JU SANG	30	24	24	0	0	48	1	24	0	1	0.00	0.00	0.00	0.00	
LEE, DOO HWAN	78	63	63	0	0	126	0	63	0	0	0.00	0.00	0.00	0.00	
LOPEZ, BALTAZAR	385	308	308	0	0	616	0	308	0	0	0.00	0.00	0.00	0.00	
LUA, MICHAEL T. AND DONNA S.	348	279	279	0	0	558	0	279	0	0	0.00	0.00	0.00	0.00	

AMENDED APPENDIX B FOR WATER YEAR 2013-14
RECONCILED FOR CARRYOVER TRANSFERS IN LIEU OF PAYMENT OF REPLACEMENT AND MAKEUP WATER ASSESSMENTS
AND ALL OTHER ERRATA

(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ESTE SUBAREA

PRODUCER	2013-14 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2015 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION"	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2012-13	2013-14							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
LUCERNE VALLEY MUTUAL WATER COMPANY	54	44	44	0	0	88	33	44	0	33	0.00	0.00	0.00	0.00	
LUCERNE VALLEY PARTNERS	1,213	971	971	0	0	1,942	0	971	0	0	0.00	0.00	0.00	0.00	
LUCERNE VISTA MUTUAL WATER COMPANY	21	17	15	0	0	32	18	14	0	18	0.00	0.00	0.00	0.00	
M.B. LANDSCAPING AND NURSERY, INC.	1,773	1,419	1,254	0	(37)	2,636	1,345	1,291	0	1,345	0.00	0.00	0.00	0.00	
mitsubishi cement corporation	1,395	1,116	1,116	(79)	(83)	2,070	404	1,033	0	404	0.00	0.00	0.00	0.00	
MONACO INVESTMENT COMPANY	70	56	56	0	0	112	0	56	0	0	0.00	0.00	0.00	0.00	
MOSS, LAWRENCE W. AND HELEN J.	43	35	35	0	0	70	22	35	0	22	0.00	0.00	0.00	0.00	
NORRIS TRUST, MARY ANN	73	59	59	0	0	118	1	59	0	1	0.00	0.00	0.00	0.00	
OMYA CALIFORNIA, INC.	23	19	19	0	0	38	33	5	0	33	0.00	0.00	0.00	0.00	
PAK, KAE SOO AND MYONG HUI KANG	247	198	198	0	0	396	29	198	0	29	0.00	0.00	0.00	0.00	
PETTIGREW, DAN	22	18	18	0	0	36	0	18	0	0	0.00	0.00	0.00	0.00	
PETTIGREW, JAMES AND CHERLYN	500	400	400	0	0	800	168	400	0	168	0.00	0.00	0.00	0.00	
REED, MIKE	58	47	47	0	0	94	2	47	0	2	0.00	0.00	0.00	0.00	
ROBERTSON'S READY MIX	0	0	0	0	80	80	80	0	0	0	0.00	0.00	0.00	0.00	
ROYAL WAY	200	160	160	0	0	320	50	160	0	50	0.00	0.00	0.00	0.00	
SABA, SABA A. AND SHIRLEY L.	1,120	896	896	0	0	1,792	0	896	0	0	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 29	40	32	0	0	27	59	59	0	0	32	0.00	0.00	0.00	0.00	
SEALS, WILLIAM AND TIBBETT, VICKI SEALS	33	27	27	0	0	54	0	27	0	0	0.00	0.00	0.00	0.00	
SON'S RANCH	140	112	112	0	0	224	57	112	0	57	0.00	0.00	0.00	0.00	
SPECIALTY MINERALS, INC.	42	34	3	0	11	48	48	0	0	37	0.00	0.00	0.00	0.00	
SPILLMAN, JAMES R. AND NANCY J.	23	19	19	0	0	38	7	19	0	7	0.00	0.00	0.00	0.00	
THE CUSHENBURY TRUST, C/O SPECIALTY MINERALS, INC.	10	8	8	0	(8)	8	1	0	0	1	0.00	0.00	0.00	0.00	
VIROSTECK, STEVE AND JULIE	56	45	45	0	0	90	2	45	0	2	0.00	0.00	0.00	0.00	
WEISER, ET AL. (FORMERLY: WEISER, SIDNEY AND RAQUEL)	90	72	0	100	37	209	209	0	0	172	0.00	0.00	0.00	0.00	
WEST END MUTUAL WATER COMPANY	30	24	24	(8)	0	40	12	24	0	12	0.00	0.00	0.00	0.00	
WILSHIRE ROAD PARTNERS	692	554	554	0	0	1,108	0	554	0	0	0.00	0.00	0.00	0.00	
TOTAL	19,251	15,422	14,816	(244)	0	29,994	5,712	14,593	8	5,549	0.00	3,584.00	0.00	3,584.00	

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OESTE SUBAREA

PRODUCER	2013-14 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2015 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$448.00/AF	MAKEUP WATER N/A	TOTAL
				2012-13	2013-14									
				CARRYOVER ³	FPA ⁴									
AEROCHEM, INC.	660	528	528	0	0	1,056	12	528	0	12	0.00	0.00	0.00	0.00
AQUA CAPITAL MANAGEMENT, LP	929	744	744	0	0	1,488	0	744	0	0	0.00	0.00	0.00	0.00
BROWN, SUE AND DOUG	46	37	37	0	0	74	0	37	0	0	0.00	0.00	0.00	0.00
CHAMISAL MUTUAL WATER COMPANY	96	77	77	0	0	154	18	77	0	18	0.00	0.00	0.00	0.00
DOSSEY, D. A.	7	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
HANDRINOS, NICOLE A.	7	6	6	0	0	12	2	6	0	2	0.00	0.00	0.00	0.00
HETTINGA, HEIN AND ELLEN	1,209	968	704	0	0	1,672	1,304	368	0	1,304	0.00	0.00	0.00	0.00
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 10)	3,751	3,001	1,101	0	0	4,102	2,076	2,026	0	2,076	0.00	0.00	0.00	0.00
THORESON, ROBERT F. AND KATHLEEN	40	32	32	0	0	64	0	32	0	0	0.00	0.00	0.00	0.00
TROEGER FAMILY TRUST, RICHARD H.	112	90	90	0	0	180	9	90	0	9	0.00	0.00	0.00	0.00
TOTAL	6,857	5,489	3,325	0	0	8,814	3,421	3,914	0	3,421	0.00	0.00	0.00	0.00

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2012-13 CARRYOVER ³	2013-14 FPA ⁴							WATER \$448.00/AF	WATER \$448.00/AF		
ABBOTT FAMILY TRUST	144	116	113	(113)	0	116	2	114	0	2	0.05	0.00	22.40	22.40	
ADELANTO, CITY OF	4,366	2,620	0	0	1,850	4,470	4,470	0	0	2,620	0.00	0.00	0.00	0.00	
ADES, JOHN AND DEVON	37	30	24	(24)	(25)	5	5	0	0	5	0.13	0.00	58.24	58.24	
AGCON, INC.	384	231	38	(38)	59	290	290	0	0	231	0.00	0.00	0.00	0.00	
AMERICAN STATES WATER COMPANY	1,000	600	600	(600)	(400)	200	0	200	0	0	0.00	0.00	0.00	0.00	
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	101	0	0	0	101	96	5	0	96	0.00	0.00	0.00	0.00	
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	75	0	0	21	96	110	0	14	75	0.00	6,272.00	0.00	6,272.00	
APPLE VALLEY RANCHOS WATER COMPANY	13,610	8,166	0	3,023	27	11,216	10,544	672	0	10,544	0.00	0.00	0.00	0.00	
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	22	0	0	5	27	27	0	0	22	0.00	0.00	0.00	0.00	
APPLE VALLEY, TOWN OF	1,082	650	389	(329)	(27)	683	263	420	0	263	0.00	0.00	0.00	0.00	
AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE	1,077	862	0	0	(862)	0	0	0	0	0	0.00	0.00	0.00	0.00	
AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL	685	411	0	0	(411)	0	0	0	0	0	0.00	0.00	0.00	0.00	
BASS TRUST, NEWTON T.	514	412	410	(410)	(220)	192	2	190	0	2	0.05	0.00	22.40	22.40	
BASTIANON REVOCABLE TRUST	77	62	61	(61)	(17)	45	1	44	0	1	0.03	0.00	13.44	13.44	
BASURA FAMILY TRUST	0	0	6	(6)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
BEEBE, ROBERT W. AND DOROTHY K.	6	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
BEINSCHROTH FAMILY TRUST	729	584	431	(431)	(497)	87	87	0	0	87	0.00	0.00	0.00	0.00	
BEINSCHROTH, A. J.	100	80	16	(16)	(42)	38	38	0	0	38	0.00	0.00	0.00	0.00	
BROWN, BOBBY G. AND VALERIA R.	42	34	32	(30)	0	36	2	34	0	2	0.05	0.00	22.40	22.40	
BROWN, JENNIFER	41	33	29	(29)	0	33	4	29	0	4	0.10	0.00	44.80	44.80	
BRUNEAU, KAREN	10	8	8	0	0	16	3	8	0	3	0.08	0.00	35.84	35.84	
BUNNELL, DICK	24	20	18	(18)	0	20	2	18	0	2	0.05	0.00	22.40	22.40	
CALMAT COMPANY	25	15	13	(13)	0	15	4	11	0	4	0.10	0.00	44.80	44.80	
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	1,265	1	0	683	1,949	1,949	0	0	1,266	0.00	0.00	0.00	0.00	
CDFW - MOJAVE RIVER FISH HATCHERY (SEE NOTE 11)	20	16	0	0	0	16	20	0	0	0	0.00	0.00	0.00	0.00	
CEMEX, INC.	1,499	900	0	200	207	1,307	1,307	0	0	1,100	0.00	0.00	0.00	0.00	
CRAMER REVOCABLE LIVING TRUST	0	0	224	(224)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
CROCKER, BRIAN J. (FORMERLY: AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE)	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
CROCKER, THEODORE J.	0	0	4	(4)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
DAILY, DAVID O. AND ELIZABETH (SEE NOTE 12)	0						1								
DOLCH, ROBERT AND JUDY	100	80	74	(74)	0	80	7	73	0	7	0.00	0.00	0.00	0.00	
DORA LAND, INC.	15	12	12	(12)	0	12	0	12	0	0	0.00	0.00	0.00	0.00	

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ALTO SUBAREA

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2012-13 CARRYOVER ³	2013-14 FPA ⁴							WATER	WATER		
												\$448.00/AF	\$448.00/AF		
ELISABELLA, LLC	65	52	51	(51)	0	52	2	50	0	2	0.05	0.00	22.40	22.40	
EVENSON, EDWIN H. AND JOYCELAINE C.	70	56	56	0	0	112	1	56	0	1	0.03	0.00	13.44	13.44	
FEDERAL BUREAU OF PRISONS, VICTORVILLE	686	412	0	0	(412)	0	0	0	0	0	0.00	0.00	0.00	0.00	
FISCHER, ELMER G. AND BEVERLY C.	36	29	28	(28)	0	29	1	28	0	1	0.03	0.00	13.44	13.44	
FISHER TRUST, JEROME R.	633	507	507	(507)	0	507	0	507	0	0	0.00	0.00	0.00	0.00	
FITZWATER, R. E. (SEE NOTE 12)	291						20								
FRAZIER, ET AL.	50	40	40	(40)	(21)	19	0	19	0	0	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	940	564	0	514	0	1,078	989	89	0	989	0.00	0.00	0.00	0.00	
GREEN ACRES ESTATES	25	15	15	0	0	30	5	15	0	5	0.13	0.00	58.24	58.24	
GULBRANSON, MERLIN	5	4	4	0	0	8	1	4	0	1	0.03	0.00	13.44	13.44	
HAAS, BRYAN C. AND HINKLE, MARY H.	9	8	8	(8)	0	8	0	8	0	0	0.00	0.00	0.00	0.00	
HALANNA EQUITIES III	19	16	16	0	0	32	6	16	0	6	0.15	0.00	67.20	67.20	
HAMILTON FAMILY TRUST	108	87	74	(74)	0	87	18	69	0	18	0.46	0.00	206.08	206.08	
HARRISON, CONNIE AND HAROLD	5	4	4	0	0	8	0	4	0	0	0.00	0.00	0.00	0.00	
HELENDALE COMMUNITY SERVICES DISTRICT	2,878	1,727	1,617	(1,053)	(2)	2,289	1,712	577	0	1,712	0.00	0.00	0.00	0.00	
HELENDALE SCHOOL DISTRICT	18	11	10	0	0	21	8	11	0	8	0.21	0.00	94.08	94.08	
HENDERSON - INDUSTRIAL, MICHAEL	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
HENDERSON, MICHAEL	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
HESPERIA - GOLF COURSE, CITY OF	678	407	149	(149)	9	416	456	0	40	407	0.00	17,920.00	0.00	17,920.00	
HESPERIA VENTURE I, LLC	0	0	0	0	0	0	1	0	1	0	0.00	448.00	0.00	448.00	
HESPERIA WATER DISTRICT	13,688	8,213	0	130	5,440	13,783	14,427	0	644	8,343	0.00	288,512.00	0.00	288,512.00	
HESPERIA, CITY OF	6,236	3,742	3,622	(3,622)	(3,742)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	149	90	79	(79)	(59)	31	14	17	0	14	0.00	0.00	0.00	0.00	
HOLWAY JEFFREY R AND PATRICIA GAGE	8	7	7	(7)	0	7	0	7	0	0	0.00	0.00	0.00	0.00	
HOLWAY, JEFFREY R	11	9	9	(9)	0	9	0	9	0	0	0.00	0.00	0.00	0.00	
JAMBOREE HOUSING CORPORATION	0	0	0	56	0	56	49	0	0	49	1.26	0.00	564.48	564.48	
JESS RANCH WATER COMPANY	7,230	4,338	3,815	(3,815)	(1,085)	3,253	1,553	1,700	0	1,553	0.00	0.00	0.00	0.00	
JOHNSON, CARLEAN	28	23	27	(5)	(9)	36	25	11	0	25	0.00	0.00	0.00	0.00	
JOHNSON, RONALD	31	25	25	(25)	0	25	0	25	0	0	0.00	0.00	0.00	0.00	
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	102	97	(97)	0	102	6	96	0	6	0.15	0.00	67.20	67.20	
KANESAKA, KENJI AND YUKARI	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
KEMPER CAMPBELL RANCH	473	379	229	(229)	0	379	205	174	0	205	0.00	0.00	0.00	0.00	
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	527	527	(527)	(527)	0	0	0	0	0	0.00	0.00	0.00	0.00	
LANGLEY - INDUSTRIAL, JAMES	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	

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ALTO SUBAREA

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2012-13	2013-14							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
LANGLEY, JAMES	5	4	4	(4)	(4)	0	0	0	0	0	0.00	0.00	0.00	0.00	
LAWSON, ERNEST AND BARBARA	15	12	11	(11)	(7)	5	2	3	0	2	0.05	0.00	22.40	22.40	
LENHERT, RONALD AND TONI	37	30	30	0	0	60	8	30	0	8	0.21	0.00	94.08	94.08	
LHC ALLIGATOR, LLC	498	399	399	(399)	0	399	0	399	0	0	0.00	0.00	0.00	0.00	
LOUNSBURY, J. PETER AND CAROLYN (SEE NOTE 13)	181	145	145	0	0	290	0	145	0	0	0.00	0.00	0.00	0.00	
LOW, DEAN	199	160	160	(160)	(160)	0	0	0	0	0	0.00	0.00	0.00	0.00	
LUCKEY, MANLEY J.	300	240	99	(90)	9	258	258	0	0	249	0.00	0.00	0.00	0.00	
MARIANA RANCHOS COUNTY WATER DISTRICT	245	147	0	0	47	194	194	0	0	147	0.00	0.00	0.00	0.00	
MCINNIS, WILLIAM S.	30	24	12	(12)	(10)	14	14	0	0	14	0.00	0.00	0.00	0.00	
MLH, LLC	13	11	11	0	0	22	4	11	0	4	0.10	0.00	44.80	44.80	
NAVAJO MUTUAL WATER COMPANY	88	53	53	0	0	106	28	53	0	28	0.00	0.00	0.00	0.00	
NUÑEZ, LUIS SEGUNDO	0	0	0	0	1	1	1	0	0	0	0.00	0.00	0.00	0.00	
NUNN, DONALD AND PEARL	36	29	28	(28)	0	29	1	28	0	1	0.03	0.00	13.44	13.44	
ORO GRANDE SCHOOL DISTRICT	107	65	65	0	0	130	40	65	0	40	1.03	0.00	461.44	461.44	
PEARSON, DERYL B.	22	18	18	0	0	36	0	18	0	0	0.00	0.00	0.00	0.00	
PERRY, THOMAS A.	5	4	3	(3)	0	4	1	3	0	1	0.03	0.00	13.44	13.44	
PHAM, ET AL. (FORMERLY: AQUA CAPITAL MANGEMENT, LP - AGRICULTURE)	0	0	0	0	48	48	48	0	0	0	0.00	0.00	0.00	0.00	
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	213	42	0	0	255	169	86	0	169	0.00	0.00	0.00	0.00	
PITTMAN, LEROY W.	148	119	119	0	0	238	1	119	0	1	0.03	0.00	13.44	13.44	
POLICH, LEE AND DONNA	65	52	52	0	0	104	0	52	0	0	0.00	0.00	0.00	0.00	
RANCHERITOS MUTUAL WATER COMPANY	169	102	0	0	12	114	114	0	0	102	0.00	0.00	0.00	0.00	
RIM PROPERTIES, A GENERAL PARTNERSHIP	9	8	8	(8)	0	8	0	8	0	0	0.00	0.00	0.00	0.00	
RIVERSIDE CEMENT COMPANY - AGRICULTURE	643	515	515	(515)	0	515	0	515	0	0	0.00	0.00	0.00	0.00	
RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT	2,809	1,686	1,340	(1,340)	0	1,686	340	1,346	0	340	0.00	0.00	0.00	0.00	
ROSS, CARL E. LIVING TRUST	824	660	0	5	(660)	5	5	0	0	5	0.13	0.00	58.24	58.24	
RUE RANCH	30	24	24	0	0	48	3	24	0	3	0.08	0.00	35.84	35.84	
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION FAC	0	0	0	0	41	41	41	0	0	0	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 42	465	279	192	(192)	(192)	87	85	2	0	85	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	2,294	0	422	279	2,995	2,995	0	0	2,826	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	609	0	629	546	1,784	1,784	0	0	1,238	0.00	0.00	0.00	0.00	
SAPP, ROBERT D. AND LEE, TERESA J.	42	34	18	(18)	0	34	7	27	0	7	0.00	0.00	0.00	0.00	
SCRAY, MICHELLE A. TRUST	15	12	12	(12)	0	12	1	11	0	1	0.03	0.00	13.44	13.44	
SERVICE ROCK PRODUCTS CORPORATION	20	12	0	0	0	12	16	0	4	12	0.31	1,792.00	138.88	1,930.88	

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				2012-13 CARRYOVER ³	2013-14 FPA ⁴							WATER \$448.00/AF	WATER \$448.00/AF		
SILVER LAKES ASSOCIATION	4,987	2,993	182	503	386	4,064	3,502	562	0	3,502	0.00	0.00	0.00	0.00	
SPRING VALLEY LAKE ASSOCIATION	3,703	2,222	0	0	568	2,790	2,790	0	0	2,222	0.00	0.00	0.00	0.00	
SPRING VALLEY LAKE COUNTRY CLUB	977	587	0	0	116	703	703	0	0	587	0.00	0.00	0.00	0.00	
STORM, RANDALL	62	50	50	(50)	0	50	0	50	0	0	0.00	0.00	0.00	0.00	
SUDMEIER, GLENN W.	20	16	13	(13)	0	16	2	14	0	2	0.05	0.00	22.40	22.40	
SUMMERS FAMILY TRUST	0	0	0	0	21	21	21	0	0	0	0.00	0.00	0.00	0.00	
SUMMIT VALLEY RANCH, LLC	57	46	10	(10)	(36)	10	10	0	0	10	0.26	0.00	116.48	116.48	
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	335	330	(330)	0	335	9	326	0	9	0.00	0.00	0.00	0.00	
THOMPSON LIVING TRUST, R.L. AND R.A.	13	11	4	(4)	0	11	7	4	0	7	0.00	0.00	0.00	0.00	
THRASHER, GARY	373	299	234	(234)	0	299	37	262	0	37	0.00	0.00	0.00	0.00	
THUNDERBIRD COUNTY WATER DISTRICT	118	71	0	0	38	109	109	0	0	71	0.00	0.00	0.00	0.00	
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLIND	26	21	21	0	0	42	0	21	0	0	0.00	0.00	0.00	0.00	
UDDERLY GOLD FARMS, LLC	0	0	22	(22)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
VANHOOPS HOLDINGS, LP	360	288	267	(267)	0	288	15	273	0	15	0.00	0.00	0.00	0.00	
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	144	0	0	289	433	433	0	0	144	0.00	0.00	0.00	0.00	
VICTOR VALLEY MEMORIAL PARK	0	0	0	1	56	57	57	0	0	1	0.03	0.00	13.44	13.44	
VICTORVILLE WATER DISTRICT, ID#1 (SEE NOTE 14)	23,020	13,812	0	0	1,470	15,282	20,327	0	5,045	15,282	0.00	2,260,160.00	0.00	2,260,160.00	
VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 14)	2,932	1,760	0	0	0	1,760	4,663	0	2,903	1,760	0.00	1,300,544.00	0.00	1,300,544.00	
VOGLER, ALBERT H. AND RITA K.	62	50	49	(49)	0	50	1	49	0	1	0.03	0.00	13.44	13.44	
WAGNER FAMILY TRUST	1,224	980	980	(980)	0	980	0	980	0	0	0.00	0.00	0.00	0.00	
WAKULA, JOHN AND HELEN	11	9	9	0	0	18	1	9	0	1	0.03	0.00	13.44	13.44	
WARD, KEN AND BARBARA	65	52	52	0	0	104	16	52	0	16	0.41	0.00	183.68	183.68	
WEST, HOWARD AND SUZY	72	58	58	(58)	0	58	0	58	0	0	0.00	0.00	0.00	0.00	
WEST, JIMMIE E.	10	8	7	(7)	0	8	1	7	0	1	0.03	0.00	13.44	13.44	
WESTERN WATER COMPANY	15	12	12	0	0	24	0	12	0	0	0.00	0.00	0.00	0.00	
WESTLAND INDUSTRIES, INC.	54	33	0	0	0	33	32	1	0	32	0.00	0.00	0.00	0.00	
WIENER, MELVIN AND MARIAM S.	30	18	18	0	0	36	0	18	0	0	0.00	0.00	0.00	0.00	
WOOD, MICHAEL AND DENISE	0	0	0	0	0	0	2	0	2	0	0.00	896.00	0.00	896.00	
WYATT FAMILY TRUST	70	56	56	(56)	(56)	0	0	0	0	0	0.00	0.00	0.00	0.00	
TOTAL	114,308	70,695	19,258	(12,146)	2,745	80,552	72,305	10,970	8,653	58,702	6.01	3,876,544.00	2,692.48	3,879,236.48	

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				2012-13	2013-14							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	29	24	24	0	(14)	34	0	10	0	0	0.00	0.00	0.00	0.00	
AQUA CAPITAL MANAGEMENT, LP	2,336	1,869	1,869	0	(447)	3,291	0	1,422	0	0	0.00	0.00	0.00	0.00	
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	120	96	96	0	(83)	109	0	13	0	0	0.00	0.00	0.00	0.00	
BAR-LEN MUTUAL WATER COMPANY	48	39	0	0	4	43	43	0	0	39	0.00	0.00	0.00	0.00	
BARSTOW COMMUNITY DEVELOPERS, LLC	0	0	0	0	4	4	4	0	0	0	0.00	0.00	0.00	0.00	
BEST, BYRON L.	21	17	17	0	0	34	0	17	0	0	0.00	0.00	0.00	0.00	
BROMMER FAMILY TRUST	361	289	289	0	(201)	377	0	88	0	0	0.00	0.00	0.00	0.00	
CHAFAR, LARRY R. AND DELINDA C.	46	37	37	0	0	74	1	37	0	1	0.00	0.00	0.00	0.00	
CHOI, YONG IL AND JOUNG AE	38	31	31	0	0	62	0	31	0	0	0.00	0.00	0.00	0.00	
CHRISTISON, JOEL	75	60	60	0	0	120	1	60	0	1	0.00	0.00	0.00	0.00	
CONTRATTO, ERSULA	151	121	121	0	(75)	167	1	46	0	1	0.00	0.00	0.00	0.00	
DARR, JAMES S.	408	327	327	0	0	654	20	327	0	20	0.00	0.00	0.00	0.00	
DE VRIES, NEIL AND MARY FAMILY TRUST	3,800	3,040	2,913	0	0	5,953	1	3,040	0	1	0.00	0.00	0.00	0.00	
DORRANCE, DAVID W. AND TAMELA L.	19	16	16	0	(16)	16	0	0	0	0	0.00	0.00	0.00	0.00	
EYGNOR, ROBERT E. AND PATSY C.	50	40	40	0	0	80	0	40	0	0	0.00	0.00	0.00	0.00	
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE M	30	24	24	0	0	48	0	24	0	0	0.00	0.00	0.00	0.00	
FRATES, D. COLE	13	11	11	0	(11)	11	0	0	0	0	0.00	0.00	0.00	0.00	
FRIEND, JOSEPH AND DEBORAH	60	48	48	0	0	96	11	48	0	11	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	132	106	106	0	0	212	0	106	0	0	0.00	0.00	0.00	0.00	
GAINES FAMILY TRUST, JACK AND MARY	92	74	74	0	0	148	1	74	0	1	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	14,407	11,526	11,526	(2,300)	(851)	19,901	6,071	10,675	0	6,071	0.00	0.00	0.00	0.00	
GUTIERREZ, JOSE AND GLORIA	130	104	104	0	0	208	20	104	0	20	0.00	0.00	0.00	0.00	
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	122	122	0	0	244	1	122	0	1	0.00	0.00	0.00	0.00	
HARMSSEN FAMILY TRUST (FORMERLY: HARMSSEN, JAMES AND RUTH ANN)	722	578	0	501	0	1,079	809	270	0	809	0.00	0.00	0.00	0.00	
HARPER LAKE COMPANY VIII	1,433	1,147	551	0	0	1,698	1,060	638	0	1,060	0.00	0.00	0.00	0.00	
HELENDALE COMMUNITY SERVICES DISTRICT	19	16	16	0	(16)	16	0	0	0	0	0.00	0.00	0.00	0.00	
HENSLEY, MARK P.	27	22	19	0	0	41	13	22	0	13	0.00	0.00	0.00	0.00	
HERMANAS MISIONERAS SERVIDORAS DE LA PALABRA	0	0	70	(70)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
HI DESERT MUTUAL WATER COMPANY	34	28	0	0	2	30	30	0	0	28	0.00	0.00	0.00	0.00	
HIGH DESERT ASSOCIATES, INC.	513	411	411	0	0	822	0	411	0	0	0.00	0.00	0.00	0.00	
HILL FAMILY TRUST AND HILL'S RANCH, INC.	2,335	1,868	1,868	0	(313)	3,423	40	1,555	0	40	0.00	0.00	0.00	0.00	
HOWARD REVOCABLE TRUST	0	0	35	(35)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
HOWARD, ET AL. (FORMERLY: HOWARD REVOCABLE TRUST)	43	35	0	35	0	70	0	35	0	0	0.00	0.00	0.00	0.00	

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				2012-13 CARRYOVER ³	2013-14 FPA ⁴							WATER	WATER		
												\$448.00/AF	N/A		
HUERTA, HECTOR	656	525	466	800	0	1,791	1,126	525	0	1,126	0.00	0.00	0.00	0.00	
JONES, JOETTE	22	18	18	0	0	36	0	18	0	0	0.00	0.00	0.00	0.00	
JORDAN FAMILY TRUST	460	368	368	0	0	736	5	368	0	5	0.00	0.00	0.00	0.00	
KASNER FAMILY LIMITED PARTNERSHIP	421	337	337	0	0	674	0	337	0	0	0.00	0.00	0.00	0.00	
KENWOOD MANAGEMENT, LLC	52	42	42	0	0	84	8	42	0	8	0.00	0.00	0.00	0.00	
KIM, JIN S. AND HYUN H.	190	152	152	0	(95)	209	0	57	0	0	0.00	0.00	0.00	0.00	
LEE, ET AL., SEPOONG AND WOO POONG	77	62	62	0	0	124	2	62	0	2	0.00	0.00	0.00	0.00	
LEYERLY, GENEVA (SEE NOTE 12)	65						7								
LEYERLY, RICHARD (SEE NOTE 12)	862						738								
MCCOLLUM, CHARLES L.	115	92	92	0	0	184	0	92	0	0	0.00	0.00	0.00	0.00	
MEAD FAMILY TRUST (FORMERLY: MEAD, G. C. (BUCK))	115	92	92	0	0	184	1	92	0	1	0.00	0.00	0.00	0.00	
MOJAVE SOLAR, LLC	5,239	4,192	4,192	0	0	8,384	272	4,192	0	272	0.00	0.00	0.00	0.00	
MOST FAMILY TRUST	56	45	45	0	0	90	0	45	0	0	0.00	0.00	0.00	0.00	
NURSERY PRODUCTS LLC	0	0	0	0	6	6	6	0	0	0	0.00	0.00	0.00	0.00	
ODESSA WATER DISTRICT	299	240	240	0	0	480	0	240	0	0	0.00	0.00	0.00	0.00	
OHAI, REYNOLDS AND DOROTHY	137	110	110	0	0	220	10	110	0	10	0.00	0.00	0.00	0.00	
OSTERKAMP, GEROLD (SEE NOTE 12)	260						125								
PACIFIC GAS AND ELECTRIC COMPANY	4,436	3,549	2,812	70	0	6,431	3,096	3,335	0	3,096	0.00	0.00	0.00	0.00	
RIOS, MARIANO V.	8	7	5	0	0	12	8	4	0	8	0.00	0.00	0.00	0.00	
RIVERO, FIDEL V.	20	16	16	0	0	32	1	16	0	1	0.00	0.00	0.00	0.00	
RUISCH TRUST, DALE W. AND NELLIE H.	650	520	520	0	0	1,040	565	475	0	565	0.00	0.00	0.00	0.00	
SERVICE ROCK PRODUCTS CORPORATION	766	613	613	0	0	1,226	83	613	0	83	0.00	0.00	0.00	0.00	
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	186	186	0	0	372	0	186	0	0	0.00	0.00	0.00	0.00	
SMITH, ROBERT A.	38	31	31	0	0	62	13	31	0	13	0.00	0.00	0.00	0.00	
SOPPELAND, WAYNE	478	383	383	(29)	(12)	725	11	371	0	11	0.00	0.00	0.00	0.00	
TALLAKSON, WILLIAM V. AND ELIZABETH A.	17	14	14	0	0	28	6	14	0	6	0.00	0.00	0.00	0.00	
VALENTI, VITO	17	14	14	0	0	28	4	14	0	4	0.00	0.00	0.00	0.00	
VAN DAM REVOCABLE TRUST, E AND S	722	578	578	0	0	1,156	188	578	0	188	0.00	0.00	0.00	0.00	
VAN LEEUWEN, JOHN	1,465	1,172	1,109	0	0	2,281	1,305	976	0	1,305	0.00	0.00	0.00	0.00	
VERNOLA TRUST, PAT AND MARY ANN	3,116	2,493	2,493	1,500	0	6,486	3,908	2,493	0	3,908	0.00	0.00	0.00	0.00	
VICTORVILLE WATER DISTRICT, ID#1	796	637	637	0	(637)	637	0	0	0	0	0.00	0.00	0.00	0.00	
WERNER, ANDREW J.	18	15	15	0	(15)	15	0	0	0	0	0.00	0.00	0.00	0.00	

AMENDED APPENDIX B FOR WATER YEAR 2013-14
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AND ALL OTHER ERRATA

(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

CENTRO SUBAREA

PRODUCER	2013-14 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2015 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED ⁷ FPA	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$448.00/AF	MAKEUP WATER N/A	TOTAL
				2012-13 CARRYOVER ³	2013-14 FPA ⁴									
WESTERN DEVELOPMENT AND STORAGE, LLC	6	5	5	0	(5)	5	0	0	0	0	0.00	0.00	0.00	0.00
WITHEY, CONNIE	22	18	18	0	0	36	1	18	0	1	0.00	0.00	0.00	0.00
YKEMA TRUST	0	0	818	(818)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
TOTAL	49,477	38,652	37,308	(346)	(2,775)	72,839	19,616	34,519	0	18,730	0.00	0.00	0.00	0.00

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BAJA SUBAREA

PRODUCER	2013-14 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2015 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP ⁹ OBLIGATION	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2012-13	2013-14							WATER	WATER		
				CARRYOVER ³	FPA ⁴							\$448.00/AF	N/A		
AHN, CHUN SOO AND WHA JA (FORMERLY: PARK, STEWART C.)	50	29	0	30	0	59	0	29	0	0	0.00	0.00	0.00	0.00	
AKE, CHARLES J. AND MARJORIE M.	23	14	14	0	0	28	0	14	0	0	0.00	0.00	0.00	0.00	
AQUA CAPITAL MANAGEMENT, LP	916	527	0	0	(527)	0	0	0	0	0	0.00	0.00	0.00	0.00	
ARGUELLES, ALFREDO	647	373	389	0	0	762	298	373	0	298	0.00	0.00	0.00	0.00	
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	80	46	42	0	0	88	56	32	0	56	0.00	0.00	0.00	0.00	
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	16	17	0	0	33	0	16	0	0	0.00	0.00	0.00	0.00	
BARBER, JAMES B.	167	97	101	0	0	198	68	97	0	68	0.00	0.00	0.00	0.00	
BARON, SUSAN AND PALMER, CURTIS	26	15	16	0	0	31	0	15	0	0	0.00	0.00	0.00	0.00	
BEDINGFIELD, LYNDELL AND CHARLENE	56	33	34	0	0	67	0	33	0	0	0.00	0.00	0.00	0.00	
BENDER, MARLENE	60	35	36	0	0	71	0	35	0	0	0.00	0.00	0.00	0.00	
BORGOGNO REVOCABLE LIVING TRUST	1,844	1,061	619	0	0	1,680	1,030	650	0	1,030	0.00	0.00	0.00	0.00	
BORJA, LEONIL T. AND TITAL L.	20	12	12	0	0	24	0	12	0	0	0.00	0.00	0.00	0.00	
BOWMAN, EDWIN L.	11	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00	
BREDELIS, RONALD C. AND JEAN	64	37	21	(21)	0	37	21	16	0	21	0.00	0.00	0.00	0.00	
BROWN, RONALD A.	1,080	621	508	0	0	1,129	903	226	0	903	0.00	0.00	0.00	0.00	
BUDGET FINANCE COMPANY (FORMERLY: ELMER, JOHN AND DONNA L.)	32	19	0	20	0	39	1	19	0	1	0.00	0.00	0.00	0.00	
BUSH, KEVIN	110	64	66	0	0	130	2	64	0	2	0.00	0.00	0.00	0.00	
CALICO JUNCTION	20	12	12	0	0	24	0	12	0	0	0.00	0.00	0.00	0.00	
CALICO LAKES HOMEOWNERS ASSOCIATION	377	217	0	84	17	318	264	0	0	264	0.00	0.00	0.00	0.00	
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	41	43	0	0	84	14	41	0	14	0.00	0.00	0.00	0.00	
CAMANGA, TONY AND MARIETTA	47	28	29	0	0	57	1	28	0	1	0.00	0.00	0.00	0.00	
CAMPBELL, M. A. AND DIANNE	22	13	14	0	0	27	1	13	0	1	0.00	0.00	0.00	0.00	
CARLTON, SUSAN	155	90	93	0	0	183	2	90	0	2	0.00	0.00	0.00	0.00	
CDFW - CAMP CADY	921	530	553	0	0	1,083	13	530	0	13	0.00	0.00	0.00	0.00	
CF PROPERTIES, LLC	845	486	75	165	0	726	689	37	0	689	0.00	0.00	0.00	0.00	
CHAPMAN UNIVERSITY	54	32	11	0	0	43	53	0	10	43	0.00	4,480.00	0.00	4,480.00	
CHEYENNE LAKE, INC.	387	223	198	0	0	421	194	183	0	194	0.00	0.00	0.00	0.00	
CLARK, ARTHUR	50	29	30	0	0	59	1	29	0	1	0.00	0.00	0.00	0.00	
CLINE, VIVIAN D.	36	21	22	0	0	43	6	21	0	6	0.00	0.00	0.00	0.00	
CONNER, WILLIAM H.	25	15	15	0	0	30	5	15	0	5	0.00	0.00	0.00	0.00	
CORBRIDGE, LINDA S.	32	19	20	0	0	39	4	19	0	4	0.00	0.00	0.00	0.00	
CRANDALL, ESTHER	5	3	3	0	0	6	0	3	0	0	0.00	0.00	0.00	0.00	
CROSS, FRANCIS AND BEVERLY	40	23	24	0	0	47	0	23	0	0	0.00	0.00	0.00	0.00	

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2012-13 CARRYOVER ³	2013-14 FPA ⁴							WATER	WATER		
												\$448.00/AF	N/A		
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	644	371	267	0	0	638	430	110	0	430	0.00	0.00	0.00	0.00	
DAGGETT COMMUNITY SERVICES DISTRICT	304	175	183	100	0	458	244	175	0	244	0.00	0.00	0.00	0.00	
DAGGETT RANCH, LLC	76	44	42	0	0	86	44	42	0	44	0.00	0.00	0.00	0.00	
DE JONG FAMILY TRUST	3,053	1,756	1,763	69	0	3,588	1,820	1,756	0	1,820	0.00	0.00	0.00	0.00	
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	17	18	0	0	35	0	17	0	0	0.00	0.00	0.00	0.00	
DOCIMO LIVING TRUST, ALLEN LEE	109	63	66	0	0	129	65	63	0	65	0.00	0.00	0.00	0.00	
DONALDSON, JERRY AND BEVERLY	90	52	54	0	0	106	1	52	0	1	0.00	0.00	0.00	0.00	
DOWELL, LEONARD	23	14	14	0	0	28	0	14	0	0	0.00	0.00	0.00	0.00	
D'SILVA, MELANIE	54	32	0	0	0	32	32	0	0	32	0.00	0.00	0.00	0.00	
ELMER, JOHN AND DONNA L.	0	0	20	(20)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
FAWCETT, EDWARD C.	20	12	12	0	0	24	0	12	0	0	0.00	0.00	0.00	0.00	
FEJFAR, MONICA KAY	20	12	12	0	0	24	0	12	0	0	0.00	0.00	0.00	0.00	
FERNANDEZ, ARTURO	76	44	46	0	0	90	1	44	0	1	0.00	0.00	0.00	0.00	
FERRO, DENNIS AND NORMA	32	19	20	0	0	39	0	19	0	0	0.00	0.00	0.00	0.00	
FIRST CPA LLC	57	33	35	0	0	68	12	33	0	12	0.00	0.00	0.00	0.00	
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	245	255	0	0	500	158	245	0	158	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	1,637	942	751	(112)	527	2,108	1,249	859	0	1,249	0.00	0.00	0.00	0.00	
GARCIA, DANIEL	23	14	14	0	0	28	1	14	0	1	0.00	0.00	0.00	0.00	
GARG, OM P.	483	278	290	0	0	568	8	278	0	8	0.00	0.00	0.00	0.00	
GENON ENERGY, INC.	7,194	4,137	4,317	(830)	(174)	7,450	546	3,963	0	546	0.00	0.00	0.00	0.00	
GRAY, GEORGE F. AND BETTY E.	94	55	57	0	0	112	0	55	0	0	0.00	0.00	0.00	0.00	
HAAS, BRYAN C. AND HINKLE, MARY H.	80	46	48	(48)	0	46	6	40	0	6	0.00	0.00	0.00	0.00	
HACKBARTH, EDWARD E.	1,517	873	490	0	0	1,363	1,002	361	0	1,002	0.00	0.00	0.00	0.00	
HANSON AGGREGATES WRP, INC.	31	18	19	0	0	37	0	18	0	0	0.00	0.00	0.00	0.00	
HARESON, NICHOLAS AND MARY	8	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
HARTER, JOE AND SUE	5,234	3,010	2,743	500	0	6,253	3,334	2,919	0	3,334	0.00	0.00	0.00	0.00	
HASS, PAULINE L.	35	21	20	(20)	(20)	1	1	0	0	1	0.00	0.00	0.00	0.00	
HENDLEY, RICK AND BARBARA	48	28	29	0	0	57	6	28	0	6	0.00	0.00	0.00	0.00	
HIETT, HARRY L.	29	17	18	0	0	35	1	17	0	1	0.00	0.00	0.00	0.00	
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	175	172	(165)	0	182	11	171	0	11	0.00	0.00	0.00	0.00	
HO, TING-SENG AND AH-GIT	300	173	180	0	0	353	0	173	0	0	0.00	0.00	0.00	0.00	
HOLLISTER, ROBERT H. AND RUTH M.	44	26	24	0	0	50	39	11	0	39	0.00	0.00	0.00	0.00	
HONG, PAUL B. AND MAY	85	49	51	0	0	100	0	49	0	0	0.00	0.00	0.00	0.00	
HORTON, JOHN	242	140	146	0	0	286	15	140	0	15	0.00	0.00	0.00	0.00	
HORTON'S CHILDREN'S TRUST	199	115	34	0	0	149	140	9	0	140	0.00	0.00	0.00	0.00	

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				2012-13 CARRYOVER ³	2013-14 FPA ⁴							WATER	WATER		
												\$448.00/AF	N/A		
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	17	17	0	0	34	0	17	0	0	0.00	0.00	0.00	0.00	
HUNT, RALPH M. AND LILLIAN F.	51	30	31	0	0	61	3	30	0	3	0.00	0.00	0.00	0.00	
HUTCHISON TRUST, WILLIAM O.	368	212	220	(215)	0	217	1	212	0	1	0.00	0.00	0.00	0.00	
HYATT, JAMES AND BRENDA	210	121	126	0	0	247	22	121	0	22	0.00	0.00	0.00	0.00	
IM, NICHOLAS NAK-KYUN	150	87	81	0	0	168	122	46	0	122	0.00	0.00	0.00	0.00	
IRVIN, BERTRAND W.	29	17	18	30	0	65	24	17	0	24	0.00	0.00	0.00	0.00	
ITALMOOD INC., ET. AL.	190	110	114	0	0	224	44	110	0	44	0.00	0.00	0.00	0.00	
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	32	33	(30)	0	35	0	32	0	0	0.00	0.00	0.00	0.00	
JACKSON, RAY	20	12	12	0	0	24	0	12	0	0	0.00	0.00	0.00	0.00	
JOHNSON, JAMES R. AND ELLEN	247	143	108	(108)	(113)	30	30	0	0	30	0.00	0.00	0.00	0.00	
KARIMI, HOOSHANG	70	41	42	0	0	83	0	41	0	0	0.00	0.00	0.00	0.00	
KASNER FAMILY LIMITED PARTNERSHIP	1,501	864	605	(160)	0	1,309	873	436	0	873	0.00	0.00	0.00	0.00	
KASNER, ROBERT	5,713	3,285	2,043	0	0	5,328	4,571	757	0	4,571	0.00	0.00	0.00	0.00	
KATCHER, AUGUST M. AND MARCELINE	23	14	14	0	0	28	1	14	0	1	0.00	0.00	0.00	0.00	
KEMP, ROBERT AND ROSE	32	19	20	0	0	39	0	19	0	0	0.00	0.00	0.00	0.00	
KIEL, MARY	34	20	21	0	0	41	14	20	0	14	0.00	0.00	0.00	0.00	
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	440	788	0	0	1,228	743	440	0	743	0.00	0.00	0.00	0.00	
KIM, SEON JA	50	29	30	0	0	59	1	29	0	1	0.00	0.00	0.00	0.00	
KOEGLER, RONALD R. AND CAROLYN V.	26	15	16	0	0	31	12	15	0	12	0.00	0.00	0.00	0.00	
KOERING, RICHARD AND KOERING, DONNA	20	12	12	0	0	24	1	12	0	1	0.00	0.00	0.00	0.00	
KOROGHLIAN, TED AND NAJWA	15	9	8	0	0	17	11	6	0	11	0.00	0.00	0.00	0.00	
KOSHAREK, JOHN AND JOANN	54	32	33	0	0	65	7	32	0	7	0.00	0.00	0.00	0.00	
LAKE JODIE PROPERTY OWNERS ASSOCIATION	254	147	0	4	168	319	315	0	0	147	0.00	0.00	0.00	0.00	
LAKE WAIKIKI	98	57	59	0	0	116	0	57	0	0	0.00	0.00	0.00	0.00	
LAKE WAINANI OWNERS ASSOCIATION	415	239	205	0	0	444	203	183	0	203	0.00	0.00	0.00	0.00	
LAM, PHILLIP	105	61	63	0	0	124	14	61	0	14	0.00	0.00	0.00	0.00	
LANGLEY, MICHAEL R. AND SHARON	20	12	12	0	0	24	6	12	0	6	0.00	0.00	0.00	0.00	
LAVANH, ET AL. (FORMERLY: SHINTAKU, RICHARD AND CHERYL)	24	14	0	15	0	29	10	14	0	10	0.00	0.00	0.00	0.00	
LAWRENCE, WILLIAM W.	45	26	27	0	0	53	1	26	0	1	0.00	0.00	0.00	0.00	
LEE, VIN JANG T.	630	363	378	0	0	741	0	363	0	0	0.00	0.00	0.00	0.00	
LEM, HOY	32	19	20	0	0	39	0	19	0	0	0.00	0.00	0.00	0.00	
LIANG, YUAN - I AND TZU - MEI CHEN	200	115	120	0	0	235	0	115	0	0	0.00	0.00	0.00	0.00	
LIN, KUAN JUNG AND CHUNG, DER-BING	451	260	271	0	0	531	0	260	0	0	0.00	0.00	0.00	0.00	

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				2012-13 CARRYOVER ³	2013-14 FPA ⁴							WATER \$448.00/AF	WATER N/A		
LO, ET AL. (FORMERLY: WAZZAN, BOURHAN A. K.)	59	34	0	37	0	71	35	34	0	35	0.00	0.00	0.00	0.00	
M BIRD CONSTRUCTION	41	24	25	0	0	49	0	24	0	0	0.00	0.00	0.00	0.00	
MAHJOUBI, AFSAR S.	63	37	38	0	0	75	0	37	0	0	0.00	0.00	0.00	0.00	
MALONEY, JANICE	36	21	22	0	0	43	2	21	0	2	0.00	0.00	0.00	0.00	
MANNING, SHARON S.	63	37	38	0	0	75	46	29	0	46	0.00	0.00	0.00	0.00	
MARCROFT, JAMES A. AND JOAN	38	22	23	0	0	45	17	22	0	17	0.00	0.00	0.00	0.00	
MARSHALL, CHARLES	20	12	12	0	0	24	0	12	0	0	0.00	0.00	0.00	0.00	
MARTIN, MICHAEL D. AND ARLENE D.	63	37	20	0	0	57	37	20	0	37	0.00	0.00	0.00	0.00	
MAYBERRY, DONALD J.	41	24	25	0	0	49	12	24	0	12	0.00	0.00	0.00	0.00	
MILBRAT, IRVING H.	73	42	44	0	0	86	30	42	0	30	0.00	0.00	0.00	0.00	
MILLER LIVING TRUST	18	11	11	0	0	22	0	11	0	0	0.00	0.00	0.00	0.00	
MITCHELL, CHARLES THOMAS	0	0	15	(15)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
MITCHELL, CHARLOTTE C. LIVING TRUST	0	0	54	(54)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
MIZRAHIE, ET AL.	145	84	87	0	0	171	0	84	0	0	0.00	0.00	0.00	0.00	
MORRIS TRUST, JULIA V.	304	175	181	0	0	356	1	175	0	1	0.00	0.00	0.00	0.00	
MULLIGAN, ROBERT AND INEZ	35	21	21	0	0	42	13	21	0	13	0.00	0.00	0.00	0.00	
MURPHY, JEAN	24	14	15	(15)	(10)	4	4	0	0	4	0.00	0.00	0.00	0.00	
NEW SPRINGS LIMITED PARTNERSHIP	2,329	1,340	1,398	(1,398)	0	1,340	0	1,340	0	0	0.00	0.00	0.00	0.00	
NEWBERRY COMMUNITY SERVICES DISTRICT	23	14	14	0	0	28	25	3	0	25	0.00	0.00	0.00	0.00	
NEWBERRY CORPORATION	0	0	23	(23)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
O. F. D. L., INC.	109	63	0	0	97	160	160	0	0	63	0.00	0.00	0.00	0.00	
OLD GROVE PROPERTIES, LLC	24	14	15	0	0	29	12	14	0	12	0.00	0.00	0.00	0.00	
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	384	401	0	0	785	0	384	0	0	0.00	0.00	0.00	0.00	
PAK, EDWIN H.	0	0	30	(30)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
PATINO, JOSÉ	22	13	14	0	0	27	5	13	0	5	0.00	0.00	0.00	0.00	
PEARCE, CRAIG L.	150	87	90	0	0	177	6	87	0	6	0.00	0.00	0.00	0.00	
PERKO, BERT K.	132	76	80	0	0	156	37	76	0	37	0.00	0.00	0.00	0.00	
POLAND, JOHN R. AND KATHLEEN A.	92	53	0	0	0	53	65	0	12	53	0.00	5,376.00	0.00	5,376.00	
PORTER, TIMOTHY M.	30	18	18	0	0	36	0	18	0	0	0.00	0.00	0.00	0.00	
PRICE, DONALD AND RUTH	42	25	26	0	0	51	1	25	0	1	0.00	0.00	0.00	0.00	
PRUETT, ANDREA	36	21	22	0	0	43	0	21	0	0	0.00	0.00	0.00	0.00	
QUIGG AND COMPANY, INC.	81	47	49	0	0	96	0	47	0	0	0.00	0.00	0.00	0.00	
QUIROS, FRANCISCO J. AND HERMANN, RONALD	38	22	23	0	0	45	22	22	0	22	0.00	0.00	0.00	0.00	
REEVES, RICHARD	224	129	135	0	0	264	0	129	0	0	0.00	0.00	0.00	0.00	

AMENDED APPENDIX B FOR WATER YEAR 2013-14
RECONCILED FOR CARRYOVER TRANSFERS IN LIEU OF PAYMENT OF REPLACEMENT AND MAKEUP WATER ASSESSMENTS
AND ALL OTHER ERRATA

(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

BAJA SUBAREA

PRODUCER	2013-14 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2015 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2012-13 CARRYOVER ³	2013-14 FPA ⁴							WATER	WATER		
												\$448.00/AF	N/A		
RICE, HENRY C. AND DIANA	24	14	15	0	0	29	1	14	0	1	0.00	0.00	0.00	0.00	
RIEGER FAMILY TRUST, WALTER M.	62	36	38	0	0	74	1	36	0	1	0.00	0.00	0.00	0.00	
RIZVI, S.R ALI	27	16	17	0	0	33	0	16	0	0	0.00	0.00	0.00	0.00	
ROSSI, JAMES L. AND NAOMI I.	614	354	357	0	0	711	413	298	0	413	0.00	0.00	0.00	0.00	
S AND B BROTHERS, LLC	221	128	133	0	0	261	76	128	0	76	0.00	0.00	0.00	0.00	
SAMRA, JAGTAR S.	30	18	18	0	0	36	12	18	0	12	0.00	0.00	0.00	0.00	
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	168	97	101	0	0	198	44	97	0	44	0.00	0.00	0.00	0.00	
SECURITY PAVING COMPANY, INC.	0	0	0	0	30	30	15	0	0	0	0.00	0.00	0.00	0.00	
SERVICE ROCK PRODUCTS CORPORATION	0	0	0	0	0	0	2	0	2	0	0.00	896.00	0.00	896.00	
SHAW, ROBERT M. AND LORI A. SLATER-SHAW	43	25	26	0	0	51	13	25	0	13	0.00	0.00	0.00	0.00	
SHENG, JEN	33	19	20	0	0	39	3	19	0	3	0.00	0.00	0.00	0.00	
SHEPPARD, THOMAS AND GLORIA	217	125	131	0	0	256	18	125	0	18	0.00	0.00	0.00	0.00	
SHINTAKU, RICHARD AND CHERYL	0	0	15	(15)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SHORT, CHARLES AND MARGARET	54	32	33	0	0	65	15	32	0	15	0.00	0.00	0.00	0.00	
SHORT, JEROME E.	30	18	18	0	0	36	16	18	0	16	0.00	0.00	0.00	0.00	
SINGH, ET AL.	31	18	19	0	0	37	8	18	0	8	0.00	0.00	0.00	0.00	
SMITH, PORTER AND ANITA	25	15	15	0	0	30	0	15	0	0	0.00	0.00	0.00	0.00	
SMITH, WILLIAM E. AND PATRICIA A.	19	11	12	0	0	23	4	11	0	4	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA EDISON COMPANY	600	345	360	0	0	705	0	345	0	0	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA GAS COMPANY	98	57	59	0	0	116	28	57	0	28	0.00	0.00	0.00	0.00	
SPERRY, WESLEY	104	60	63	0	0	123	1	60	0	1	0.00	0.00	0.00	0.00	
ST. ANTONY COPTIC ORTHODOX MONASTERY	130	75	0	0	166	241	241	0	0	75	0.00	0.00	0.00	0.00	
STARKE, GEORGE A. AND JAYNE E.	23	14	14	0	0	28	0	14	0	0	0.00	0.00	0.00	0.00	
SUNDOWN LAKES, INC.	285	164	0	0	38	202	168	0	0	164	0.00	0.00	0.00	0.00	
SUNRAY ENERGY, INC.	63	37	17	130	0	184	179	5	0	179	0.00	0.00	0.00	0.00	
SZYNKOWSKI, RUTH J.	29	17	18	0	0	35	2	17	0	2	0.00	0.00	0.00	0.00	
TAPIE, RAYMOND L.	18	11	11	0	0	22	1	11	0	1	0.00	0.00	0.00	0.00	
TEISAN, JERRY	96	56	58	0	0	114	0	56	0	0	0.00	0.00	0.00	0.00	
THAYER, SHARON	97	56	59	0	0	115	31	56	0	31	0.00	0.00	0.00	0.00	
THOMAS, STEPHEN AND LORI	49	29	30	0	0	59	7	29	0	7	0.00	0.00	0.00	0.00	
TRIPLE H PARTNERSHIP	218	126	1	100	0	227	116	111	0	116	0.00	0.00	0.00	0.00	
TSUI, RICHARD	472	272	284	0	0	556	0	272	0	0	0.00	0.00	0.00	0.00	
TURNER, TERRY	30	18	18	0	0	36	1	18	0	1	0.00	0.00	0.00	0.00	
UNION PACIFIC RAILROAD COMPANY	249	144	150	0	0	294	67	144	0	67	0.00	0.00	0.00	0.00	
VACA, ANDY AND TERESITA S.	20	12	12	0	0	24	11	12	0	11	0.00	0.00	0.00	0.00	

AMENDED APPENDIX B FOR WATER YEAR 2013-14
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AND ALL OTHER ERRATA

(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

BAJA SUBAREA

PRODUCER	2013-14 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2015 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2012-13 CARRYOVER ³	2013-14 FPA ⁴							WATER	WATER	
												\$448.00/AF	N/A	
VAN BASTELAAR, ALPHONSE	78	45	0	0	41	86	86	0	0	45	0.00	0.00	0.00	0.00
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	5,430	3,123	3,258	372	0	6,753	3,445	3,123	0	3,445	0.00	0.00	0.00	0.00
VAN DAM RFT, DONALD DICK AND FRANCES L.	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
VAN LEEUWEN, JOHN	2,018	1,161	1,211	0	0	2,372	1,072	1,161	0	1,072	0.00	0.00	0.00	0.00
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,792	1,031	1,076	0	0	2,107	946	1,031	0	946	0.00	0.00	0.00	0.00
WANG, STEVEN	10	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
WARD, RAYMOND	105	61	52	(13)	0	100	57	43	0	57	0.00	0.00	0.00	0.00
WAZZAN, BOURHAN A. K.	0	0	14	(14)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
WEEMS, LIZZIE	53	31	32	0	0	63	8	31	0	8	0.00	0.00	0.00	0.00
WEERASINGHE, MAITHRI N.	15	9	9	0	0	18	1	9	0	1	0.00	0.00	0.00	0.00
WEIDKNECHT, ARTHUR J. AND PEGGY A.	16	10	10	0	0	20	0	10	0	0	0.00	0.00	0.00	0.00
WESTERN HERITAGE, INC.	854	492	513	0	0	1,005	0	492	0	0	0.00	0.00	0.00	0.00
WESTERN HORIZON ASSOCIATES, INC.	705	406	423	(240)	0	589	0	406	0	0	0.00	0.00	0.00	0.00
WET SET, INC.	129	75	0	0	52	127	127	0	0	75	0.00	0.00	0.00	0.00
WITTE, E. DANIEL AND MARCIA	27	16	17	0	0	33	6	16	0	6	0.00	0.00	0.00	0.00
WLSR, INC.	193	111	0	0	39	150	133	0	0	111	0.00	0.00	0.00	0.00
WORSEY, JOSEPH A. AND REVAE	29	17	18	0	0	35	1	17	0	1	0.00	0.00	0.00	0.00
YERMO WATER COMPANY	453	261	272	0	0	533	131	261	0	131	0.00	0.00	0.00	0.00
TOTAL	63,929	36,848	32,788	(1,890)	331	68,077	27,858	29,332	24	27,269	0.00	10,752.00	0.00	10,752.00

AMENDED APPENDIX B FOR WATER YEAR 2013-14
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(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

SUBAREA	2013-14 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2015 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2013-14 VERIFIED PRODUCTION ⁶	UNUSED ⁷ FPA	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER	MAKEUP WATER	TOTAL
				2012-13 CARRYOVER ³	2013-14 FPA ⁴									
ESTE	19,251	15,422	14,816	(244)	0	29,994	5,712	14,593	8	5,549	0.00	3,584.00	0.00	3,584.00
OESTE	6,857	5,489	3,325	0	0	8,814	3,421	3,914	0	3,421	0.00	0.00	0.00	0.00
ALTO	114,308	70,695	19,258	(12,146)	2,745	80,552	77,631	10,970	8,653	58,702	6.01	3,876,544.00	2,692.48	3,879,236.48
CENTRO	49,477	38,652	37,308	(346)	(2,775)	72,839	19,616	34,519	0	18,730	0.00	0.00	0.00	0.00
BAJA	63,929	36,848	32,788	(1,890)	331	68,077	27,858	29,332	24	27,269	0.00	10,752.00	0.00	10,752.00
GRAND TOTAL	253,822	167,106	107,495	(14,626)	301	260,276	134,238	93,328	8,685	113,671	6.01	3,890,880.00	2,692.48	3,893,572.48

NOTES FOR APPENDIX I

RECORDS SHOWN IN BOLD REPRESENT CHANGES FROM APPENDIX B FOR WATER YEAR 2013-14. NUMERIC VALUES SHOWN IN ITALICS REPRESENT TRANSFERS OF 2013-14 CARRYOVER IN LIEU OF PAYMENT OF MAKEUP AND/OR REPLACEMENT WATER ASSESSMENTS. MUNICIPAL AND INDUSTRIAL PRODUCERS IN ALTO WERE REQUIRED TO TRANSFER IN MORE ACRE-FEET THAN THEIR REPLACEMENT WATER OBLIGATION DUE TO THE DIFFERENTIAL RAMPDOWN.

APPLE VALLEY HIEGHTS COUNTY WATER DISTRICT, APPLE VALLEY RANCHOS WATER COMPANY, HESPERIA WATER DISTRICT, RANCERITOS MUTUAL WATER COMPANY AND VICTORVILLE WATER DISTRICT USED PRE-PURCHASED WATER TO OFFSET THEIR REPLACEMENT WATER OBLIGATIONS.

- 1 EQUAL TO 80% OF BASE ANNUAL PRODUCTION IN THE ESTE, OESTE AND CENTRO SUBAREAS AND FOR THE AGRICULTURAL PRODUCERS IN THE ALTO SUBAREA. EQUAL TO 60% OF BASE ANNUAL PRODUCTION FOR THE MUNICIPAL AND INDUSTRIAL PRODUCERS IN THE ALTO SUBAREA. EQUAL TO 57.5% OF BASE ANNUAL PRODUCTION IN THE BAJA SUBAREA.
- 2 UNUSED FPA FROM 2012-13 NET OF ANY TRANSFERS DURING 2012-13.
- 3 TRANSFERS OF 2012-13 UNUSED FPA FOR USE DURING 2013-14. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 4 TRANSFERS OF 2013-14 BASE FREE PRODUCTION ALLOWANCE. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 5 TOTAL FREE PRODUCTION ALLOWANCE FOR 2013-14 IS EQUAL TO THE SUM OF BASE FREE PRODUCTION ALLOWANCE, CARRYOVER AND TRANSFERS.
- 6 2013-14 VERIFIED PRODUCTION.
- 7 UNUSED FPA IS EQUAL TO THE TOTAL FPA MINUS TOTAL VERIFIED PRODUCTION, BUT NOT GREATER THAN THE SUM OF BASE FREE PRODUCTION ALLOWANCE AND 2013-14 FPA TRANSFERS.
- 8 WATER PRODUCTION IN EXCESS OF TOTAL FREE PRODUCTION ALLOWANCE.
- 9 PRODUCTION SUBJECT TO MAKEUP OBLIGATION IS EQUAL TO THE TOTAL VERIFIED PRODUCTION NOT TO EXCEED THE TOTAL FREE PRODUCTION ALLOWANCE.
- 10 PHELAN PIÑON HILLS CSD'S WELL #14 IS NOT INCLUDED IN THE TOTAL VERIFIED PRODUCTION. THE MATTER OF PUMPING FROM WELL #14, LOCATED IN LA COUNTY, IS STILL UNRESOLVED AND MAY AFFECT FUTURE OBLIGATIONS UNDER THE JUDGMENT.
- 11 CDFG - MOJAVE RIVER FISH HATCHERY IS EXEMPT FROM ASSESSMENTS PURSUANT TO THE PROVISIONS OF EXHIBIT F OF THE JUDGMENT AFTER TRIAL, DATED JANUARY 10, 1996.
- 12 APPELLANTS NOT SUBJECT TO THE JUDGMENT AFTER TRIAL PURSUANT TO SUPREME COURT DECISION DATED AUGUST 21, 2000. THE AGGREGATE BASE ANNUAL PRODUCTION OF THESE PARTIES WAS DETERMINED PRIOR TO TRIAL AND CONSISTS OF 291 ACRE-FEET IN THE ALTO SUBAREA AND 1,187 ACRE-FEET IN THE CENTRO SUBAREA. THE VERIFIED PRODUCTION WAS ESTIMATED BY WATERMASTER FOR 2013-14 AND CONSISTS OF 21 ACRE-FEET IN THE ALTO SUBAREA AND 870 ACRE-FEET IN THE CENTRO SUBAREA.
- 13 BASE ANNUAL PRODUCTION PREVIOUSLY INCLUDED 27 ACRE-FEET ATTRIBUTED TO A DOMESTIC WELL THAT IS JOINTLY OWNED BY LOUNSBURY AND A GROUP CALLED GRAMATA ET AL. THE DISPOSITION OF THE 27 ACRE-FEET IS UNRESOLVED. THE TOTAL PRODUCTION REPORTED HEREIN INCLUDES PRODUCTION FROM THE LOUNSBURY AGRICULTURAL WELL ONLY. THE CARRYOVER RIGHT REPORTED HEREIN IS BASED SOLELY ON THE BASE ANNUAL PRODUCTION ATTRIBUTED TO THE LOUNSBURY AGRICULTURAL WELL.
- 14 THE REPLACEMENT WATER OBLIGATION SHOWN INCLUDES MWA DELIVERIES THROUGH THE REGIONAL, RECHARGE AND RECOVERY (R-CUBED) SYSTEM. R-CUBED DELIVERIES FOR 2013-14 WATER YEAR INCLUDE 3,962 ACRE-FEET FOR VICTORVILLE WATER DISTRICT, ID#1 AND 1,888 ACRE-FEET FOR VICTORVILLE WATER DISTRICT ID#2.

APPENDIX J

MOJAVE BASIN AREA WATERMASTER

NOTICE LIST

APPENDIX J

MARCH 23, 2016

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
ABBOTT, CARRON	CARRON ABBOTT	BROMMER FAMILY TRUST	MARVIN AND CARROLL BROMMER
ABDUL, HARRY AND ANITA	JACKIE MCEVOY	BROWN, BOBBY G. AND VALERIA R.	BOBBY G. AND VALERIA R. BROWN
ABSHIRE, DAVID V.	JOHN MCCALLUM	BROWN, JENNIFER	JENNIFER BROWN
ADELANTO, CITY OF	THOMAS THORNTON	BROWN, RONALD A.	RONALD A. BROWN
ADES, JOHN AND DEVON	JOHN AND DEVON ADES	BROWN, SUE AND DOUG	SUE AND DOUG BROWN
AEROCHEM, INC.	KENT T. CHRISTENSON	BRUNEAU, KAREN	KAREN BRUNEAU
AGCON, INC.	LORI CLIFTON	BRYANT, IAN	IAN BRYANT
AHN REVOCABLE TRUST	SIMON AHN	BUDGET FINANCE COMPANY	NOAH FURIE
AHN, CHUN SOO AND WHA JA	CHUN SOO AHN	BUNNELL, DICK	DICK BUNNELL
AKE, CHARLES J. AND MARJORIE M.	CHARLES J. AND MARJORIE M. AKE	BUSH, KEVIN	KEVIN BUSH
AMERICAN STATES WATER COMPANY	ANA CHAVEZ	CALICO JUNCTION	HARVEY J. WALKER JR.
ANDERSON, ROSS C. AND BETTY J.	ROSS C. AND BETTY J. ANDERSON	CALICO LAKES HOMEOWNERS ASSOCIATION	LYNDSEY DYER
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	BRENDA BITONTI	CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRENDA D. ANDERSON
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	GAIL HUNTER	CALMAT COMPANY	ROBERT W. BOWCOCK
APPLE VALLEY RANCHOS WATER COMPANY	ERIC LARSEN	CAMANGA, TONY AND MARIETTA	TONY AND MARIETTA CAMANGA
APPLE VALLEY RANCHOS WATER COMPANY	ERIC LARSEN	CAMPBELL FAMILY TRUST	EUGENE CAMPBELL
APPLE VALLEY VIEW MUTUAL WATER COMPANY	EMELY AND JOE SALTMERIS	CAMPBELL, M. A. AND DIANNE	M. A. AND DIANNE CAMPBELL
APPLE VALLEY, TOWN OF	LANCE MILLER	CARLTON, SUSAN	SUSAN CARLTON
AQUA CAPITAL MANAGEMENT, LP	DAVID L. PENRICE	CASA COLINA FOUNDATION	KEVIN MANGOLD
ARCHIBEK, ERIC	ERIC ARCHIBEK	CDFW - CAMP CADY	ALISA ELLSWORTH
ARGUELLES, ALFREDO	ANGEL ARGUELLES	CDFW - MOJAVE NARROWS REGIONAL PARK	AJ GERBER
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	DEAN FORSHEE	CDFW - MOJAVE RIVER FISH HATCHERY	GREG WILLIAMS
AVILA, ANGEL AND EVALIA	ANGEL AND EVALIA AVILA	CEMEX, INC.	DARLENE BRAY
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	SHERÉ R. BAILEY	CENTER WATER COMPANY	HENRY GODWIN
BAR H MUTUAL WATER COMPANY	DANIEL SHAW	CF PROPERTIES, LLC	CARIN MCKAY
BARBER, JAMES B.	JAMES B. BARBER	CHAFAS, LARRY R. AND DELINDA C.	LARRY R. AND DELINDA C. CHAFAS
BAR-LEN MUTUAL WATER COMPANY	ALYSSA STEINHIBEL	CHAMISAL MUTUAL WATER COMPANY	MARY M ROSS
BARON, SUSAN AND PALMER, CURTIS	CURTIS PALMER	CHAPMAN UNIVERSITY	RICK TURNER
BARSTOW COMMUNITY DEVELOPERS, LLC	PAUL MORAD	CHEYENNE LAKE, INC.	CARL PUGH
BASS TRUST, NEWTON T.	BARBARA DAVISON	CHOI, YONG IL AND JOUNG AE	YONG IL AND JOUNG AE CHOI
BASTIANON REVOCABLE TRUST	REMO E. BASTIANON	CHRISTISON, JOEL	JOEL CHRISTISON
BEEBE, ROBERT W. AND DOROTHY K.	ROBERT W. AND DOROTHY K. BEEBE	CLARK, ARTHUR	ARTHUR CLARK
BEINSCHROTH FAMILY TRUST	MIKE BEINSCHROTH	CLINE, VIVIAN D.	LEONARD CLINE
BEINSCHROTH, A. J.	A. J. BEINSCHROTH	CLUB VIEW PARTNERS	MANOUCHER SARBAZ
BELL, CHUCK	CHUCK BELL	CONNER, WILLIAM H.	WILLIAM H. CONNER
BENDER TRUST, DOLORES M.	DOLORES M. BENDER	CONTRATTO, ERSULA	ERSULA CONTRATTO
BEST, BYRON L.	BYRON L. BEST	CORBRIDGE, LINDA S.	GEORGE STARKE
BORGOGNO REVOCABLE LIVING TRUST	STEVE BORGOGNO	CRANDALL, ESTHER	ESTHER CRANDALL
BORJA, LEONIL T. AND TITAL L.	LEONIL T. AND TITAL L. BORJA	CROCKER, BRIAN J.	BRIAN J. CROCKER
BOWMAN, EDWIN L.	EDWIN L. BOWMAN	CROSS, FRANCIS AND BEVERLY	FRANCIS AND BEVERLY CROSS
BRACHT, WILLIAM F. AND ALEXANDER, ALICIA M.	ALICIA ALEXANDER	CROSS, SHARON I.	SHARON I. CROSS
BREDELIS, RONALD C. AND JEAN	RONALD C. AND JEAN BREDELIS	CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	ALESSIA MORRIS

APPENDIX J

MARCH 23, 2016

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
CUNNINGHAM, JERRY	JERRY CUNNINGHAM	GAYJIKIAN, SAMUEL AND HAZEL	BRENT PETERSON
DAGGETT COMMUNITY SERVICES DISTRICT	BERYL BELL	GENON ENERGY, INC.	STEVE SWIFT
DAGGETT RANCH, LLC	STEVE AND DANA RIVETT	GOLDEN STATE WATER COMPANY	NEREIDA GONZALEZ
DAHLQUIST, GEORGE R.	GEORGE R. DAHLQUIST	GORDON ACRES WATER COMPANY	DENISE JOHNSON
DARR, JAMES S.	JAMES S. DARR	GRAY, GEORGE F. AND BETTY E.	GEORGE F. AND BETTY E. GRAY
DE JONG FAMILY TRUST	ALAN L. DE JONG	GREEN ACRES ESTATES	ELIZABETH KEITH
DE VRIES, NEIL AND MARY FAMILY TRUST	NEIL DE VRIES	GRILL, NICHOLAS P. AND MILLIE D.	NICHOLAS P. AND MILLIE D. GRILL
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	RANDY WAGNER	GUBLER, HANS	HANS GUBLER
DESERT DAWN MUTUAL WATER COMPANY	MARIE MCDANIEL	GULBRANSON, MERLIN	TAMARA J SKOGLUND
DESERT SPRINGS MUTUAL WATER COMPANY	DENISE COURTNEY	GUTIERREZ, JOSE AND GLORIA	JOSE AND GLORIA GUTIERREZ
DJC CORPORATION	MAGDALENA JONES	HAAS, BRYAN C. AND HINKLE, MARY H.	BRYAN C. HAAS AND MARY H. HINKLE
DOCIMO LIVING TRUST, ALLEN LEE	ALLEN LEE DOCIMO	HAAS, BRYAN C. AND HINKLE, MARY H.	BRYAN C. HAAS AND MARY H. HINKLE
DOLCH, ROBERT AND JUDY	ROBERT AND JUDY DOLCH	HACKBARTH, EDWARD E.	EDWARD E. HACKBARTH
DONALDSON, JERRY AND BEVERLY	JERRY AND BEVERLY DONALDSON	HALANNA EQUITIES III	ALEXANDRA LIOANAG
DORA LAND, INC.	JEFFERY LIDMAN	HAL-DOR LTD.	MAGDALENA JONES
DORRANCE, DAVID W. AND TAMELA L.	DAVID DORRANCE	HAMILTON FAMILY TRUST	DOUG AND CHERYL HAMILTON
DOSSEY, D. A.	D. A. DOSSEY	HANDRINOS, NICOLE A.	WILLIAM HANDRINOS
DOWELL, LEONARD	LEONARD DOWELL	HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	DONALD F. HANIFY
D'SILVA, MELANIE	MELANIE D'SILVA	HANSON AGGREGATES WRP, INC.	MATT WOOD
ELISABELLA, LLC	ERNESTO ERIC ENRIQUEZ	HARESON, NICHOLAS AND MARY	MARY JANE HARESON
EVENSON, EDWIN H. AND JOYCELAINE C.	EDWIN H. AND JOYCELAINE C. EVENSON	HARMSEN FAMILY TRUST	RUTH ANN HARMSEN
EYGNOR, ROBERT E. AND PATSY C.	ROBERT E. AND PATSY C. EYGNOR	HARPER LAKE COMPANY VIII	GLEN KING
FAWCETT, EDWARD C.	EDWARD C. FAWCETT	HARTER, JOE AND SUE	JOE AND SUE HARTER
FEDERAL BUREAU OF PRISONS, VICTORVILLE	BRETT JURGENSEN	HARVEY, LISA M.	LISA M. HARVEY
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE	HEATHER M STERN	HASS, PAULINE L.	PAULINE L. HASS
FEJFAR, MONICA KAY	MONICA KAY FEJFAR	HELENDALE COMMUNITY SERVICES DISTRICT	CRAIG CARLSON
FERNANDEZ, ARTURO	ARTURO FERNANDEZ	HELENDALE COMMUNITY SERVICES DISTRICT	KIMBERLY COX
FERRO, DENNIS AND NORMA	DENNIS AND NORMA FERRO	HELENDALE SCHOOL DISTRICT	DEANNA DIBBLE
FIRST CPA LLC	ALEX AND JERRICA LIU	HENDERSON, MICHAEL	MICHAEL HENDERSON
FISCHER REVOCABLE LIVING TRUST	CARL FISCHER	HENDERSON, MICHAEL - INDUSTRIAL	MICHAEL HENDERSON
FISHER TRUST, JEROME R.	JEROME FISHER	HENDLEY, RICK AND BARBARA	JIM MARTIN
FRATES, D. COLE	D. COLE FRATES	HENSLEY, MARK P.	MARK P. HENSLEY
FRAZIER, ET AL.	MARTIN FRAZIER	HERT, SCOTT	SCOTT HERT
FRIEND, JOSEPH AND DEBORAH	JOSEPH AND DEBORAH FRIEND	HESPERIA - GOLF COURSE, CITY OF	JEREMY MCDONALD
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	MARK ASAY	HESPERIA VENTURE I, LLC	D. CRAIG MARTIN
GABRYCH, EUGENE	EUGENE GABRYCH	HESPERIA WATER DISTRICT	JEREMY MCDONALD
GABRYCH, EUGENE	MITCH HAMMACK	HESPERIA, CITY OF	JEREMY MCDONALD
GAETA, MIGUEL AND MARIA	MIGUEL AND MARIA GAETA	HETTINGA, HEIN AND ELLEN	PATRICIA MOHR
GAETA, TRINIDAD	JAY STORER	HI DESERT MUTUAL WATER COMPANY	ED KNAUFF
GAINES FAMILY TRUST, JACK AND MARY	BRUCE GAINES	HIETT, HARRY L.	HARRY L. HIETT
GARCIA, DANIEL	DANIEL GARCIA	HIGH DESERT ASSOCIATES, INC.	ROBERT W. BOWCOCK
GARG, OM P.	OM P. GARG	HI-GRADE MATERIALS COMPANY	LORI CLIFTON

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MARCH 23, 2016

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
HI-GRADE MATERIALS COMPANY	LORI CLIFTON	KENWOOD MANAGEMENT, LLC	KENNETH CHONG
HILARIDES 1998 REVOCABLE FAMILY TRUST	FRANK HILARIDES	KIEL, MARY	CHRISTOPHER KIEL
HILL FAMILY TRUST AND HILL'S RANCH, INC.	SYLVIA PILE	KIM, JIN S. AND HYUN H.	JIN S. AND HYUN H. KIM
HITCHIN LUCERNE, INC.	MARY THOMAS	KIM, JOON HO AND MAL BOON REVOCABLE TRUST	ALAN AND ANNETTE DE JONG
HO, TING-SENG AND AH-GIT	TING-SENG AND AH-GIT HO	KIM, JU SANG	JU SANG KIM
HOLLISTER, ROBERT H. AND RUTH M.	JOAN ROHRER	KIM, SEON JA	SEON JA KIM
HOLWAY JEFFREY R AND PATRICIA GAGE	JEFFREY R HOLWAY AND PATRICIA GAGE	KOEGLER, RONALD R. AND CAROLYN V.	RONALD R. AND CAROLYN V. KOEGLER
HOLWAY, JEFFREY R	JEFFREY R HOLWAY	KOERING, RICHARD AND KOERING, DONNA	RICHARD KOERING AND DONNA
HONG, PAUL B. AND MAY	PAUL HONG	KOROGHLIAN, TED AND NAJWA	TED AND NAJWA KOROGHLIAN
HOOD FAMILY TRUST	SANDRA D. HOOD	KOSHAREK, JOHN AND JOANN	JOHN AND JOANN KOSHAREK
HORTON, JOHN	JOHN HORTON	LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	LEO HAVENER
HORTON'S CHILDREN'S TRUST	JOHN HORTON	LAKE JODIE PROPERTY OWNERS ASSOCIATION	JEAN MURPHY
HOWARD, ET AL.	NORMAN A. HOWARD	LAKE WAIKIKI	NANCY LAN
HUBBARD, ESTER AND MIZUNO, ARLEAN	ESTER HUBBARD	LAKE WAINANI OWNERS ASSOCIATION	RON BASBAS
HUERTA, HECTOR	JOHN DRISCOLL	LAM, PHILLIP	PHILLIP LAM
HUNT, CONNIE	CONNIE HUNT	LANGLEY, JAMES	JAMES LANGLEY
HUNT, RALPH M. AND LILLIAN F.	RALPH M. AND LILLIAN F. HUNT	LANGLEY, JAMES - INDUSTRIAL	JAMES LANGLEY
HUTCHISON TRUST, WILLIAM O.	WILLIAM O. HUTCHISON	LANGLEY, MICHAEL R. AND SHARON	MICHAEL R. AND SHARON LANGLEY
HYATT, JAMES AND BRENDA	JAMES AND BRENDA HYATT	LAVANH, ET AL.	VANESSA LAOSY
IM, NICHOLAS NAK-KYUN	STEVE KIM	LAWRENCE, WILLIAM W.	ROBERT LAWRENCE JR.
IRVIN, BERTRAND W.	BERTRAND W. IRVIN	LAWSON, ERNEST AND BARBARA	ERNEST AND BARBARA LAWSON
ITALMOOD INC., ET. AL.	SEBASTIAN MARZARO	LEE, DOO HWAN	DOO HWAN LEE
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	JAMES JACKSON JR.	LEE, ET AL., SEPOONG AND WOO POONG	SEPOONG & WOO POONG LEE
JACKSON, RAY	SHERRI L. KASTILAHN	LEE, VIN JANG T.	ERIC ARCHIBEK
JAMBOREE HOUSING CORPORATION	LINDA RAINER	LEM, HOY	VIRGINIA JANOVSKY
JESS RANCH WATER COMPANY	GARY A. LEDFORD	LENHERT, RONALD AND TONI	RONALD AND TONI LENHERT
JOHNSON, CARLEAN	CARLEAN JOHNSON	LHC ALLIGATOR, LLC	JOHN M. GOODMAN
JOHNSON, JAMES R. AND ELLEN	JAMES R. AND ELLEN JOHNSON	LIANG, YUAN - I AND TZU - MEI CHEN	BILLY LIANG
JOHNSON, RONALD	RONALD JOHNSON	LIN, KUAN JUNG AND CHUNG, DER-BING	JAMES LIN
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	LAWRENCE W. JOHNSTON	LO, ET AL.	MEI LI
JONES, JOETTE	JOETTE JONES	LOPEZ, BALTAZAR	PATRICIA MIRANDA
JORDAN FAMILY TRUST	RAYMOND JORDAN	LOUNSBURY, J. PETER AND CAROLYN	J. PETER AND CAROLYN LOUNSBURY
JUBILEE MUTUAL WATER COMPANY	RAY GAGNE	LOW, DEAN	DEAN LOW
JUNIPER RIVIERA COUNTY WATER DISTRICT	DENISE JOHNSON	LUA, MICHAEL T. AND DONNA S.	MICHAEL T. AND DONNA S. LUA
KANESAKA, KENJI AND YUKARI	KENJI AND YUKARI KANESAKA	LUCERNE VALLEY MUTUAL WATER COMPANY	GWEN L. BEDICS
KARIMI, HOOSHANG	ASH KARIMI	LUCERNE VALLEY PARTNERS	MANOUCHER SARBAZ
KASNER FAMILY LIMITED PARTNERSHIP	ROBERT R. KASNER	LUCERNE VISTA MUTUAL WATER COMPANY	ANDREA ARY
KASNER FAMILY LIMITED PARTNERSHIP	ROBERT R. KASNER	LUCKEY, MANLEY J.	MANLEY J. LUCKEY
KASNER, ROBERT	ROBERT KASNER	M BIRD CONSTRUCTION	EUGENE R. & VICKIE R. BIRD
KATCHER, AUGUST M. AND MARCELINE	AUGUST M. AND MARCELINE KATCHER	M.B. LANDSCAPING AND NURSERY, INC.	MARIA MARTINEZ
KEMP, ROBERT AND ROSE	ROBERT AND ROSE KEMP	MAHJOUBI, AFSAR S.	ROBERT SAIDI
KEMPER CAMPBELL RANCH	PEGGY SHAUGHNESSY	MALONEY, JANICE	JANICE MALONEY

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**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
MANNING, SHARON S.	JIMMY BERRY	PETTIGREW, DAN	DAN PETTIGREW
MARCROFT, JAMES A. AND JOAN	ALLEN MARCROFT	PETTIGREW, JAMES AND CHERLYN	JAMES PETTIGREW
MARIANA RANCHOS COUNTY WATER DISTRICT	JAMES M. HANSEN, JR.	PHAM, ET AL.	QUANG PHAM
MARSHALL, CHARLES	CHARLES MARSHALL	PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	DON BARTZ
MARTIN, MICHAEL D. AND ARLENE D.	MICHAEL D. AND ARLENE D. MARTIN	PITTMAN, LEROY W.	DIANA PITTMAN
MCCOLLUM, CHARLES L.	ROD SEXTON	POLAND, JOHN R. AND KATHLEEN A.	KATHY GILLMORE
MCINNIS, WILLIAM S.	WILLIAM S. MCINNIS	POLICH, LEE AND DONNA	LEE AND DONNA POLICH
MCKINNEY, PAULA	PAULA MCKINNEY	PORTER, TIMOTHY M.	TIMOTHY M. PORTER
MEAD FAMILY TRUST	OLIVIA L. MEAD	PRICE, DONALD AND RUTH	DONALD AND RUTH PRICE
MILBRAT, IRVING H.	DAVID I. MILBRAT	PRUETT, ANDREA	ANDREA PRUETT
MILLER LIVING TRUST	DONNA MILLER	QUIGG AND COMPANY, INC.	JAMES QUIGG
MITSUBISHI CEMENT CORPORATION	DAVID RIB	QUIROS, FRANCISCO J. AND HERMANN, RONALD	FRANCISCO J. QUIROS
MIZRAHIE, ET AL.	PHILIP MIZRAHIE	RANCHERITOS MUTUAL WATER COMPANY	ELIZABETH MURENA
MLH, LLC	THOMAS A. HRUBIK	REED, MIKE	MIKE REED
MOJAVE SOLAR, LLC	KRISTI ROSSMAN	REEVES, RICHARD	RICHARD REEVES
MONACO INVESTMENT COMPANY	MANOUCHER SARBAZ	RICE, HENRY C. AND DIANA	HENRY C. AND DIANA RICE
MORRIS TRUST, JULIA V.	BILLIE ELLIOT	RIM PROPERTIES, A GENERAL PARTNERSHIP	IAN BRYANT
MOSS, LAWRENCE W. AND HELEN J.	LAWRENCE W. AND HELEN J. MOSS	RIOS, MARIANO V.	MARIANO V. RIOS
MOST FAMILY TRUST	JENNIE MOST	RIVERO, FIDEL V.	FIDEL V. RIVERO
MULLIGAN, ROBERT AND INEZ	DENNIS HILLS	RIVERSIDE CEMENT COMPANY - AGRICULTURE	BOBBI MEIKEL
MURPHY, JEAN	JEAN MURPHY	RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT	BOBBI MEIKEL
NAVAJO MUTUAL WATER COMPANY	JAMES HANSEN	RIZVI, S.R ALI	S.R ALI RIZVI
NEW SPRINGS LIMITED PARTNERSHIP	BILLY LIANG	ROBERTSON'S READY MIX	JACKIE MCEVOY
NEWBERRY COMMUNITY SERVICES DISTRICT	LE HAYES	ROSS, CARL E. LIVING TRUST	STEVE PREGMAN
NORRIS TRUST, MARY ANN	MARY ANN NORRIS	ROSSI, JAMES L. AND NAOMI I.	MITCH HAMMACK
NUÑEZ, LUIS SEGUNDO	LUIS SEGUNDO NUÑEZ	ROYAL WAY	JOHN D. ZEMANEK
NUNN, DONALD AND PEARL	DONALD AND PEARL NUNN	RUE RANCH	SAM MARICH
NURSERY PRODUCTS LLC	CHRIS SENEY	RUISCH TRUST, DALE W. AND NELLIE H.	DALE W. RUISCH
O. F. D. L., INC.	JEFF GAASTRA	S AND B BROTHERS, LLC	SHERWIN SHORAKA
ODESSA WATER DISTRICT	JENNIFER RILEY	SABA, SABA A. AND SHIRLEY L.	SABA A. AND SHIRLEY L. SABA
OHAI, REYNOLDS AND DOROTHY	REYNOLDS AND DOROTHY OHAI	SAMRA, JAGTAR S.	JAGTAR S. SAMRA
OLD GROVE PROPERTIES, LLC	ROBERTO MUNOZ	SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	TINA ABARCA
OMYA CALIFORNIA, INC.	LUIS A PACHECO	SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTER	REBECCA WYNN
ORO GRANDE SCHOOL DISTRICT	NICK HIGGS	SAN BERNARDINO COUNTY SERVICE AREA 29	REESE TROUBLEFIELD
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	M. T. SHORAKA	SAN BERNARDINO COUNTY SERVICE AREA 42	REBECCA WYNN
PACIFIC GAS AND ELECTRIC COMPANY	DAVID A. GUERTIN	SAN BERNARDINO COUNTY SERVICE AREA 64	REBECCA WYNN
PAK, KAE SOO AND MYONG HUI KANG	KAE SOO AND MYONG HUI KANG PAK	SAN BERNARDINO COUNTY SERVICE AREA 70J	REBECCA WYNN
PATINO, JOSÉ	JOSÉ PATINO	SAPP, ROBERT D. AND LEE, TERESA J.	ROBERT AND TERESA SAPP
PEARCE, CRAIG L.	CRAIG L. PEARCE	SCRAY, MICHELLE A. TRUST	MICHELLE SCRAY
PEARSON, DERYL B.	DERYL B. PEARSON	SEALS, WILLIAM AND TIBBETT, VICKI SEALS	VICKI SEALS TIBBETT
PERKO, BERT K.	BERT K. PERKO	SECURITY PAVING COMPANY, INC.	ALBERT MATTIVI
PERRY REVOCABLE LIVING TRUST, THOMAS AND PATRICIA	THOMAS PERRY	SERVICE ROCK PRODUCTS CORPORATION	JACKIE MCEVOY

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MARCH 23, 2016

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
SEXTON, RODNEY A. AND SEXTON, DEREK R.	ROD SEXTON	TROEGER FAMILY TRUST, RICHARD H.	MIKE TROEGER
SHAW, ROBERT M. AND LORI A. SLATER-SHAW	ROBERT M. SHAW	TSUI, RICHARD	RICHARD TSUI
SHENG, JEN	JEN SHENG	TURNER, TERRY	TERRY TURNER
SHEPPARD, THOMAS AND GLORIA	THOMAS AND GLORIA SHEPPARD	UNION PACIFIC RAILROAD COMPANY	PETE OWEN
SHORT, CHARLES AND MARGARET	RON SHORT	VACA, ANDY AND TERESITA S.	ANDY AND TERESITA S. VACA
SHORT, JEROME E.	JEROME E. SHORT	VALENTI, VITO	VITO VALENTI
SILVER LAKES ASSOCIATION	JERRY BOMGAARS	VAN BASTELAAR, ALPHONSE	DEAN VAN BASTELAAR
SINGH, ET AL.	NEPAL SINGH	VAN DAM FAMILY TRUST, GLEN AND JENNIFER	GLEN AND JENNIFER VAN DAM
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC		VAN DAM REVOCABLE TRUST, E AND S	ELBERT AND SUSAN VAN DAM
SMITH, PORTER AND ANITA	PORTER AND ANITA SMITH	VAN LEEUWEN, JOHN	JOHN VAN LEEUWEN
SMITH, ROBERT A.	ROBERT A. SMITH	VANDER DUSSEN TRUST, AGNES AND EDWARD	AGNES VANDER DUSSEN
SMITH, WILLIAM E. AND PATRICIA A.	WILLIAM E. AND PATRICIA A. SMITH	VANHOOPS HOLDINGS, LP	TRACI HOOPS
SON'S RANCH	CHAN KYUN SON	VERNOLA TRUST, PAT AND MARY ANN	JOHN DRISCOLL
SOPPELAND, WAYNE	JASON LAMOREAUX	VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	STEVEN GARCIA
SOUTHERN CALIFORNIA EDISON COMPANY	ERIKA CLEMENT	VICTOR VALLEY MEMORIAL PARK	TIMOTHY M. KURTZ
SOUTHERN CALIFORNIA GAS COMPANY	SCOTT BREWER	VICTORVILLE WATER DISTRICT, ID#1	STEVE ASHTON
SPECIALTY MINERALS, INC.	LARRY ASHBY	VICTORVILLE WATER DISTRICT, ID#2	STEVE ASHTON
SPERRY, WESLEY	WESLEY SPERRY	VIROSTECK, STEVE AND JULIE	STEVE AND JULIE VIROSTECK
SPILLMAN, JAMES R. AND NANCY J.	JAMES R. AND NANCY J. SPILLMAN	VOGLER, ALBERT H. AND RITA K.	ALBERT H. VOGLER
SPRING VALLEY LAKE ASSOCIATION	DENNIS TEECE	WAGNER FAMILY TRUST	JOAN WAGNER
SPRING VALLEY LAKE COUNTRY CLUB	MITCHELL BROWN	WAKULA, JOHN AND HELEN	JOHN AND HELEN WAKULA
ST. ANTONY COPTIC ORTHODOX MONASTERY	FATHER JOSEPH	WANG, STEVEN	STEVEN WANG
STARKE, GEORGE A. AND JAYNE E.	GEORGE A. AND JAYNE E. STARKE	WARD, KEN AND BARBARA	KEN WARD
STORM, RANDALL	RANDALL STORM	WARD, RAYMOND	RAYMOND WARD
SUDMEIER, GLENN W.	GLENN W. SUDMEIER	WEEMS, LIZZIE	LIZZIE WEEMS
SUMMIT VALLEY RANCH, LLC	MARK G. EAGLETON	WEERAISSINGHE, MAITHRI N.	MAITHRI N. WEERAISSINGHE
SUNDOWN LAKES, INC.	RICK MAYER	WEISER, ET AL.	ALEXANDER WEISER
SUNRAY ENERGY, INC.	NATHAN WITTE	WERNER, ANDREW J.	ANDREW J. WERNER
SZYNKOWSKI, RUTH J.	RUSSELL SZYNKOWSKI	WEST END MUTUAL WATER COMPANY	PATTI SHERMAN
TALLAKSON, WILLIAM V. AND ELIZABETH A.	WILLIAM V. AND ELIZABETH A.	WEST, HOWARD AND SUZY	HOWARD AND SUZY WEST
TAPIE, RAYMOND L.	RAYMOND L. TAPIE	WEST, JIMMIE E.	JIMMIE E. WEST
TEISAN, JERRY	JERRY TEISAN	WESTERN DEVELOPMENT AND STORAGE, LLC	ANDREW WERNER
THAYER, SHARON	SHARON THAYER	WESTERN HERITAGE, INC.	ELIZABETH LARA
THE CUSHENBURY TRUST, C/O SPECIALTY MINERALS, INC.	LARRY J. ASHBY	WESTERN HORIZON ASSOCIATES, INC.	CHUNG CHO GONG
THOMAS, STEPHEN AND LORI	STEPHEN THOMAS	WESTERN WATER COMPANY	WILMA SILVERIA
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	LYNNETTE L. THOMPSON	WESTLAND INDUSTRIES, INC.	ROBERTO RIVERA
THOMPSON LIVING TRUST, R.L. AND R.A.	RODGER THOMPSON	WET SET, INC.	THOMAS G. FERRUZZO
THORESON, ROBERT F. AND KATHLEEN	ROBERT THORESON	WIENER, MELVIN AND MARIAM S.	MELVIN AND MARIAM S. WIENER
THRASHER, GARY	GARY THRASHER	WILSHIRE ROAD PARTNERS	MANOUCHER SARBAZ
THUNDERBIRD COUNTY WATER DISTRICT	ROY SHULL	WITHEY, CONNIE	CONNIE WITHEY
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA		WITTE, E. DANIEL AND MARCIA	E. DANIEL AND MARCIA WITTE
TRIPLE H PARTNERSHIP	JIM HOOVER	WLSR, INC.	GARY ADAMS

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MARCH 23, 2016

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER

WOOD, MICHAEL AND DENISE
WORSEY, JOSEPH A. AND REVAE
WYATT FAMILY TRUST

DESIGNEE

MICHAEL AND DENISE WOOD
DAVID A. WORSEY
DEBBY WYATT

OWNER

DESIGNEE

APPENDIX K

PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT

2014-15 WATER YEAR

APPENDIX K

MARCH 23, 2016

**PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT
WATER YEAR 2014-15
(ALL AMOUNTS IN ACRE-FEET)**

SUBAREA	TRANSFEROR	TRANSACTION						STATUS OF RIGHTS AFTER PERMANENT TRANSFER			
		VERIFIED BASE ANNUAL PRODUCTION	CURRENT BASE ANNUAL PRODUCTION RIGHT (PERCENT)	DATE PROCESSED BY WATERMASTER	TYPE OF TRANSACTION	TRANSFER AMOUNT	TRANSFeree	TRANSFeree		TRANSFEROR	
								VERIFIED BASE ANNUAL PRODUCTION	BASE ANNUAL PRODUCTION RIGHT (PERCENT)	VERIFIED BASE ANNUAL PRODUCTION	BASE ANNUAL PRODUCTION RIGHT (PERCENT)
ALTO	ROSS, CARL E. LIVING TRUST	824	0.7078	09/24/2014	SALE	814	HELENDALE COMMUNITY SERVICES DISTRICT	3,692	3.1715	10	0.0086
ALTO	BEINSCHROTH FAMILY TRUST	729	0.6262	10/22/2014	SALE	9	BRYANT, IAN	9	0.0077	720	0.6185
BAJA	CLINE, VIVIAN D.	36	0.0544	02/25/2015	SALE	20	LAKE WAINANI OWNERS ASSOCIATION	435	0.6575	16	0.0242
ALTO	PERRY REVOCABLE LIVING TRUST, THOMAS AND PATRICIA	5	0.0043	02/25/2015	SALE	5	HELENDALE COMMUNITY SERVICES DISTRICT	3,697	3.1758	0	0.0000
BAJA	WEIDKNECHT, ARTHUR J. AND PEGGY A.	16	0.0242	02/25/2015	SALE	16	DE JONG FAMILY TRUST	3,069	4.6390	0	0.0000
BAJA	RIEGER FAMILY TRUST, WALTER M.	62	0.0937	03/25/2015	SALE	62	DE JONG FAMILY TRUST	3,131	4.7327	0	0.0000
BAJA	AQUA CAPITAL MANAGEMENT, LP	916	1.3846	05/27/2015	SALE	916	CALICO LAKES HOMEOWNERS ASSOCIATION	1,293	1.9544	0	0.0000
ALTO	AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL	685	0.5884	05/27/2015	SALE	500	HESPERIA, CITY OF	6,736	5.7863	185	0.1589
ALTO	BEINSCHROTH FAMILY TRUST	720	0.6185	05/27/2015	SALE	20	PAUSTELL, JOAN BEINSCROTH	20	0.0172	700	0.6013
ALTO	PAUSTELL, JOAN BEINSCROTH	20	0.0172	05/27/2015	SALE	20	BRYANT, IAN	29	0.0249	0	0.0000
OESTE	AQUA CAPITAL MANAGEMENT, LP	929	13.0937	07/22/2015	SALE	929	PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	4,680	65.9619	0	0.0000
BAJA	BENDER TRUST, DOLORES M.	60	0.0907	07/22/2015	SALE	60	WET SET, INC.	189	0.2857	0	0.0000
ALTO	HARRISON, CONNIE AND HAROLD	5	0.0043	07/22/2015	SALE	5	HELENDALE COMMUNITY SERVICES DISTRICT	3,702	3.1801	0	0.0000
ALTO	JOHNSON, CARLEAN	28	0.0241	07/22/2015	SALE	5	HELENDALE COMMUNITY SERVICES DISTRICT	3,707	3.1844	23	0.0198
ALTO	ABBOTT FAMILY TRUST	144	0.1237	09/23/2015	SALE	12	ABBOTT, CARRON	12	0.0103	132	0.1134
ALTO	ABBOTT FAMILY TRUST	132	0.1134	09/23/2015	SALE	33	CUNNINGHAM, JERRY	33	0.0283	99	0.0850
ALTO	ABBOTT FAMILY TRUST	99	0.0850	09/23/2015	SALE	66	HUNT, CONNIE	66	0.0567	33	0.0283
ALTO	ABBOTT FAMILY TRUST	33	0.0283	09/23/2015	SALE	33	MCKINNEY, PAULA	33	0.0283	0	0.0000
BAJA	BEDINGFIELD, LYNDELL AND CHARLENE	56	0.0846	09/23/2015	SALE	56	MCDONNELL, JEFFREY P. AND MICHAEL F.	56	0.0846	0	0.0000
BAJA	MCDONNELL, JEFFREY P. AND MICHAEL F.	56	0.0846	09/23/2015	SALE	56	O. F. D. L., INC.	165	0.2494	0	0.0000
BAJA	YERMO WATER COMPANY	453	0.6847	09/23/2015	SALE	453	APPLE VALLEY RANCHOS WATER COMPANY	453	0.6847	0	0.0000