

# 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, 2017

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

**RE: Watermaster Annual Report for Water Year 2015-16**

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-third Annual Report of the Mojave Basin Area Watermaster, dated May 1, 2017, setting forth the activities and determinations of the Watermaster for Water Year 2015-16.

Respectfully submitted,

MOJAVE BASIN AREA WATERMASTER

By: *V. Wiegstein*  
Valerie L. Wiegstein  
Watermaster Services Manager

WATERMASTER:  
Michael L. Page, Chairman  
Kimberly Cox, Vice Chairman  
Carl Coleman  
Richard D. Hall  
Beverly J. Lowry  
Doug Shumway  
Jim Ventura

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Kirby Brill, Executive Officer  
Joanne James, Secretary  
Kathy Cortner, Treasurer  
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Robert C. Wagner, Engineer

**TWENTY-THIRD ANNUAL REPORT**

**OF THE**

**MOJAVE BASIN AREA WATERMASTER**

**WATER YEAR 2015-16**

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

**MAY 1, 2017**

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MOJAVE BASIN AREA WATERMASTER  
FOR WATER YEAR 2015-16**

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## **CHAPTER 1**

### **INTRODUCTION**

This is the Twenty-third 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 2015-16. Appendix L to this report consists of a detailed accounting of surface water and groundwater production for Water Year 2015-16. 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 2017-18: Chapter 6
- j. Transfers of Base Annual Production Rights: Appendix E, K & L (Table 8)

- k. Transfers of Free Production Allowance during 2015-16: 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 2017-18: Chapter 6
- q. Projected Replacement and Makeup Water Assessment Rates for 2016-17 and 2017-18: 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 2015-16, the Mojave Basin Area Watermaster consisted of Carl Coleman, Kimberly Cox, Richard Hall, Beverly J. Lowry, Mike Page, Doug Shumway and Jim Ventura. Mike Page and Kimberly Cox 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 2015-16 Water Year was held on October 28, 2015 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-second Annual Report of the Mojave Basin Area Watermaster for Water Year 2014-15, which was published under the date May 1, 2016.

Watermaster adopted recommendations for FPA for Water Year 2016-17 as indicated in Watermaster's Twenty-second 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 2014-15, approval of the Administrative Budget for Water Year 2016-17, approval of Replacement, Makeup, Administrative and Biological Assessment Rates for Water Year 2016-17. The Administrative Budget and Assessment Rates for 2016-17 were adopted and are summarized on Table 2-1.

### **Transfers**

There were 219 transfers of FPA and Carryover FPA during the year. These transfers are reported in Appendix E. There were 28 transfers of BAP. Transfers of BAP are reported in Appendix E, K & L (Table 8). Any additional transfers of unused 2015-16 FPA that may take place prior to June 1, 2017 will be reported in Appendix E of the Watermaster's Annual Report for 2016-17.

### **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 2015-16 increased to \$0.87 per acre-foot. Expenditures from the Biological Resources Trust Fund during the year for DFW projects totaled \$44,113.00. The Biological Resources Assessment Rate for 2016-17 was increased to \$0.88 per acre-foot.

### **Storage Agreements**

A Storage Agreement between Watermaster and MWA covering each Subarea was approved during the 1994-95 Water Year. In September 2016 an amendment and a 20 year extension were approved by Watermaster, per the terms of the agreement.

Watermaster entered into a storage agreement with Victorville Water District (formerly VVWD) on June 1, 2002. Per the terms of the agreement, an extension to May 31, 2017 was approved by Watermaster. In addition, a new Storage Agreement was entered into with Victorville Water District under different terms and will remain in effect until September 2018. The status of each storage account is reported in Appendix F.

**TABLE 2-1**

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

**ADMINISTRATIVE BUDGET**

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

**ASSESSMENT RATES**

1. Administrative  
\$ 3.55/acre-foot of Production
2. Biological  
\$ 0.88/acre-foot of Production
3. Replacement and Makeup Water  
2015-16 \$515.00 /acre-foot<sup>1</sup>  
(6/1/17 Invoice Date)  
2016-17 “*Not to exceed*” \$565.00 /acre-foot<sup>2</sup>  
(6/1/18 Invoice Date)

<sup>1.</sup> The rate adopted for Water Year 2015-16 was adopted by the Mojave Water Agency on February 9, 2017 pursuant to Resolution No. 1032-17 in accordance with the changes to the Watermaster Rules and Regulations adopted October 29, 2008.

<sup>2.</sup> This rate is 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.

## **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 2015-16 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 2015-16 was conducted by the Watermaster staff and included verification of all parties to the Judgment. The verified production of all parties for Water Year 2015-16 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, 2016. 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 2015-16 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 #5140 (Lake Arrowhead Fire Station #1).

### **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 2016. The Plan update anticipates population will grow from 469,551 in 2015 to 695,647 in 2040, 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 2040. 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 was adopted MWA in June of 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 32,600 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 2017. MWA is nearing completion on the preliminary design phase report for similar dual purpose recharge/flood control basins in Antelope Wash and Bandicoot Wash in the southern Alto region. MWA continued 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. A 40 acre parcel was purchased in the upper Mojave River area for off-river recharge and will be ready for use in 2018.

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 2016-17.

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

\$75,000 to the program in 2015-16, and another \$60,000 in 2016-17, which will focus on retreatment and monitoring in the previously treated areas. DFW contributed \$36,000 in 2015-16 and another \$25,000 in 2016-17 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 10.5 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**

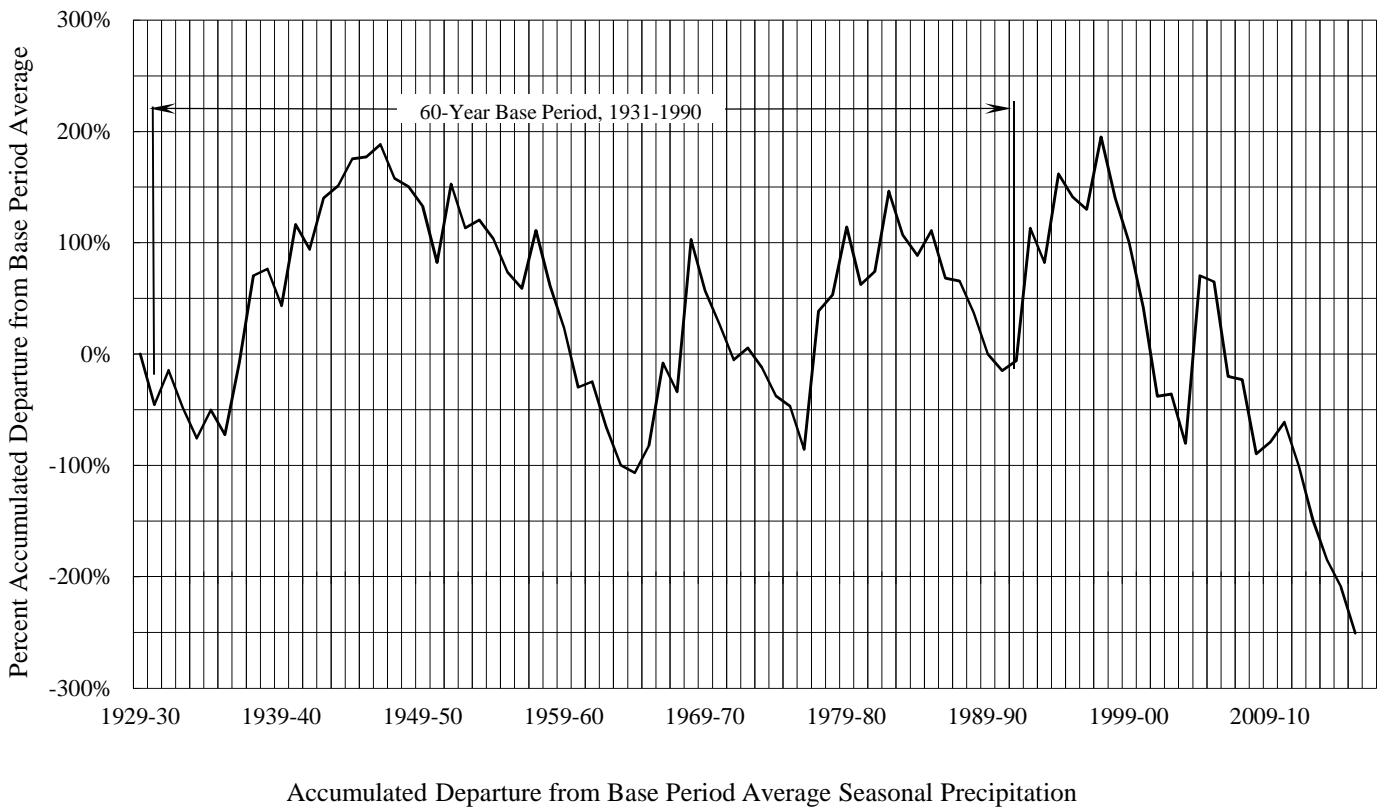
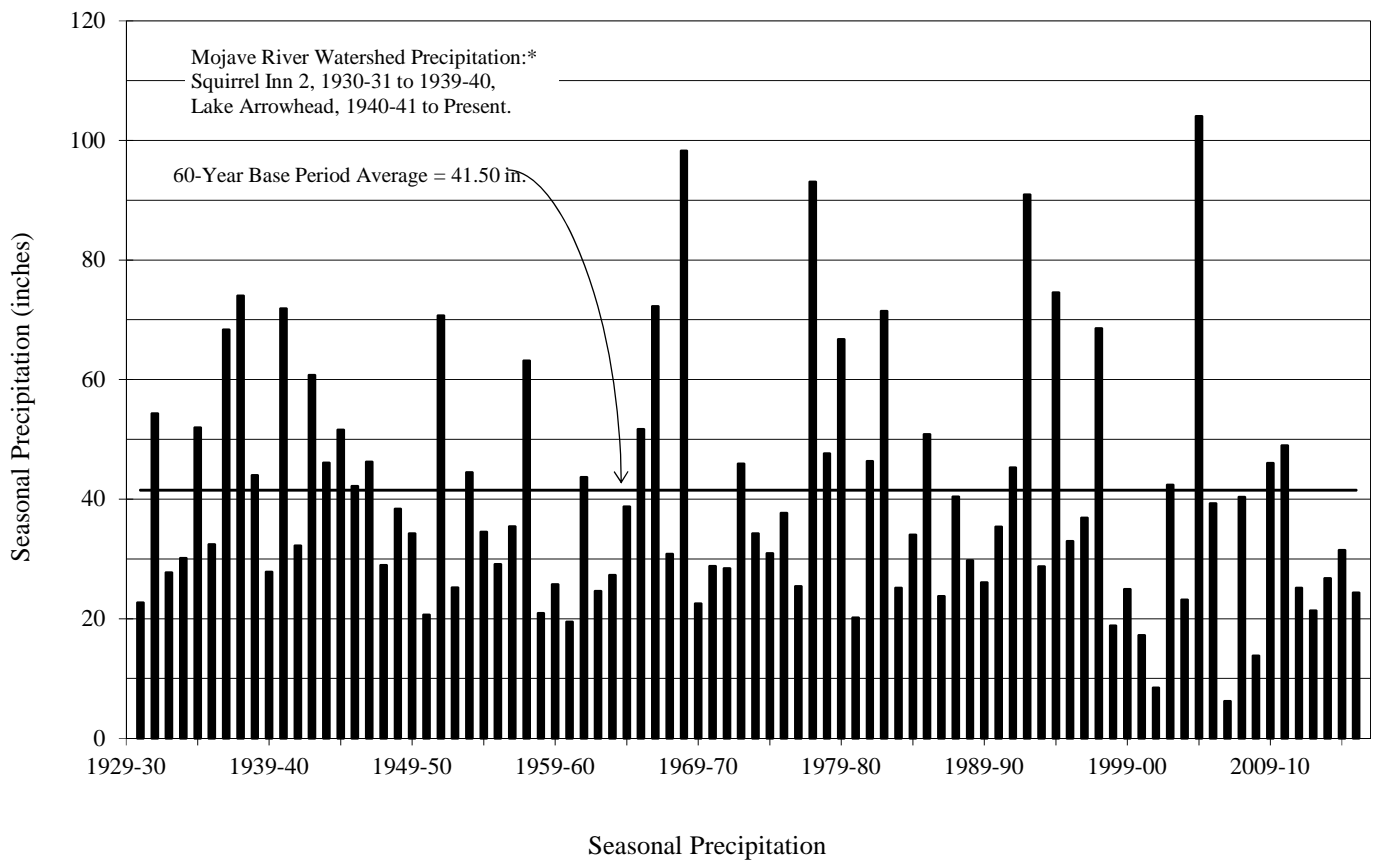
After experiencing below average precipitation during 2014-15, the precipitation in the Mojave River Watershed during 2015-16, as measured at Lake Arrowhead was again below average at about 59 percent of the 60 Year Base Period average. The combined flow of the West Fork Mojave River and Deep Creek during the 2015-16 Water Year was about 16 percent of the 60-Year Base Period average.

#### **Precipitation During 2015-16**

Rainfall in the mountain areas is the principal source of natural water supply to the Mojave Basin Area. During the 2015-16 Water Year the precipitation at Lake Arrowhead amounted to 24.3 inches, which is about 59 percent of the Base Period average of 41.5 inches. The maximum monthly rainfall of 9.93 inches occurred in January 2016, with 3.12 inches and 2.85 inches occurring during December 2015 and April 2016, respectively. Figure 3-1 shows the seasonal precipitation from 1930-31 through 2015-16 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 3.07 inches and 4.57 inches, respectively. The amount recorded at Victorville represents approximately 56 percent of the annual average of 5.45 inches and the amount recorded at Barstow represents approximately 100 percent of the annual average of 4.56 inches. Figure 3-2 shows the seasonal precipitation at Victorville and Barstow.

#### **Runoff During 2015-16**

Locations of stream flow gages for the Mojave River system are shown on Appendix A. Table 3-1 shows monthly discharge amounts for 2015-16 at these locations.



Precipitation Characteristics, Mojave River Watershed

FIGURE 3-1

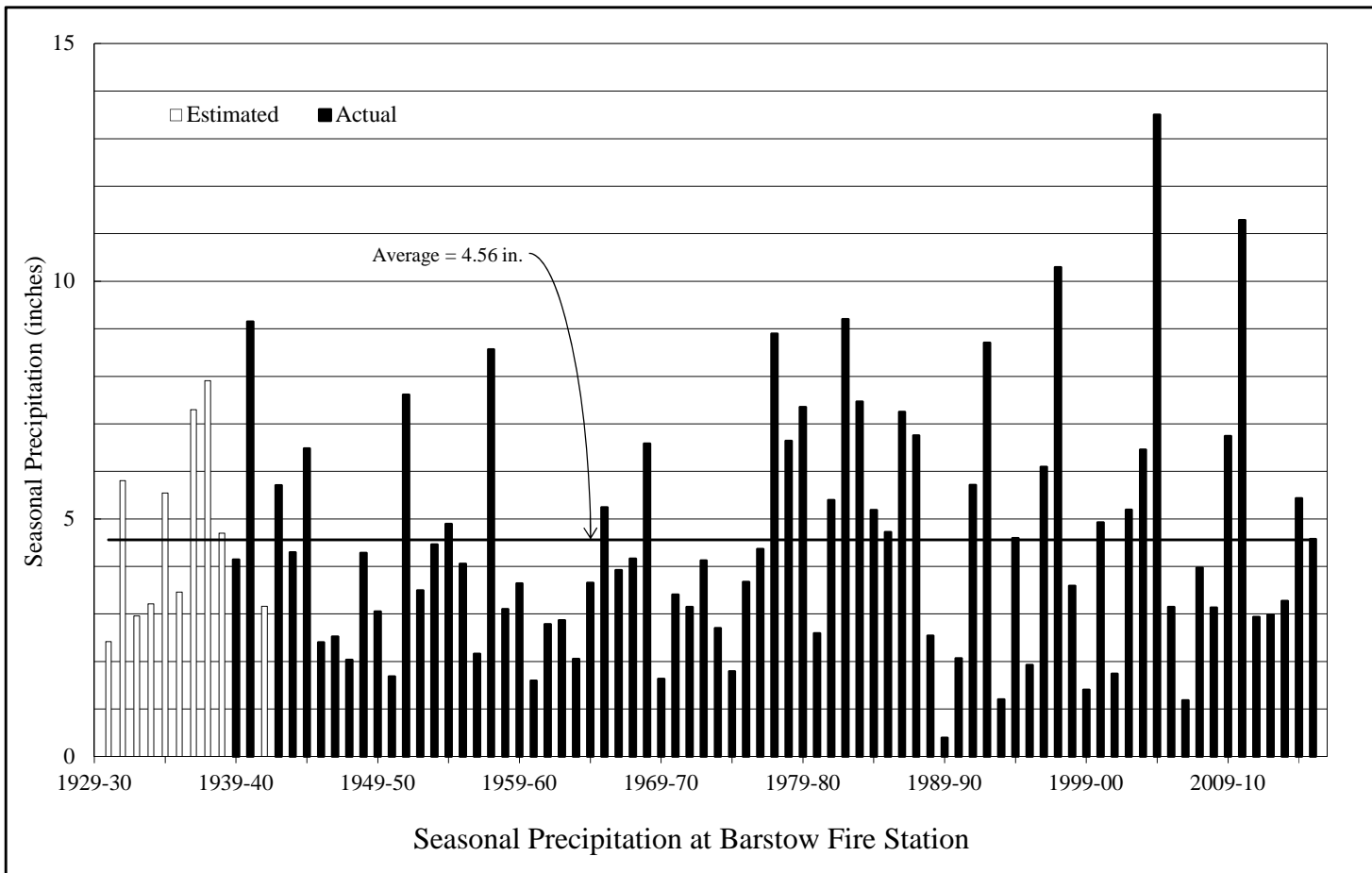
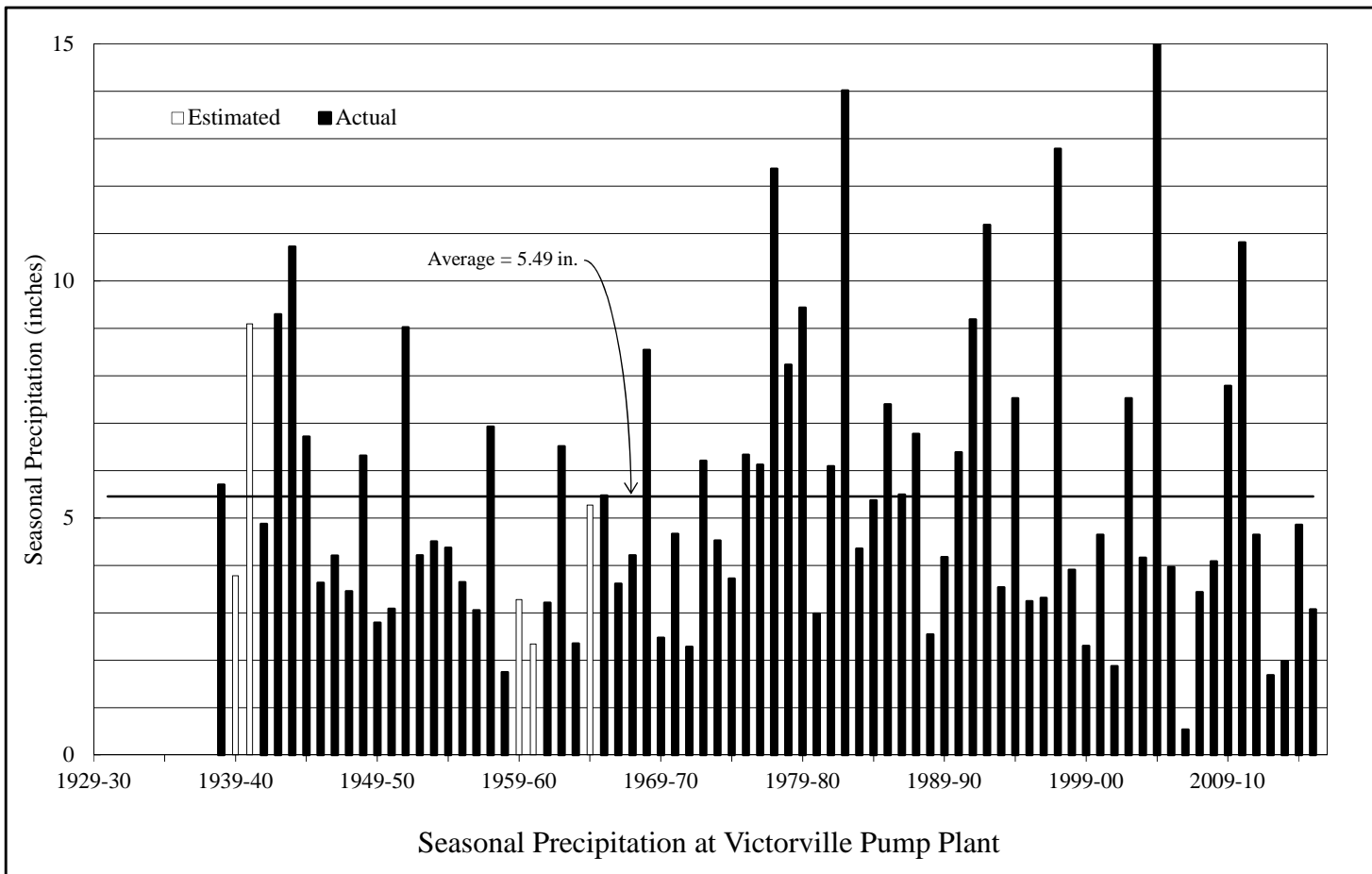


FIGURE 3-2

**TABLE 3-1**  
**MONTHLY DISCHARGE AMOUNTS**  
**FOR WATER YEAR 2015-16**  
**(Acre-Feet)**

<b>Month</b>	<b>Forks <sup>1</sup></b>	<b>Lower Narrows <sup>2</sup></b>			<b>Barstow <sup>3</sup></b>	<b>Afton <sup>4</sup></b>		
	<b>Measured Discharge</b>	<b>Base Flow</b>	<b>Storm Flow</b>	<b>Total</b>	<b>Measured Discharge</b>	<b>Base Flow</b>	<b>Storm Flow</b>	<b>Total</b>
October	263.40	342	0	342	0.0	4.44	57.4	61.84
November	535.00	472	0	472	0.0	2.80	0.0	2.80
December	801.00	623	0	623	0.0	19.30	0.0	19.30
January	2,705.00	701	96	797	0.0	32.90	0.0	32.90
February	3,540.00	664	0	664	0.0	18.00	0.0	18.00
March	1,514.80	728	12	740	0.0	14.30	0.0	14.30
April	819.00	525	0	525	0.0	8.53	0.0	8.53
May	356.00	381	0	381	0.0	2.30	0.0	2.30
June	83.20	139	0	139	0.0	0.00	0.0	0.00
July	10.70	90.5	0	91	0.0	0.00	0.0	0.00
August	16.90	94.0	0	94	0.0	0.00	0.0	0.00
September	18.70	91.8	0	92	0.0	0.00	0.0	0.00
<b>Total (AF)</b>	<b>10,664</b>	<b>4,851</b>	<b>108</b>	<b>4,959</b>	<b>0</b>	<b>103</b>	<b>57</b>	<b>160</b>

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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 2015-16 as measured by the combined discharges of the West Fork Mojave River and Deep Creek was 10,664 acre-feet or about 16 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 2015-16 and the accumulated departure from the Base Period average are shown on Figure 3-3.

### **At Lower Narrows**

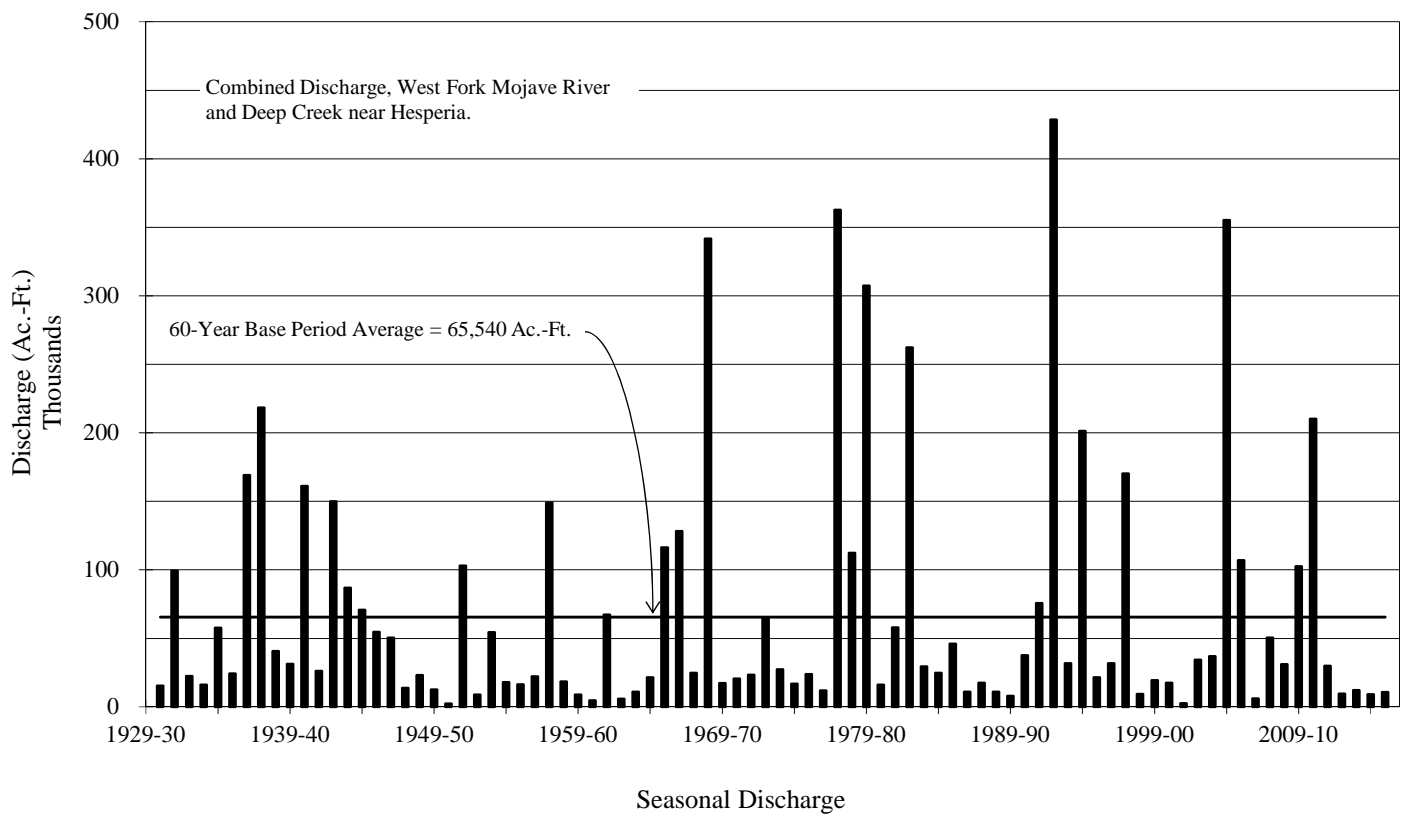
The total surface flow of the Mojave River at the Lower Narrows was 4,959 acre-feet, which is about 9.5 percent of the 60-Year Base Period average of 51,960 acre-feet. During Water Year 2015-16 the total flow accruing to the Lower Narrows Gage was estimated to consist of 108 acre-feet of storm flow and 4,851 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 2015-16.

### **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 2015-16.

### **At Afton**

The total surface flow of the Mojave River at Afton was 160 acre-feet, which is about 2 percent of the Base Period average of 8,247 acre-feet. During 2015-16 the total flow accruing to the Afton Gage was estimated to consist of 57 acre-feet of storm flow and 103 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 2015-16.



Discharge Characteristics, Mojave River at the Forks

FIGURE 3-3

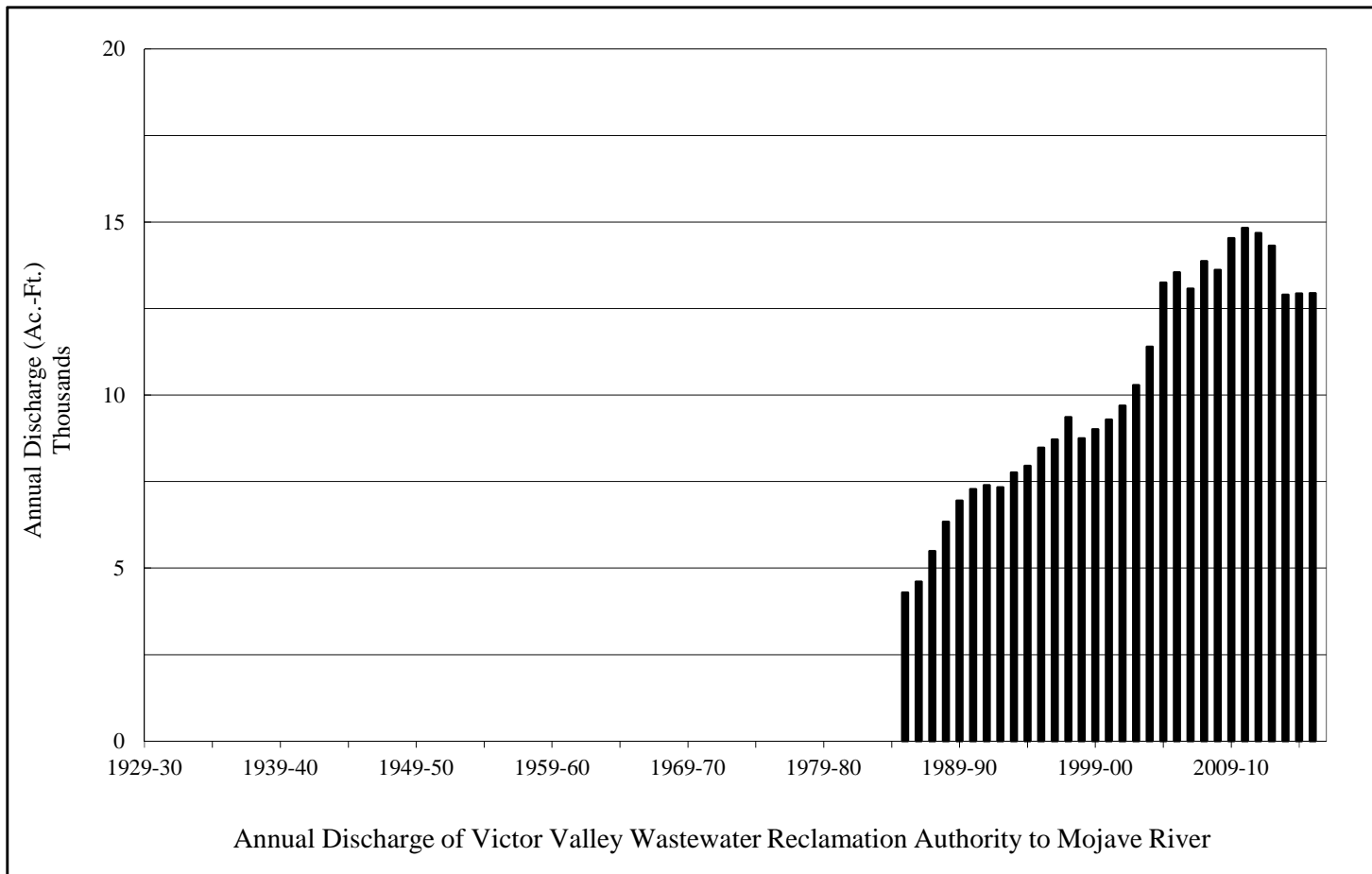
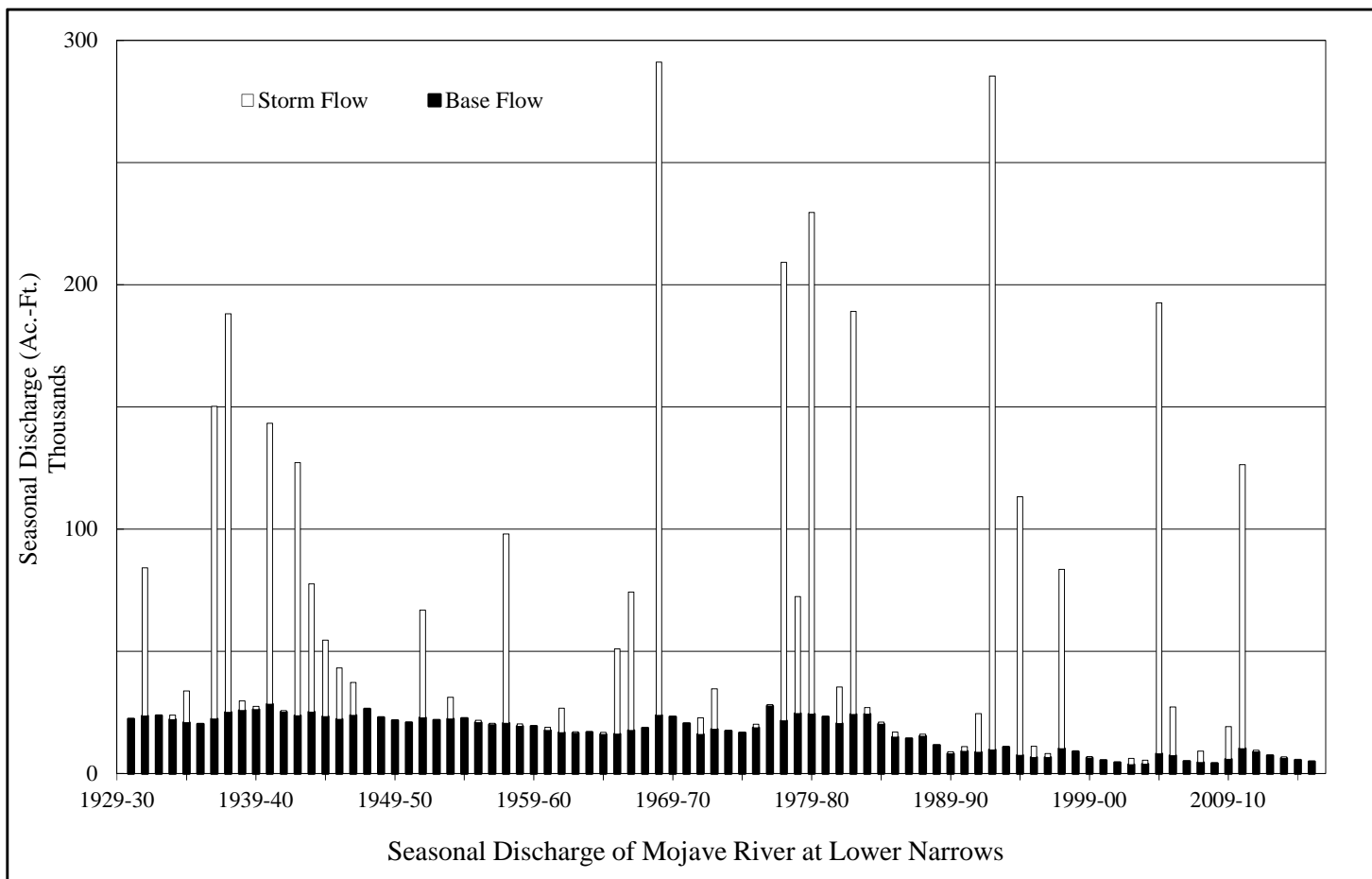


FIGURE 3-4

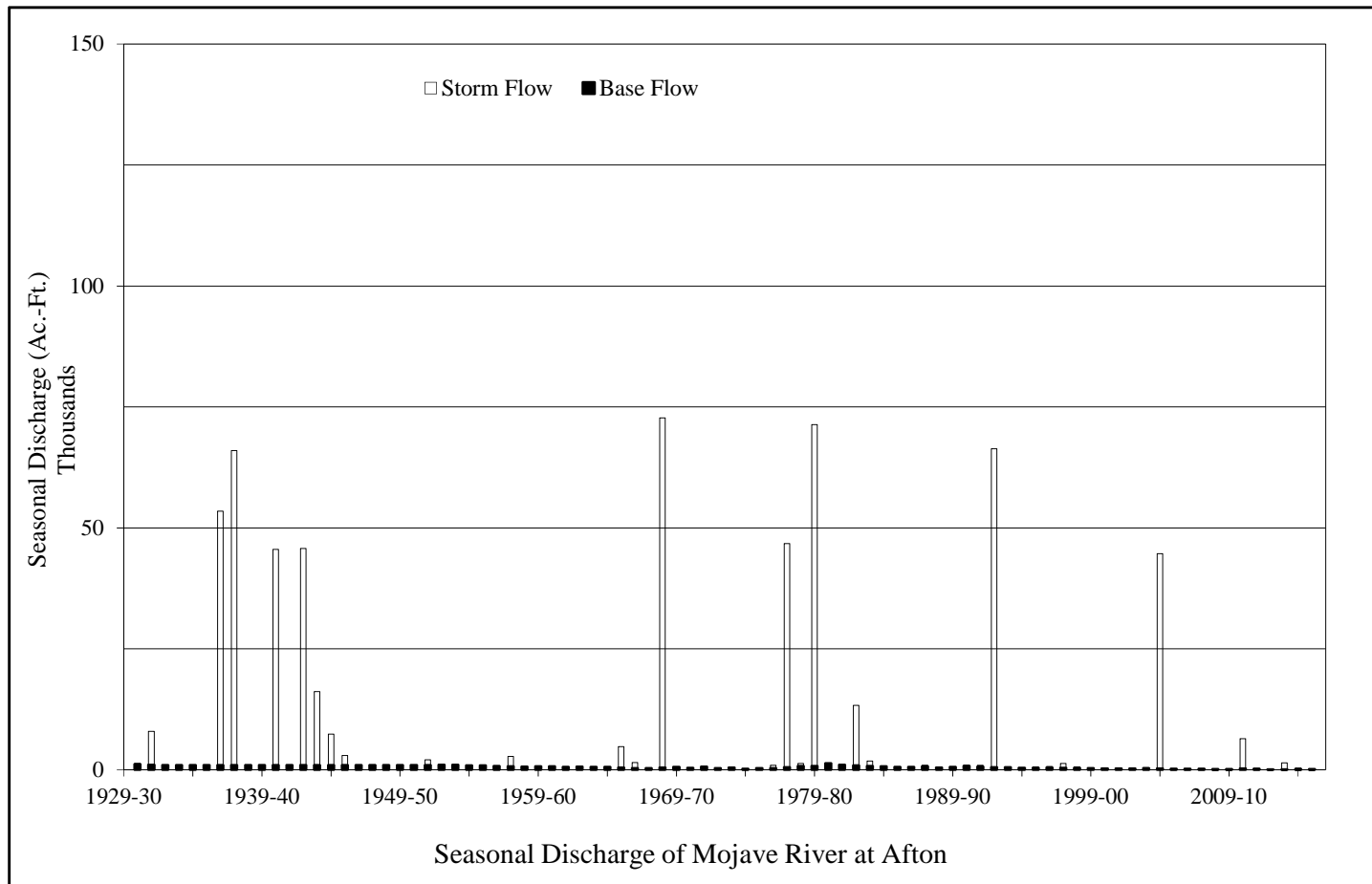
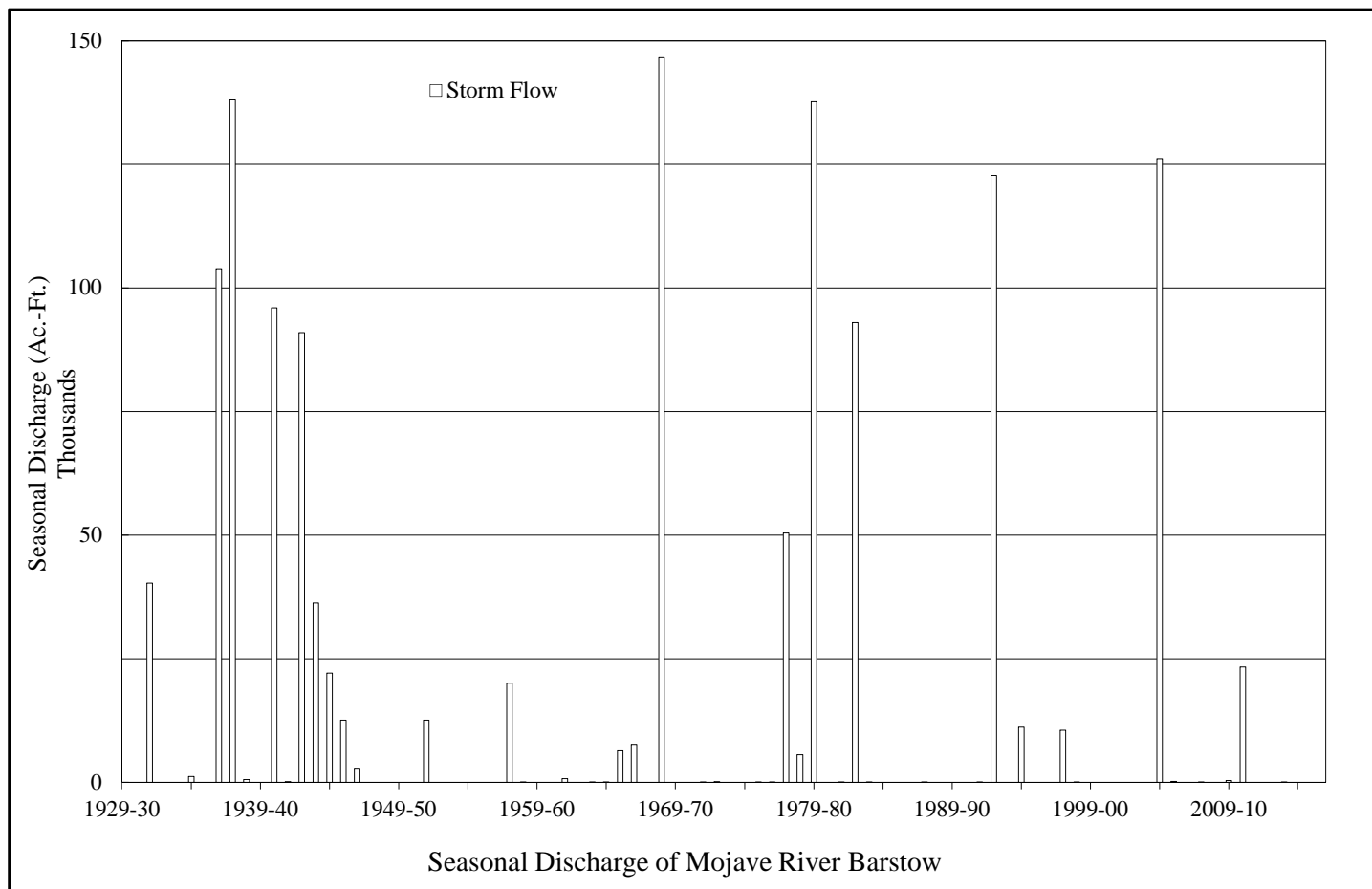


FIGURE 3-5



### **Wastewater Imports**

During 2015-16 reclaimed wastewater was delivered to the Mojave Basin Area for disposal by the following agencies:

	Amount Delivered (acre-feet)
Lake Arrowhead Community Services District	758
Crestline Sanitation District	566
Big Bear Area Regional Wastewater Agency	2,134
	<hr/>
	3,458

### **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. This water is credited toward the Alto Subarea's Obligation to the Centro Subarea and amounted to 12,940 acre-feet for Water Year 2015-16. The annual wastewater effluent discharge to the Mojave River for the period 1985-86 through 2015-16 is shown on Figure 3-4.

### **Imported Water Deliveries by MWA**

During 2015-16 MWA delivered 5,378 acre-feet of State Water Project water to the Alto, Centro and Baja Subareas.

(All Amounts in Acre-feet)

	<u><b>Month</b></u>	<u><b>Alto<sup>1</sup></b></u>	<u><b>Alto<sup>2</sup></b></u>	<u><b>Centro<sup>3</sup></b></u>	<u><b>Centro<sup>4</sup></b></u>	<u><b>Baja<sup>5</sup></b></u>	<u><b>Total</b></u>
<b>(2015)</b>	October	96	515	61	0	0	<b>672</b>
	November	11	539	46	0	0	<b>596</b>
	December	133	235	21	0	0	<b>389</b>
<b>(2016)</b>	January	164	0	16	0	0	<b>180</b>
	February	212	0	46	0	0	<b>258</b>
	March	136	10	47	0	0	<b>193</b>
	April	206	0	71	0	0	<b>277</b>
	May	0	635	112	0	0	<b>747</b>
	June	109	460	140	0	0	<b>709</b>
	July	104	666	177	273	0	<b>1,220</b>
	August	22	861	137	325	0	<b>1,345</b>
	September	178	1,313	122	58	25	<b>1,696</b>
	<b>Total</b>	<b>1,371</b>	<b>5,234</b>	<b>996</b>	<b>656</b>	<b>25</b>	<b>8,282</b>

<sup>1</sup> Deliveries to the power plant at SCLA.

<sup>2</sup> Deliveries to recharge facilities in the Alto Subarea pursuant to a storage agreement with Watermaster.

<sup>3</sup> Deliveries to the solar generating facility at Kramer Junction.

<sup>4</sup> Deliveries to recharge facilities in the Centro Subarea pursuant to a storage agreement with Watermaster.

<sup>5</sup> Deliveries to recharge facilities in the Baja Subarea pursuant to a storage agreement with Watermaster.

### **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.

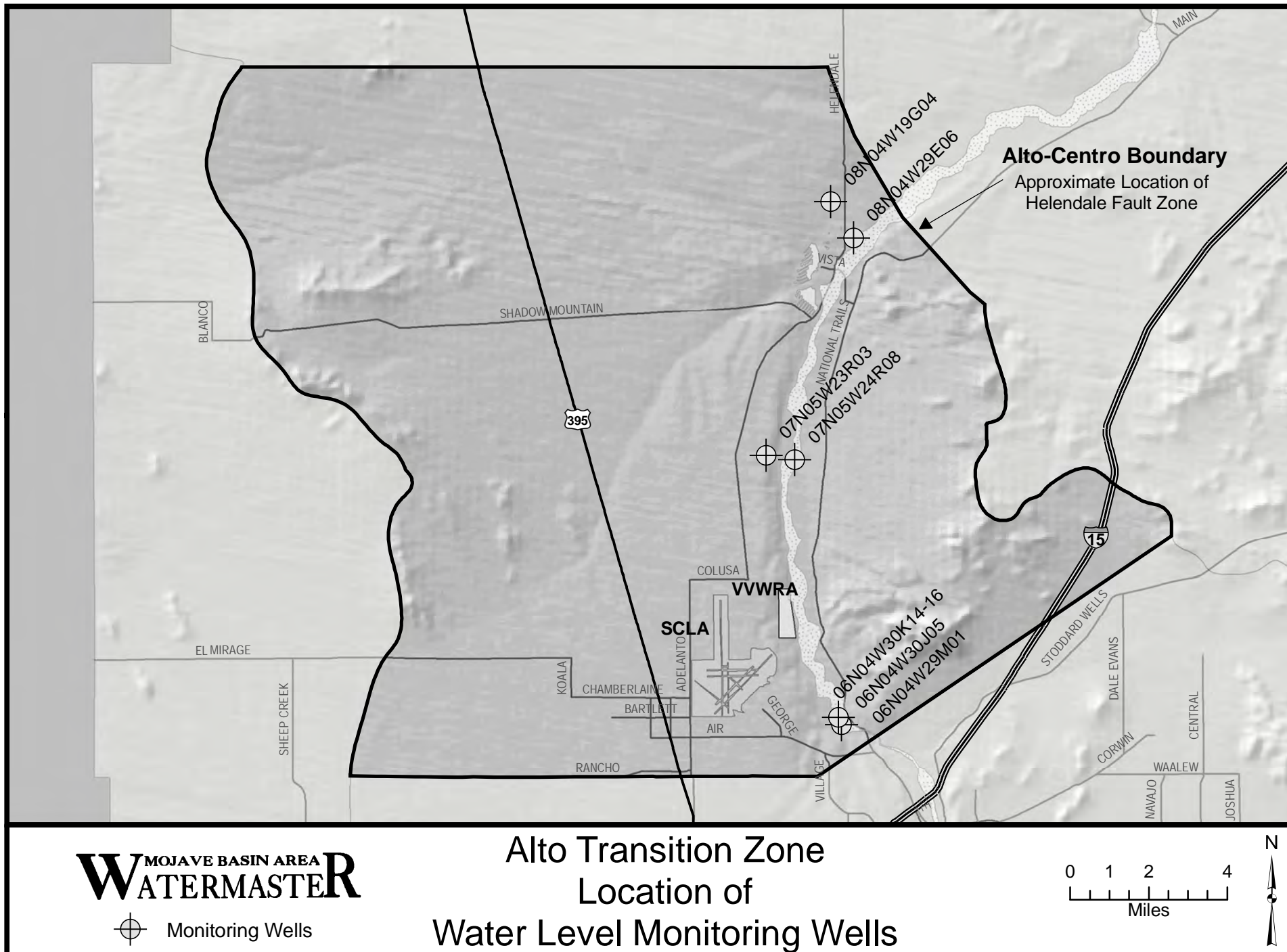
Figure 3-7 shows water levels in three wells near the Helendale Fault. Well number 08N04W20N01 & P02 provides historical reference for water levels dating back to 1930. The composite water level has changed nominally since 1930. Because this well has been discontinued, Watermaster proposes to monitor 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 12,940 acre-feet per year during 2015-16 which supports water levels within the Transition Zone. These water levels remained stable during Water Year 2015-16.

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. If the condition of rising water or stable water level over time continues, there may be no reason for a control point for minimum levels. Watermaster will confer with CDFW prior to 2018, if necessary, to establish minimum water level for this well.

FIGURE 3-6



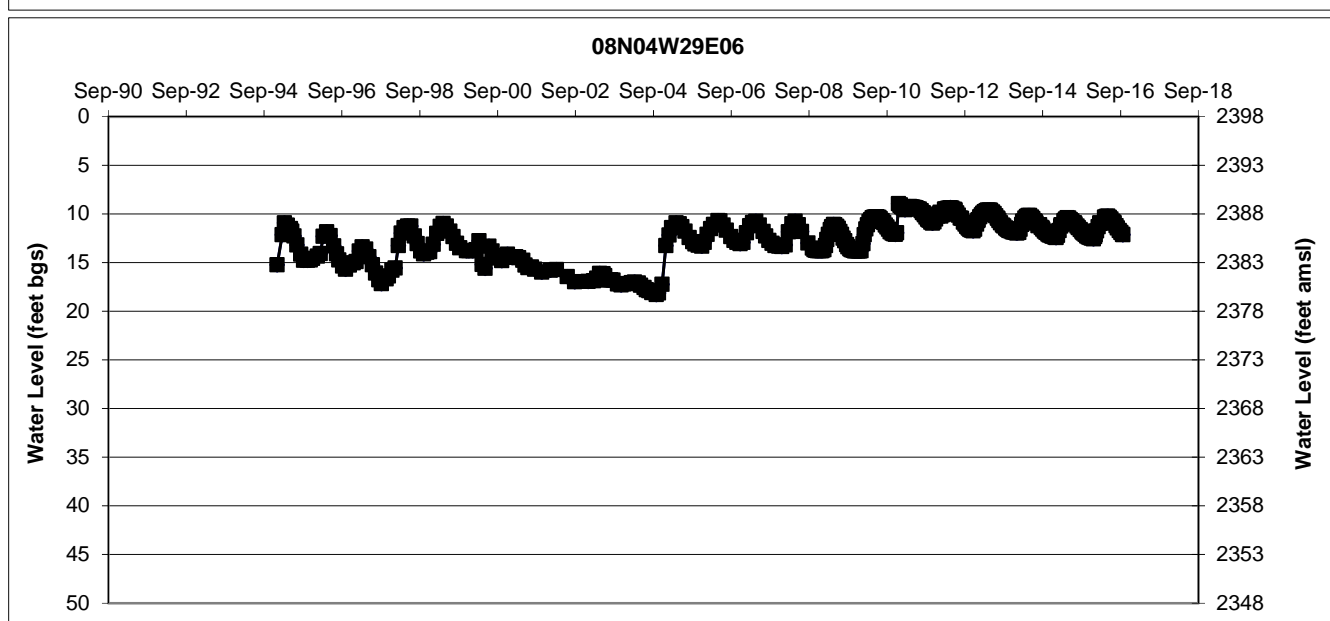
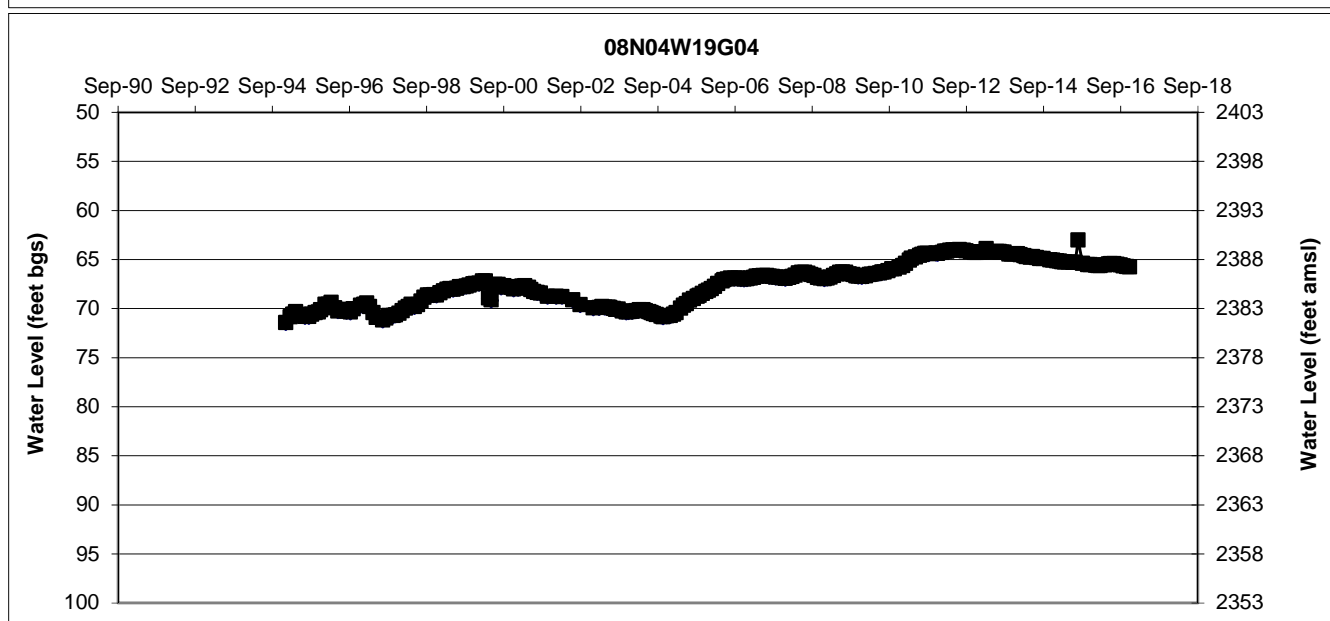
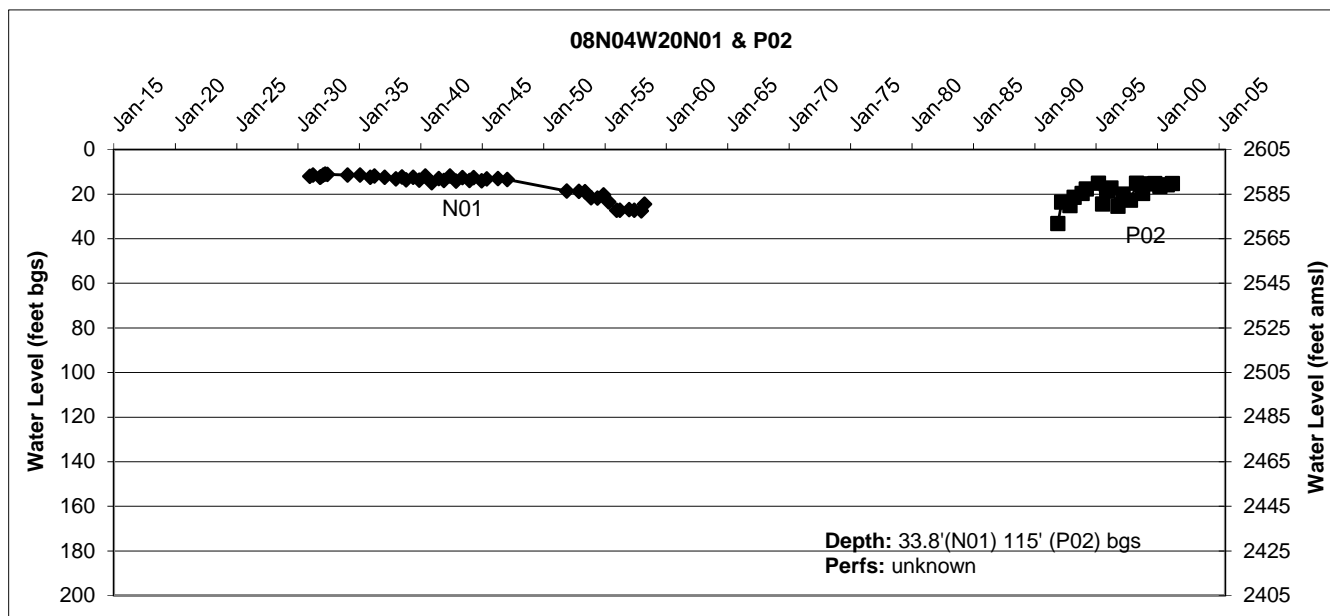


FIGURE 3-7

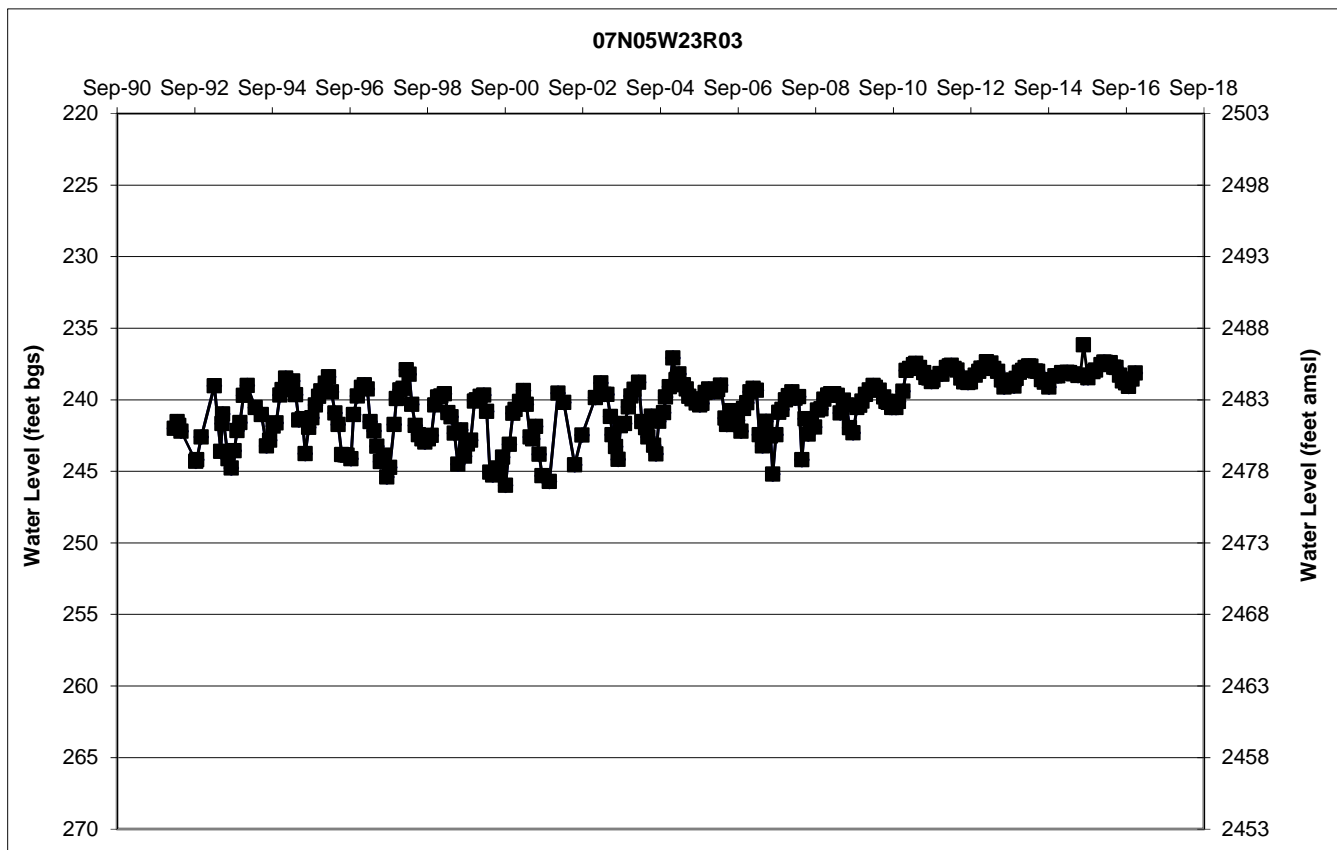
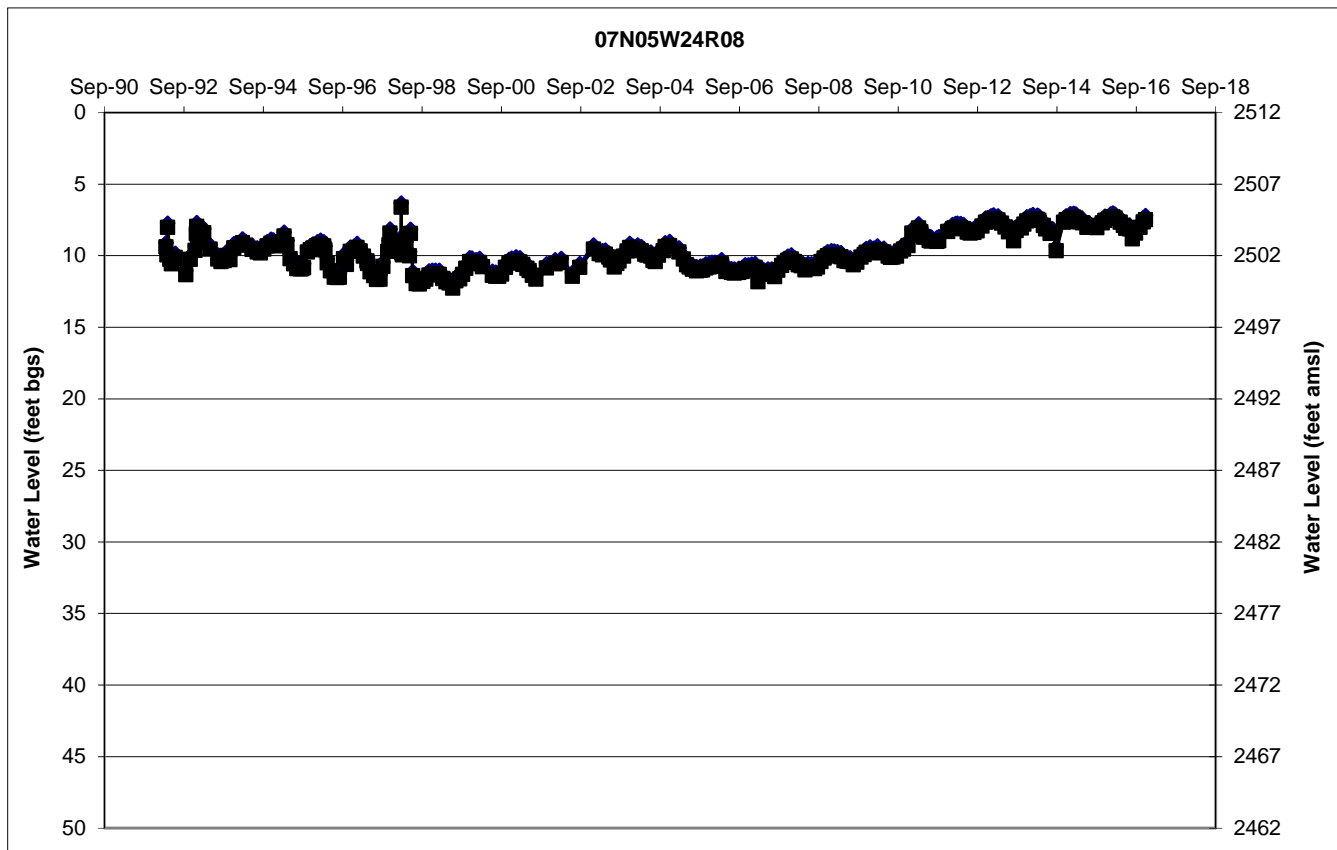


FIGURE 3-8

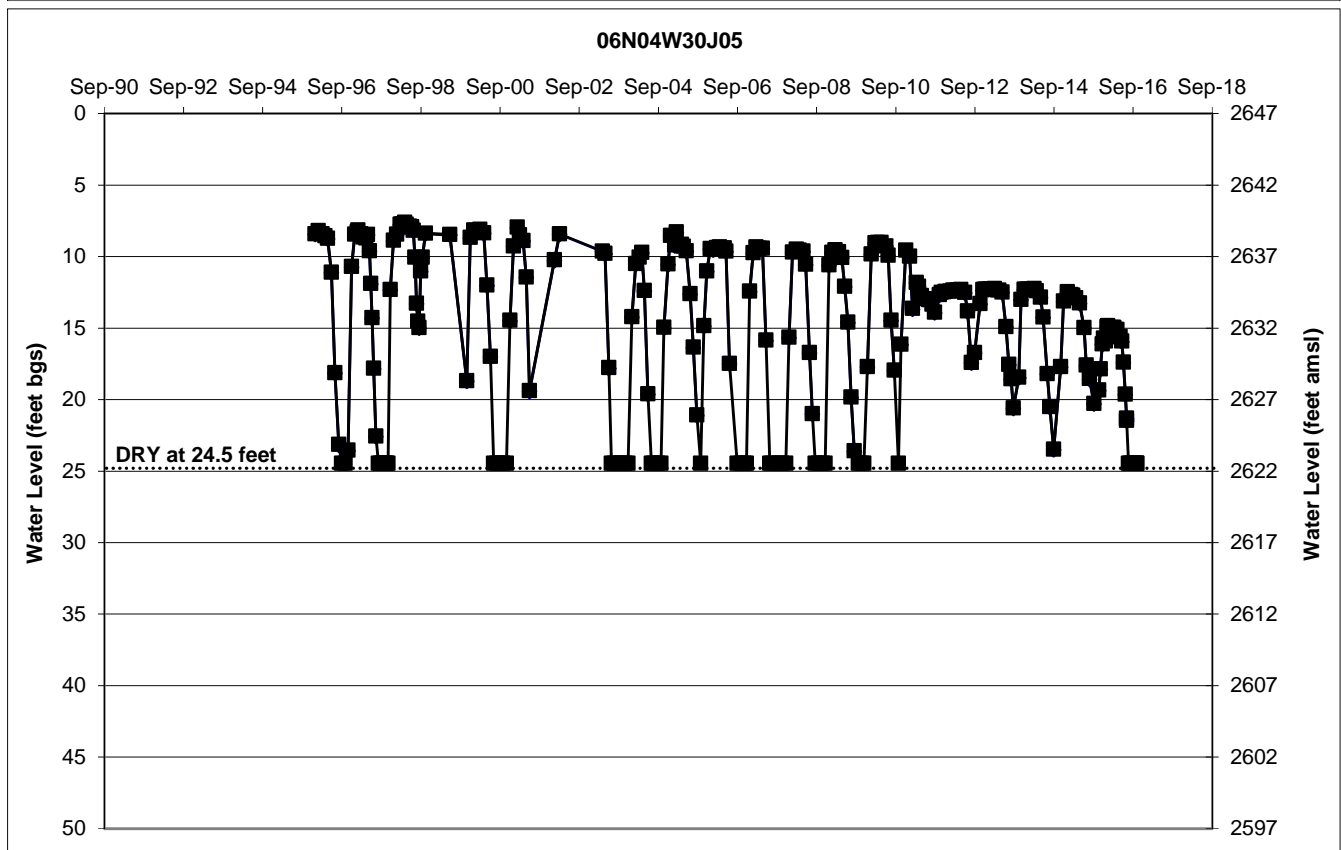
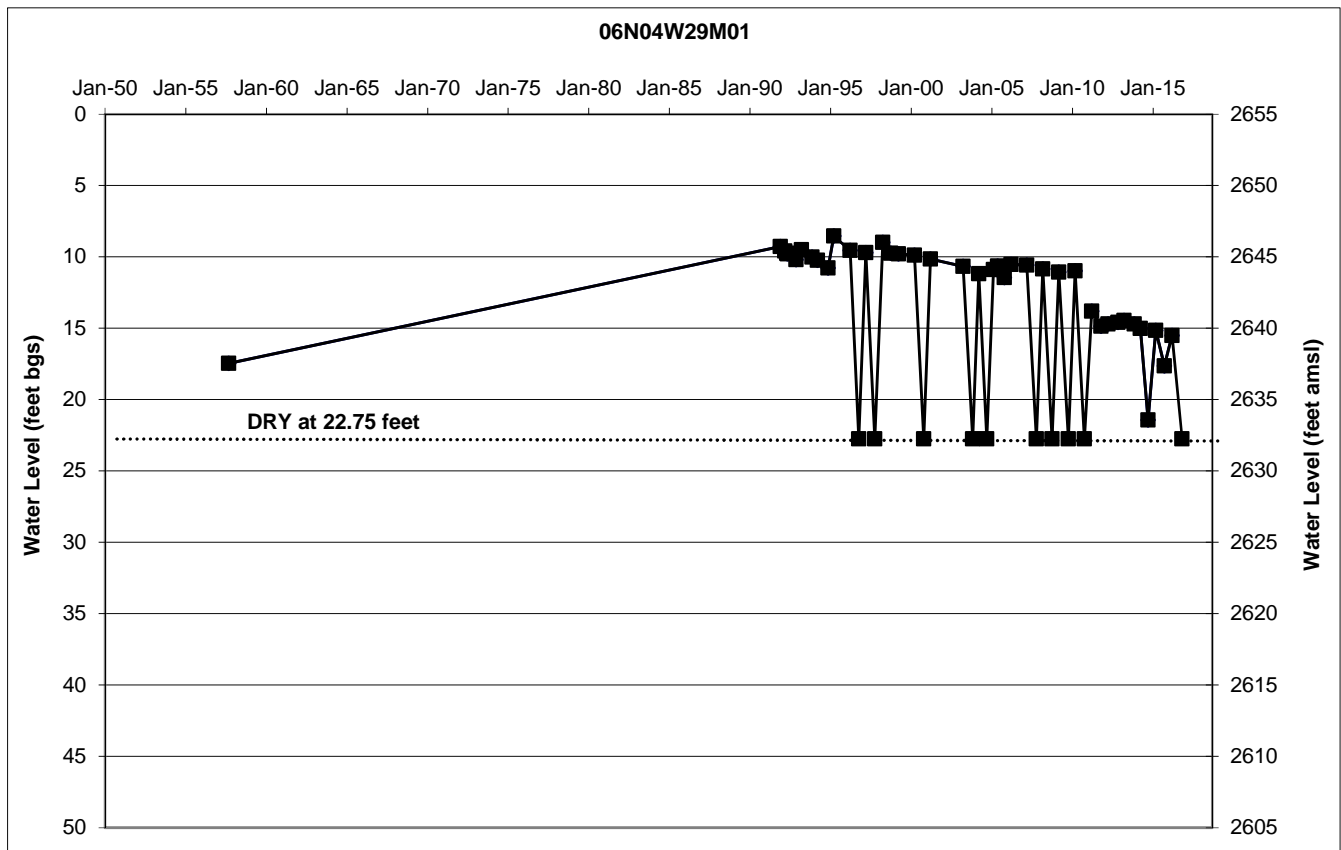


FIGURE 3-9



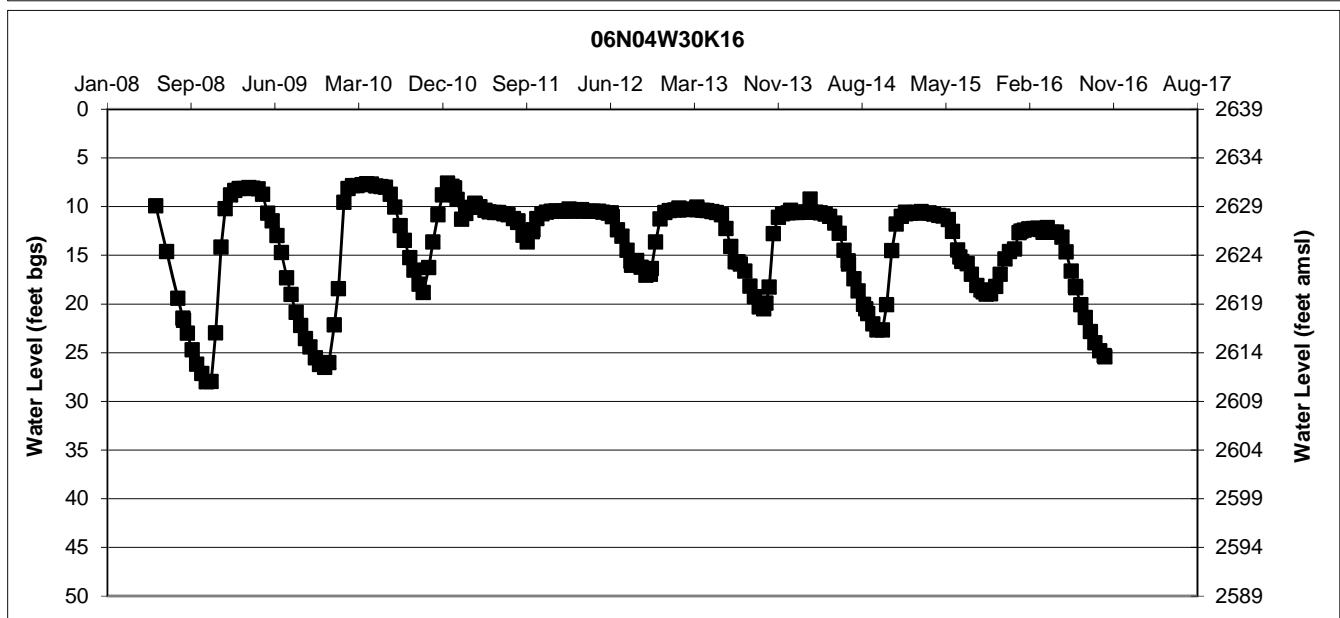
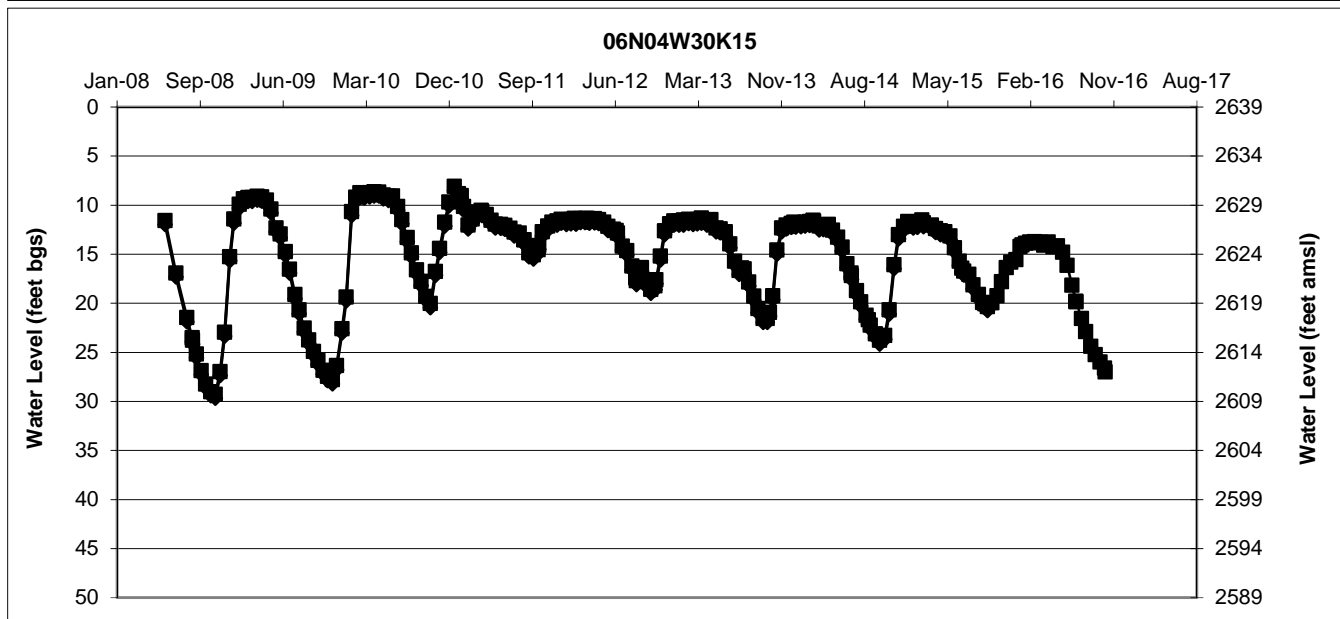
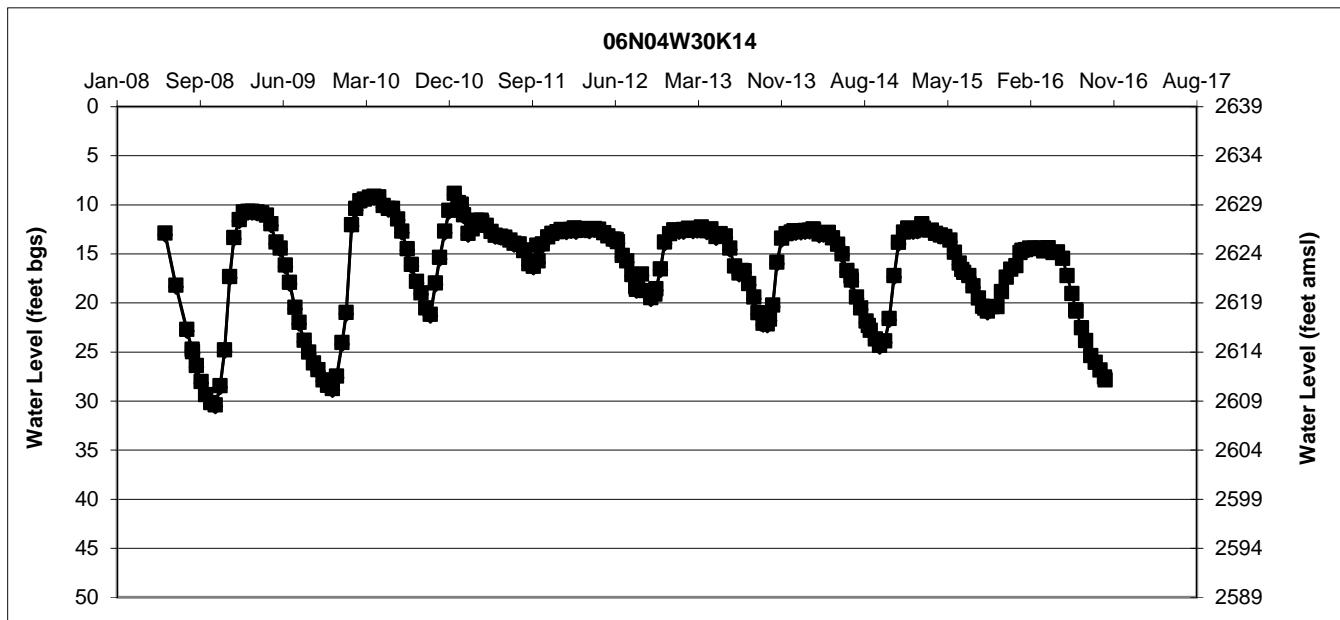


FIGURE 3-9

## **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 for each Subarea in Table 3-2.

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](http://www.water.ca.gov/groundwater/casgem/online_system.cfm)

The hydrographs were presented for inspection at the February and March 2017 Watermaster meetings 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 over the past 4 years. It is expected that, under current pumping conditions and long-term precipitation, 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. Water levels in near river wells, particularly in the upper part of Alto, have experienced 4 years of decline consistent with limited recharge due to drought conditions. However, we expect that recent precipitation, locally and in the mountains, will reverse the decline. The relative stability, over time, 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 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 the Hinkley area, 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**

Water levels in Oeste have declined over time and are likely to continue to decline as water production increases in-step with projected population growth. However, reviewing the available data on a shorter time frame of 15-20 years indicates that, in the short-term, water levels are variable but stable. The water production, water use and water level data indicates that over the past 15-20 years, water supply and demands (local precipitation, return flow from pumping, extractions, and outflow) are about equal. However, the past 15-20 years may not be representative of the longer-term water supply conditions in Oeste. Further, population and thus water demand is expected to increase in the future, which will result in continued water level decline.

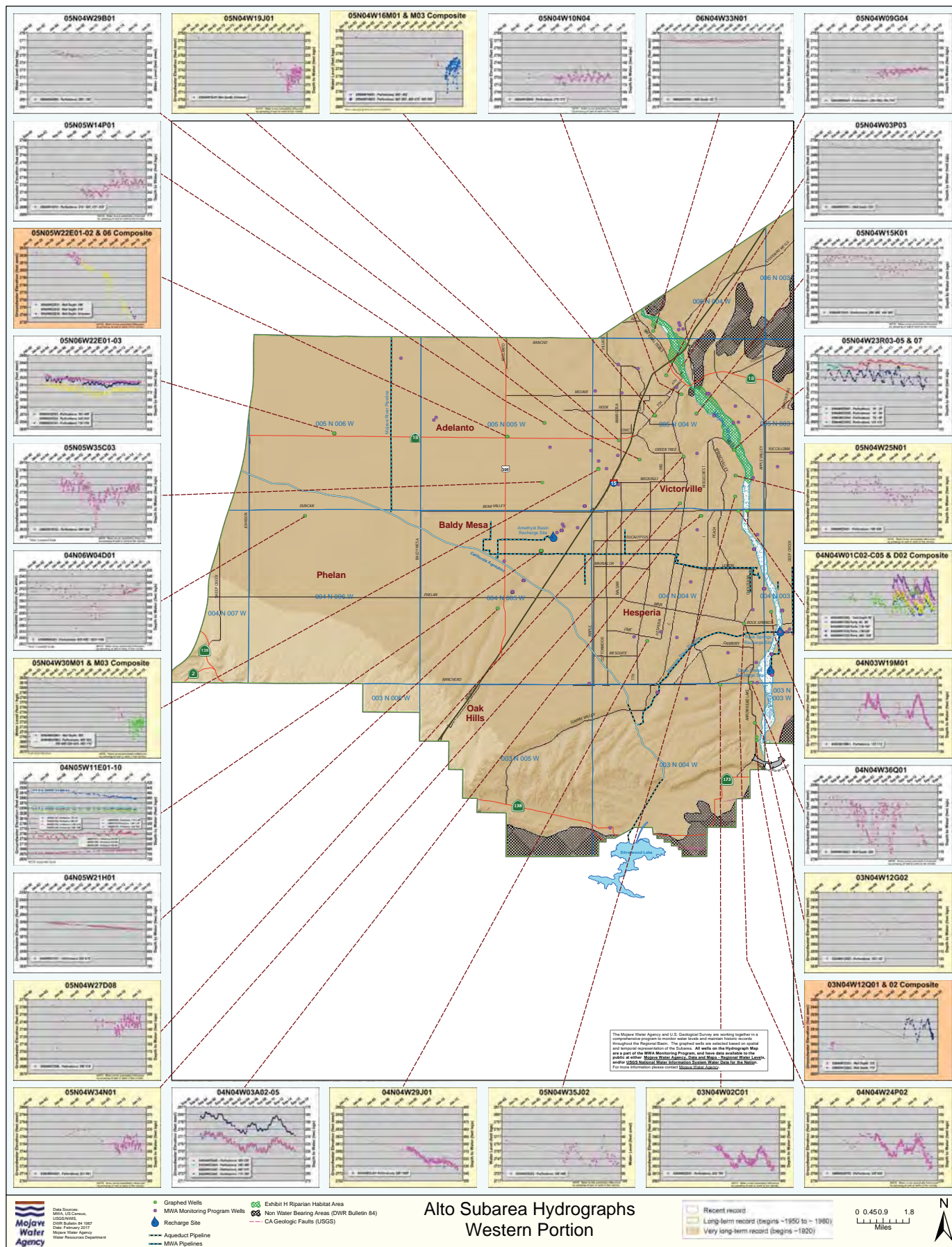


FIGURE 3-10



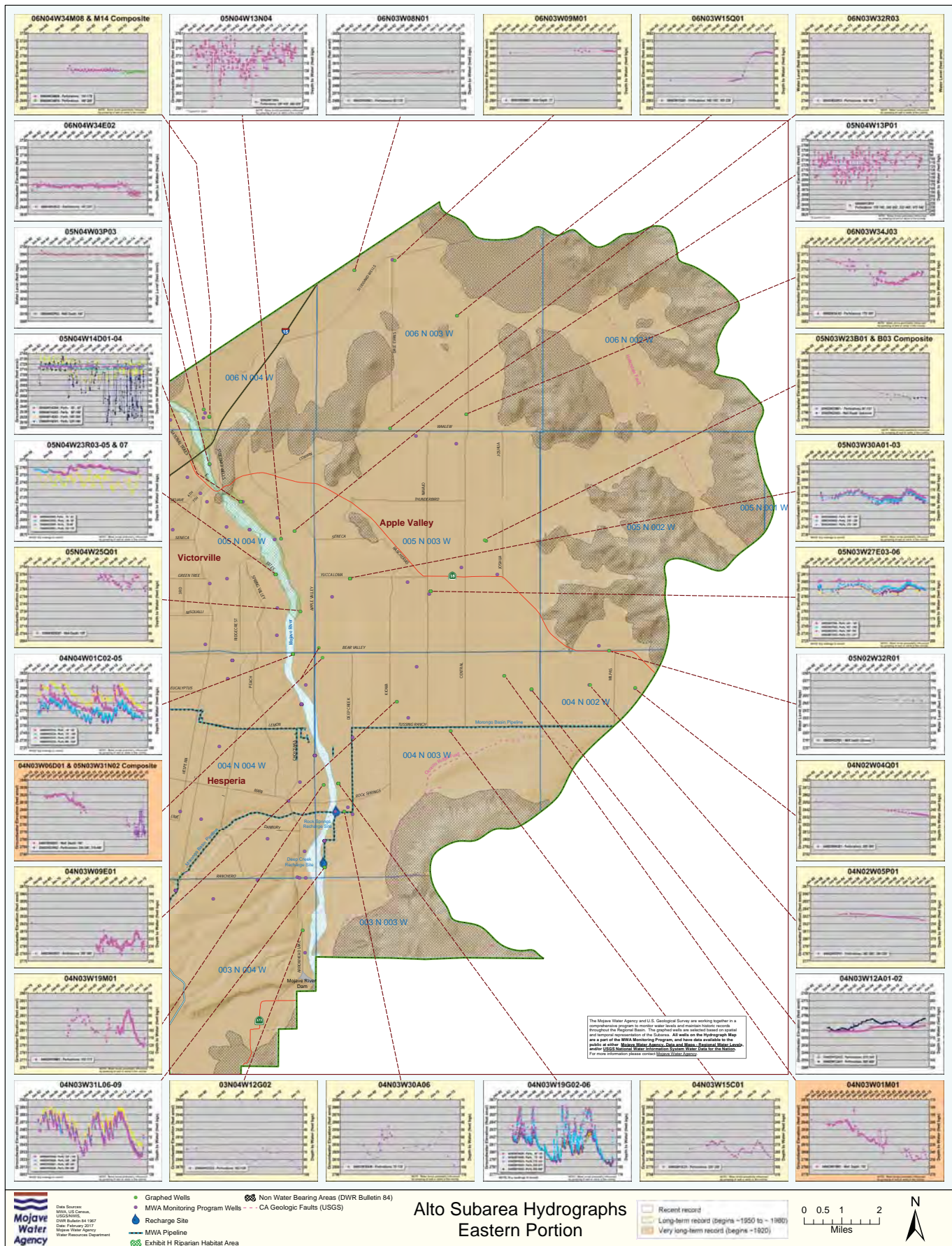


FIGURE 3-11



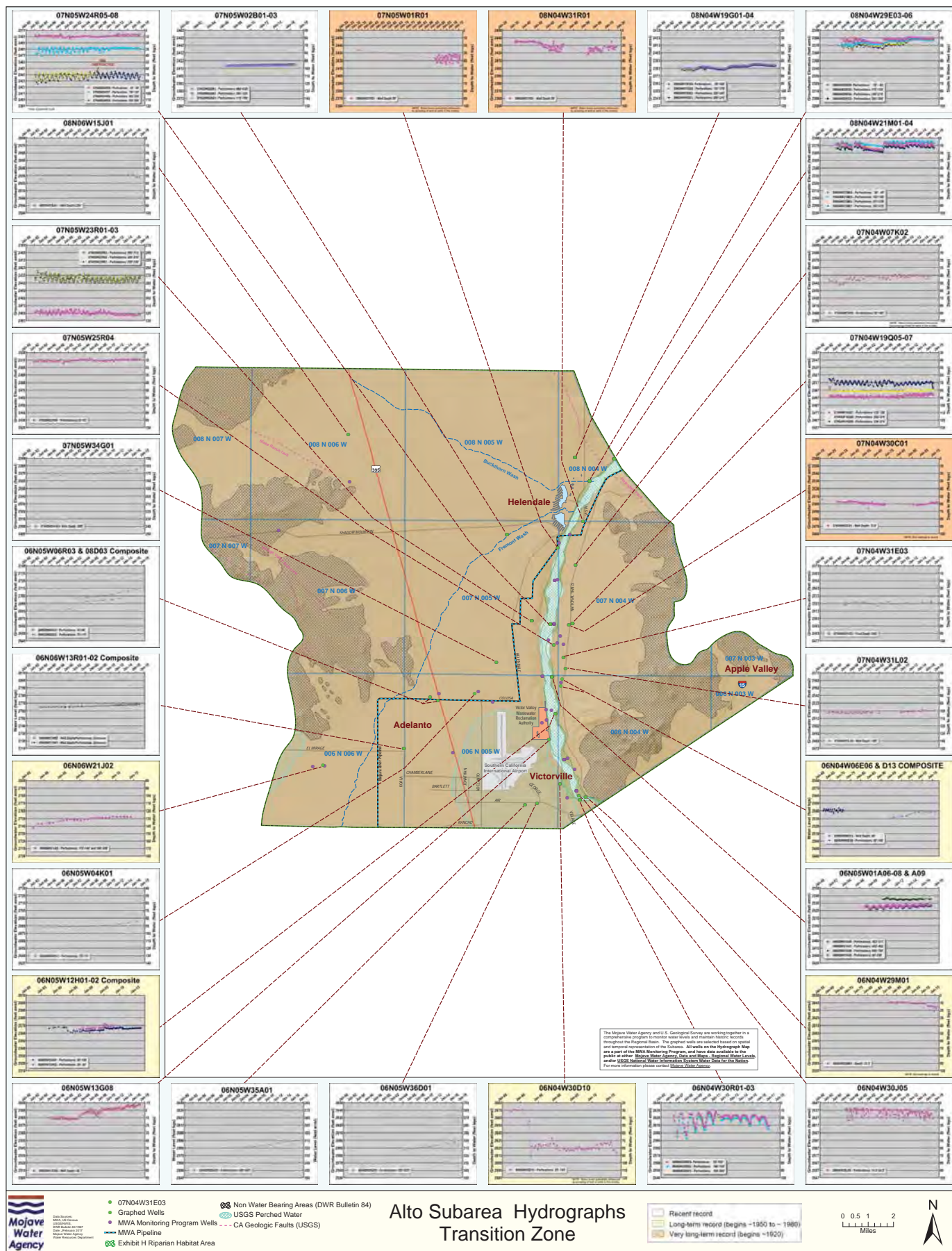


FIGURE 3-12



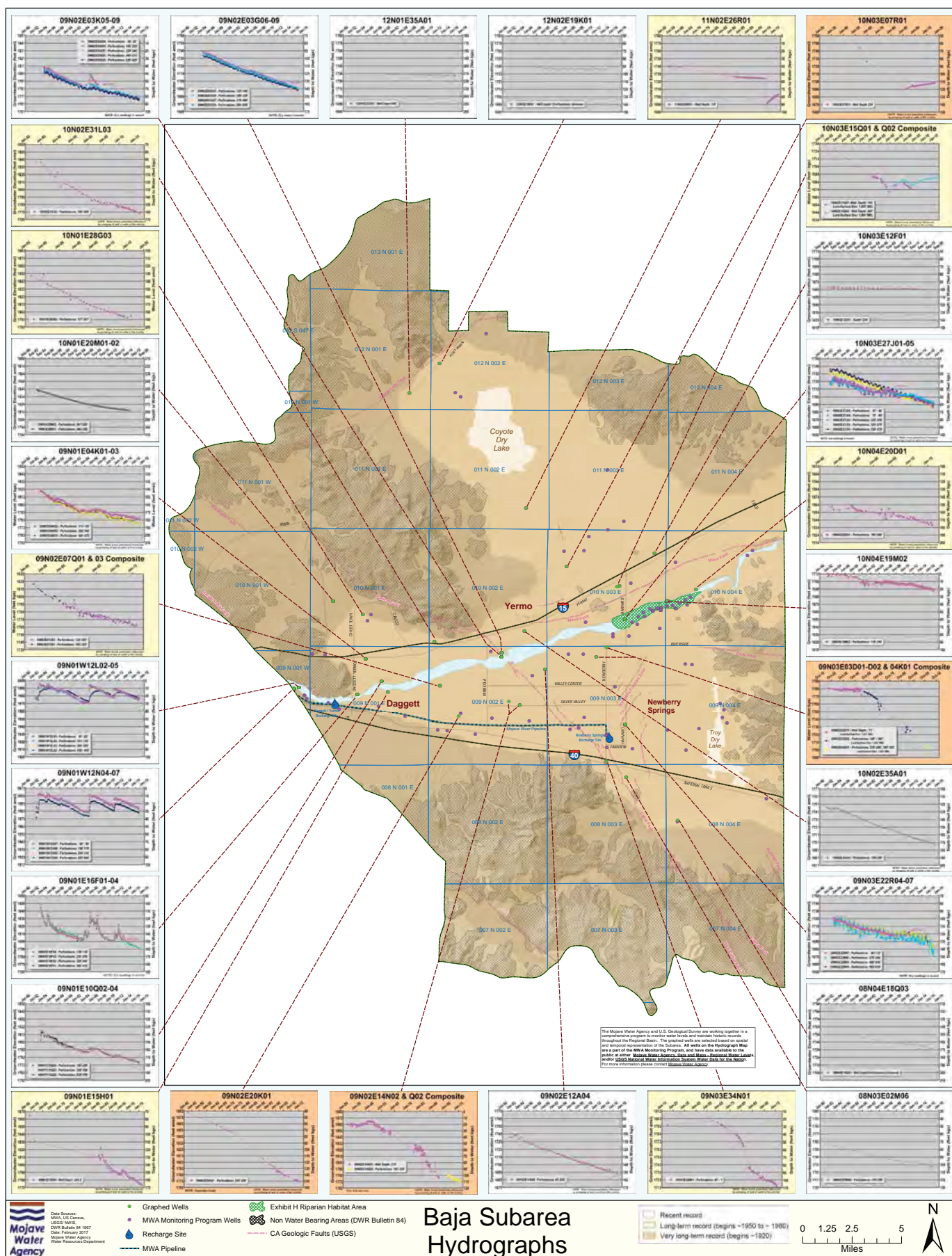


FIGURE 3-13



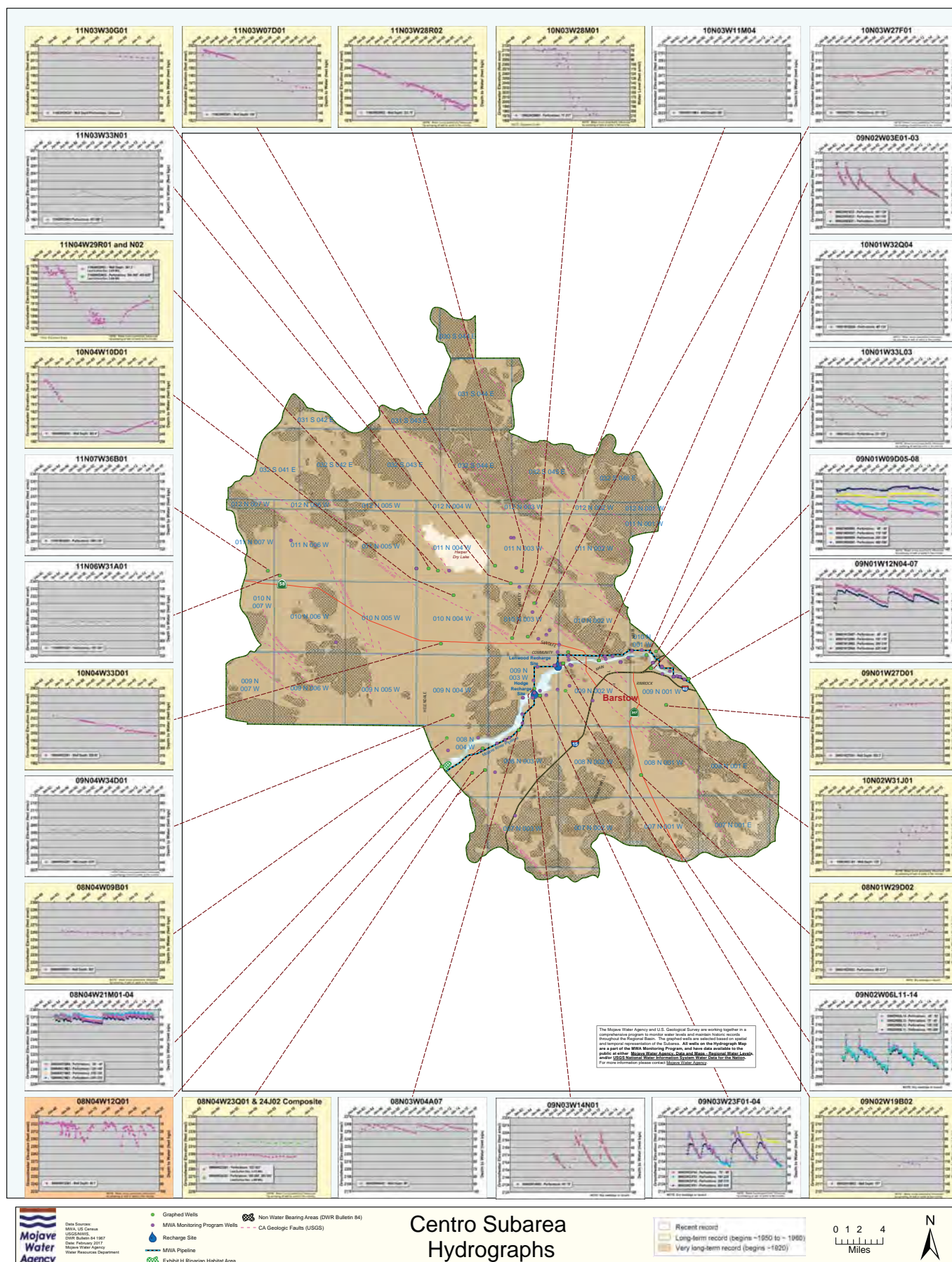


FIGURE 3-14



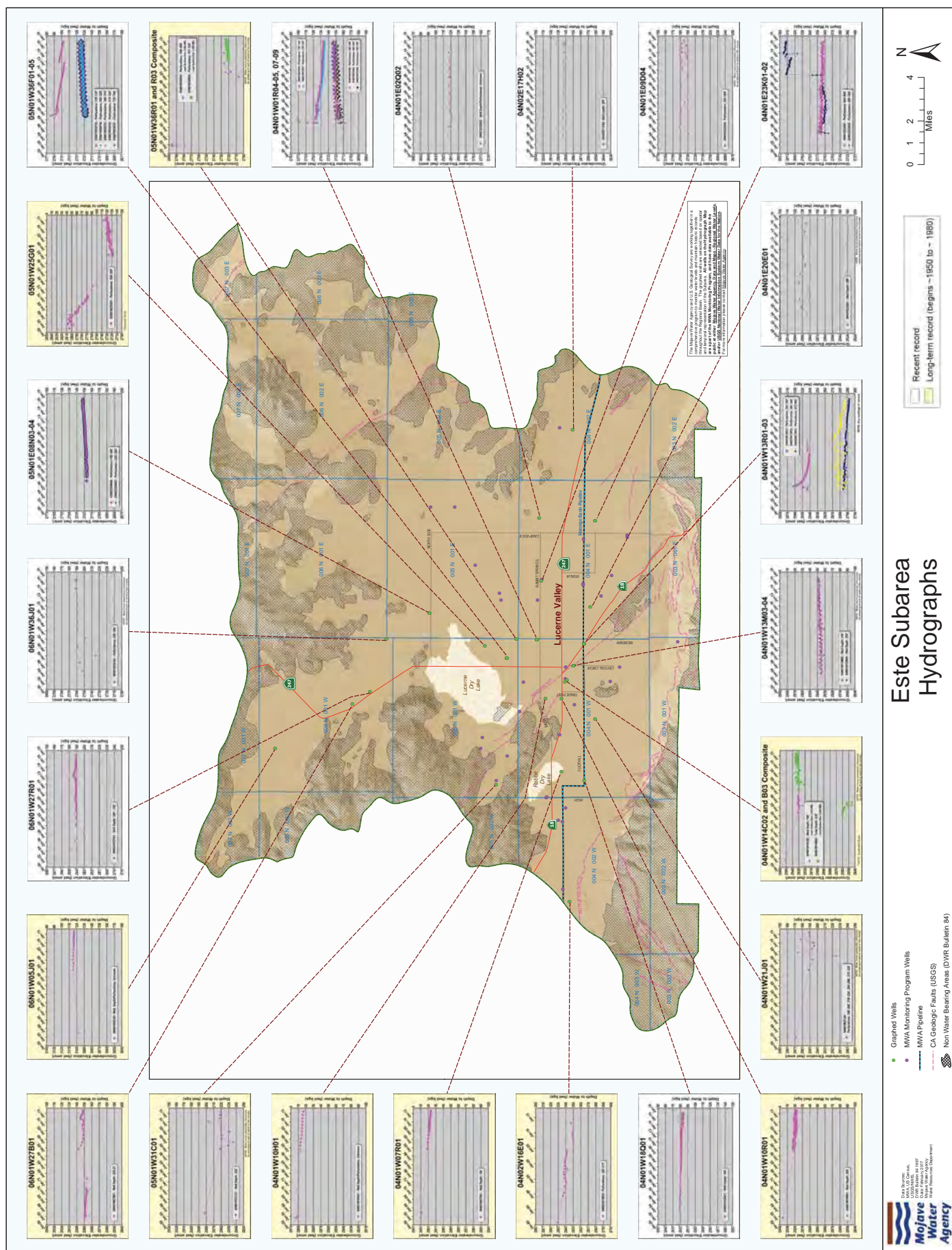
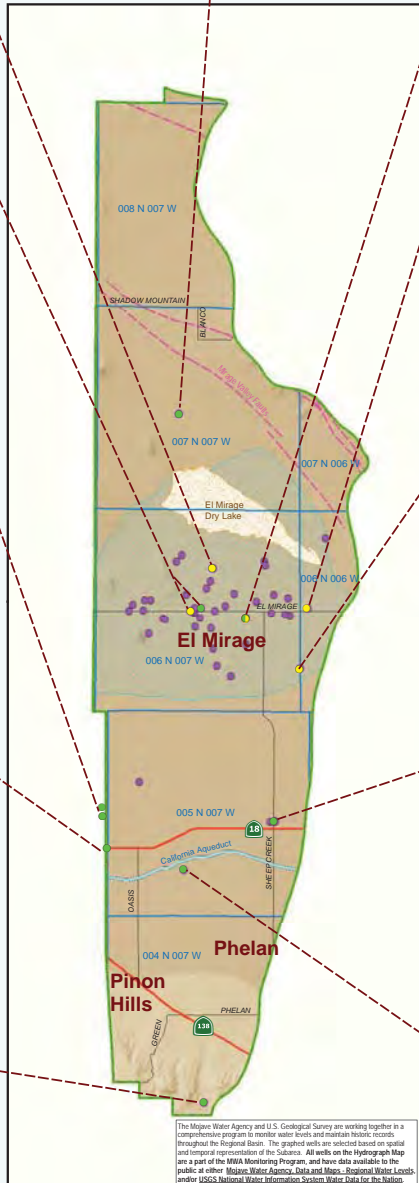
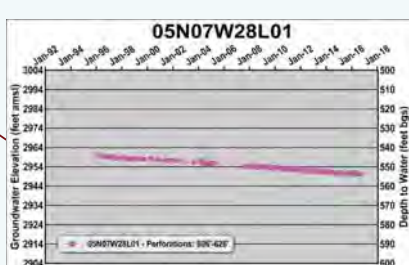
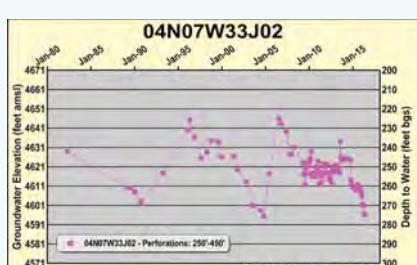
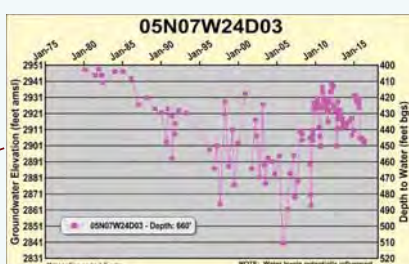
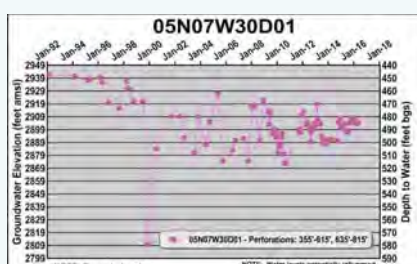
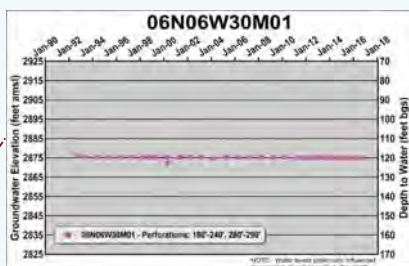
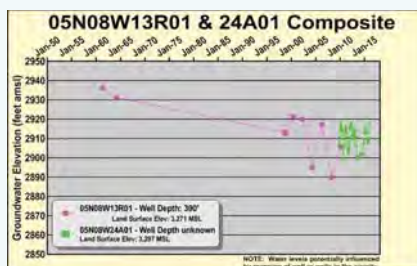
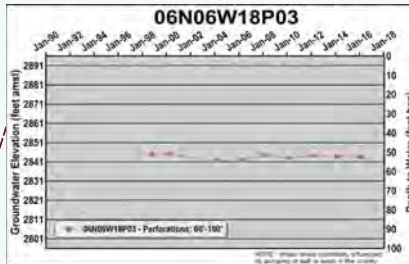
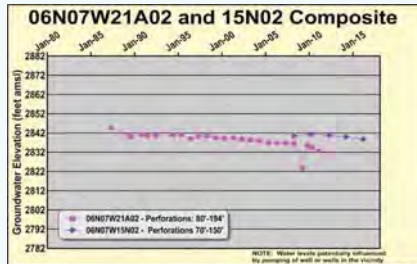
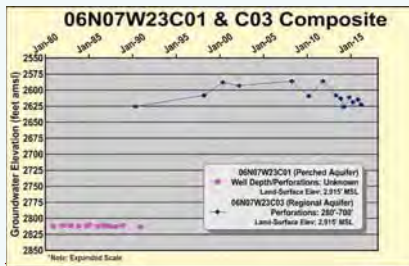
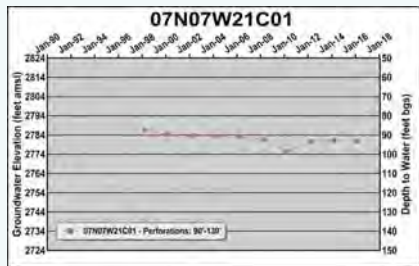
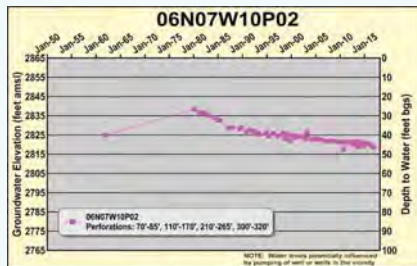


FIGURE 3-15



- 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)

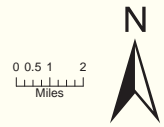


FIGURE 3-16



## **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 five 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. 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 surface flow data, estimates of subsurface flow between subareas, and imported water result in the annual change in storage calculation.

Figures 3-17 through 3-21 show the accumulated storage change annually in each Subarea. 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. 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 calculated storage change as of 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 57,000 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 of calculated storage change since 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 2016.

Conditions in Baja (Figure 3-19) have yet to stabilize since 1996. As such, optimal operating parameters have not been established. Figure 3-19, (for Baja), shows the continued overdraft and continued depletion of groundwater in storage.

Figure 3-21 (Oeste) was changed this year to reflect that water production in Oeste and water supply and outflow are roughly in balance over the past 15 years. A detailed review of the water levels in Oeste over the past several years indicates a short-term stability in some areas. In order to reflect the relatively stable water levels as indicated in the regional well hydrographs, Table 3-2 reflects “no change in storage.” (see Chapter 5 pages 36-38 for further discussion). Optimal operating parameters for Oeste have not been established.

The optimal operating parameters for Este (Figure 3-20) 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 16 years. As shown on Table 3-2, water supply for Este for 2015-16 is approximately 4,400 acre-feet, assuming annual average change in storage is approximately zero.

MWA’s 2015 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. 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 2015 UWMP. During the 19 years since Entry of Judgment, basin operating storage has ranged from a decline of approximately 3.3 years of consumptive use in Alto (189,342 acre-feet), and 3 years in Centro (55,058 acre-feet), to an increase of 3.9 years in Alto (226,489 acre-feet), and 7.4 years in Centro (137,389 acre-feet). The operating range, about 286,000 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 2015 UWMP. Since 1996, Baja has lost about 384,400 acre-feet of groundwater storage. There is concern that the Baja subarea could not sustain a continued reduction in storage.

Watermaster 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 2015-16 is shown on Table 3-2.

**TABLE 3-2**

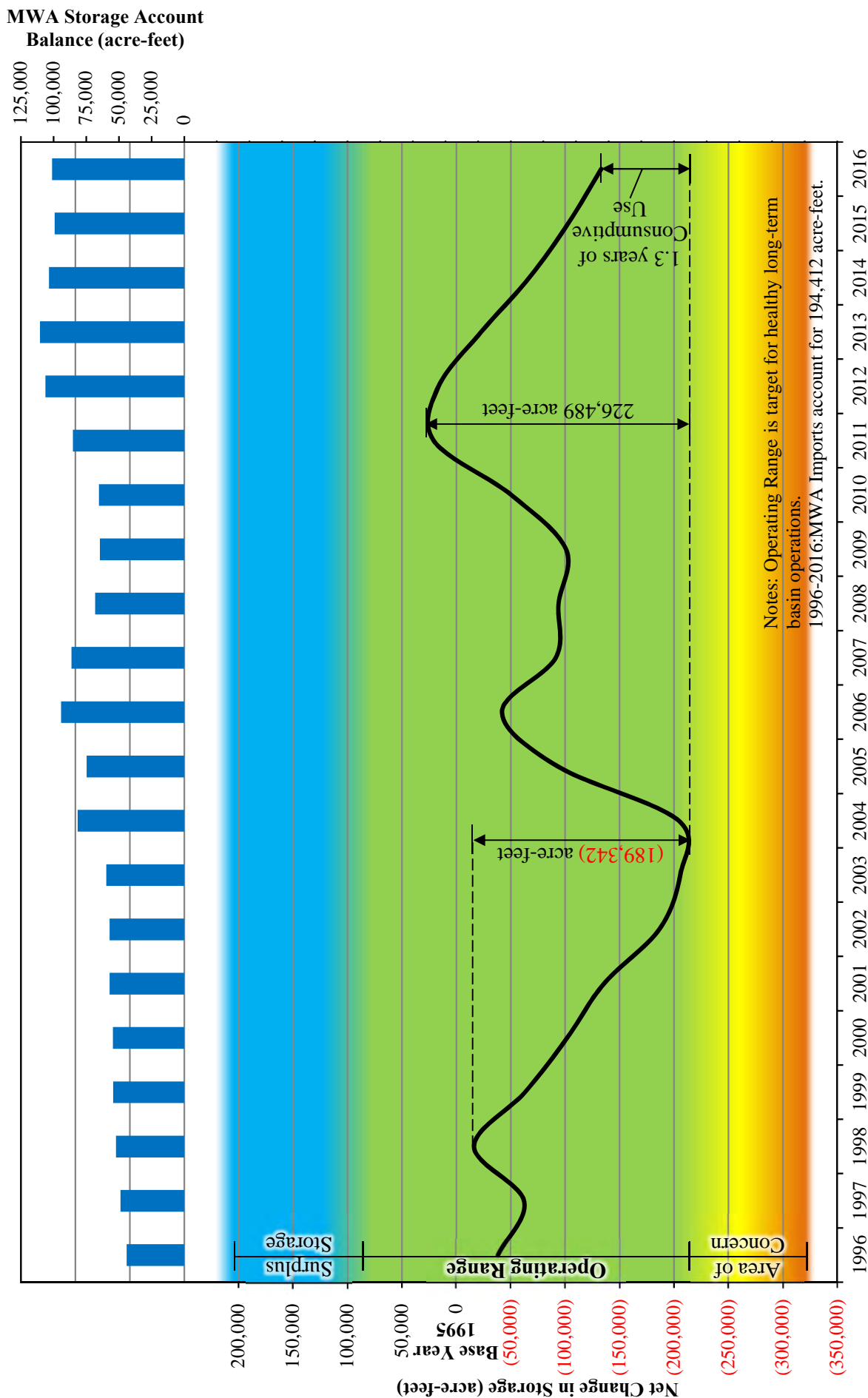
**ANNUAL CHANGE IN STORAGE BY SUBAREA  
WATER YEAR 2015-16  
(AMOUNTS IN ACRE-FEET)**

	<u>Este</u> <sup>1</sup>	<u>Oeste</u> <sup>2</sup>	<u>Alto</u>	<u>Centro</u>	<u>Baja</u>	<u>Total</u>
<b>Total Water Supply</b>	4,416	3,784	21,916	8,026	1,681	<b>39,823</b>
<b>Total Outflow and Consumptive Use</b>	4,416	3,784	52,158	20,776	31,827	<b>112,961</b>
<b>Net Change in Storage</b>	<b>0</b>	<b>0</b>	<b>(30,242)</b>	<b>(12,750)</b>	<b>(30,146)</b>	<b>(73,138)</b>

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.
2. Short term water levels indicate balance supply and demand for the past 15-20 years. This condition is unstable as population and water demand is expected to increase.

# Alto Subarea

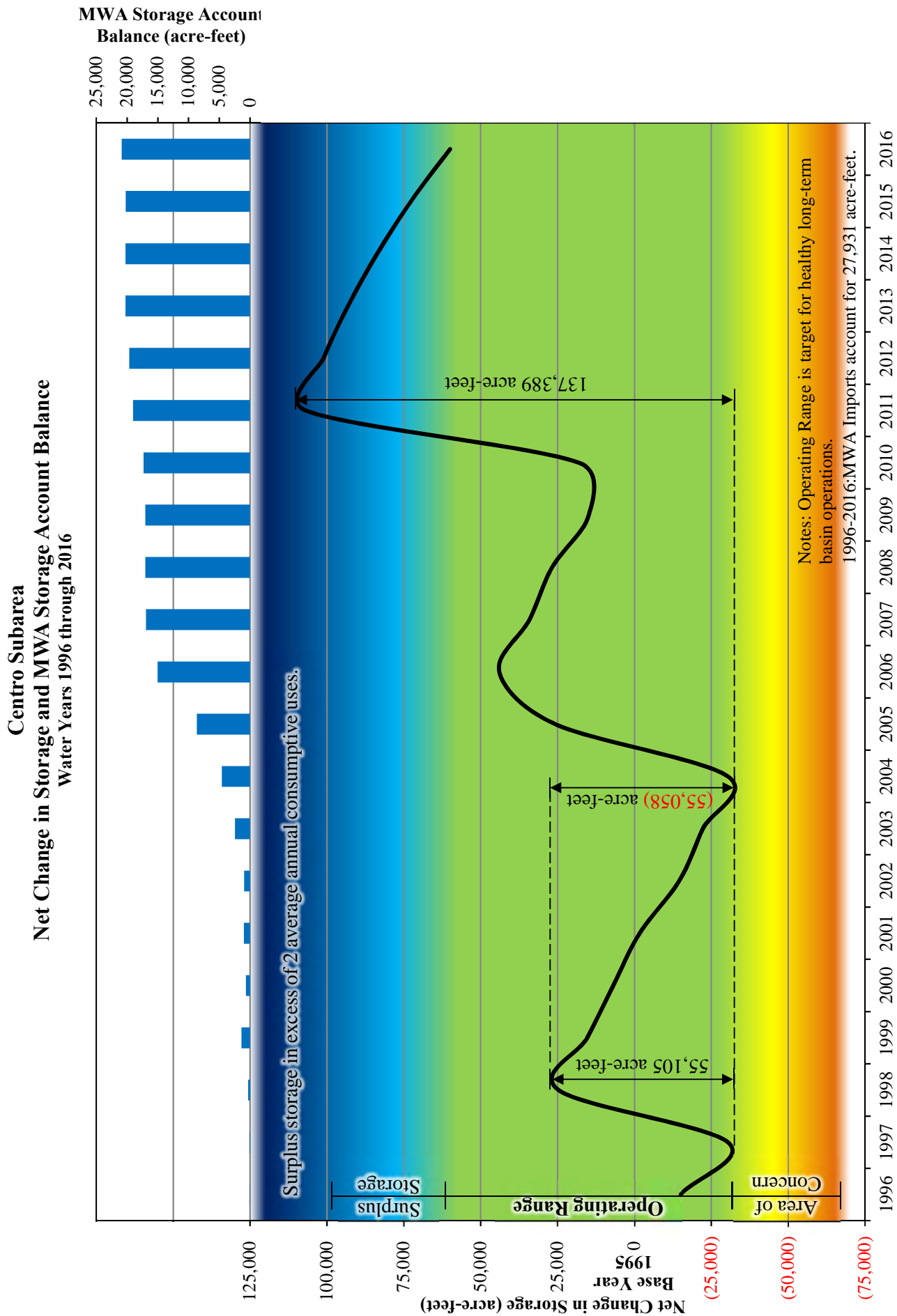
## Net Change in Storage and MWA Storage Account Balance Water Years 1996 through 2016



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 57,121 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 2012-2016 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2017.

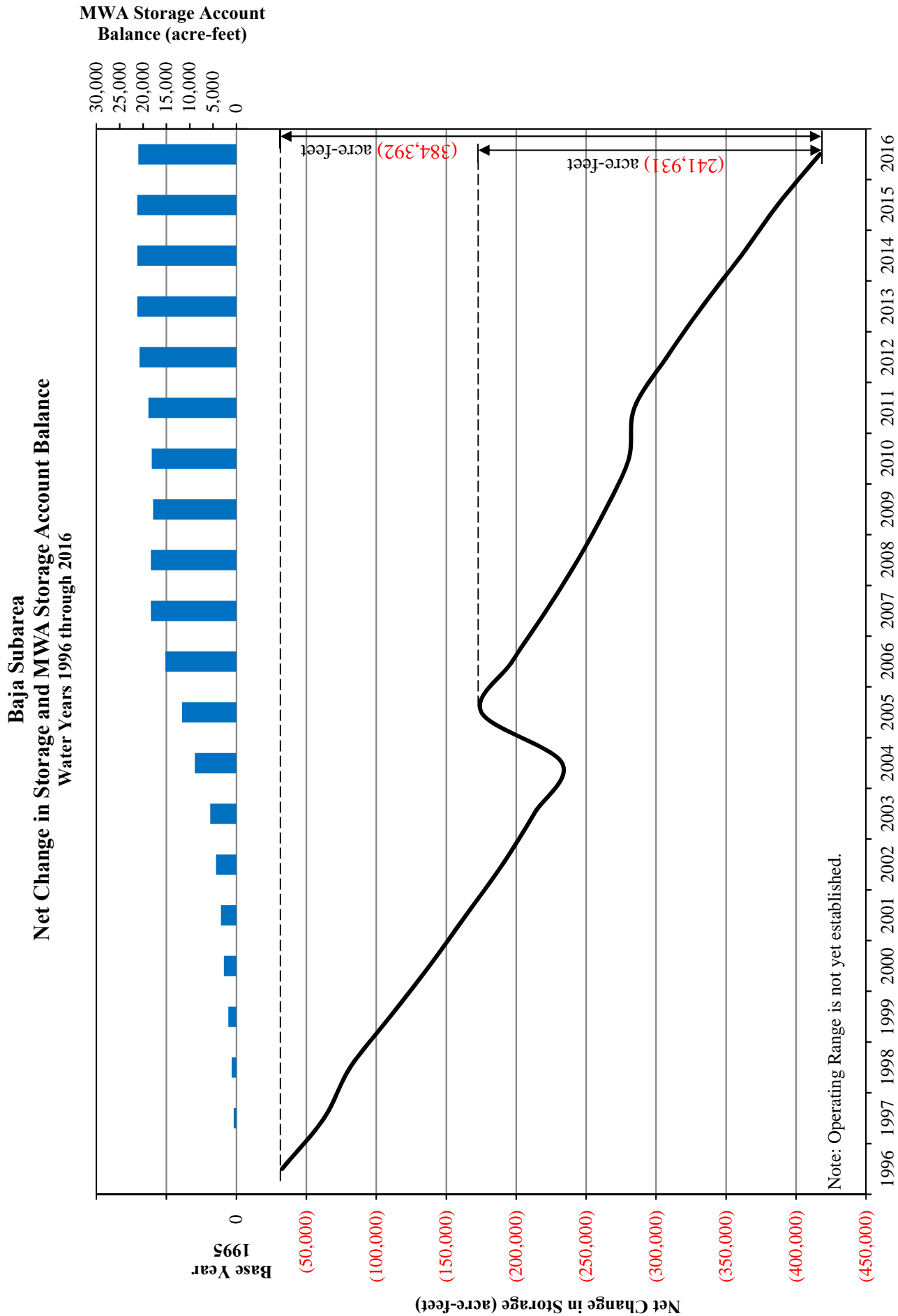
FIGURE 3-17



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 18,458 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 2012-2016 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2017.

FIGURE 3-18



Source: Consumptive Use for 1996-2011 per Robert C. Wagner, Watermaster Engineer. Consumptive Use for 2012-2016 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2017.

FIGURE 3-19



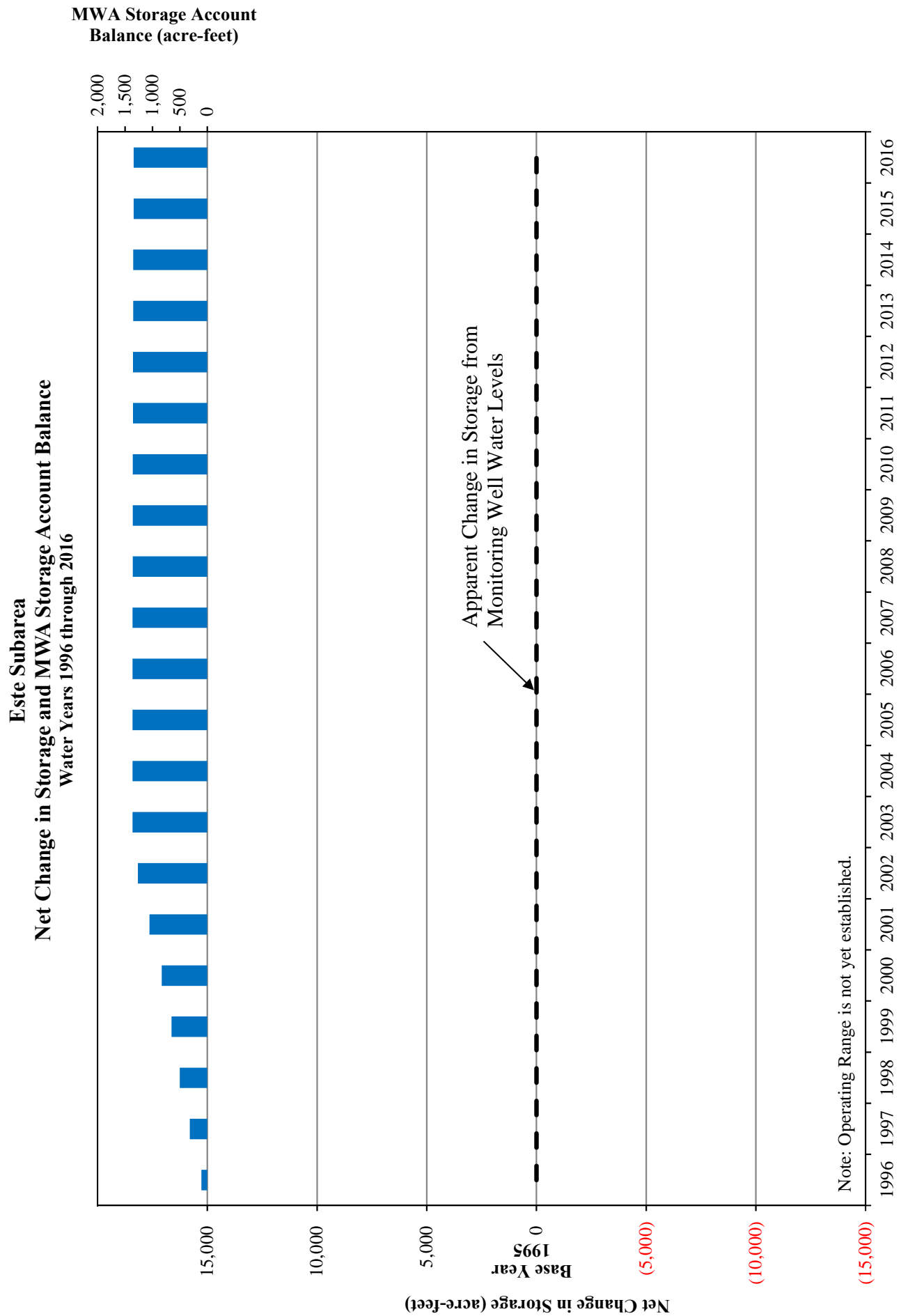


FIGURE 3-20

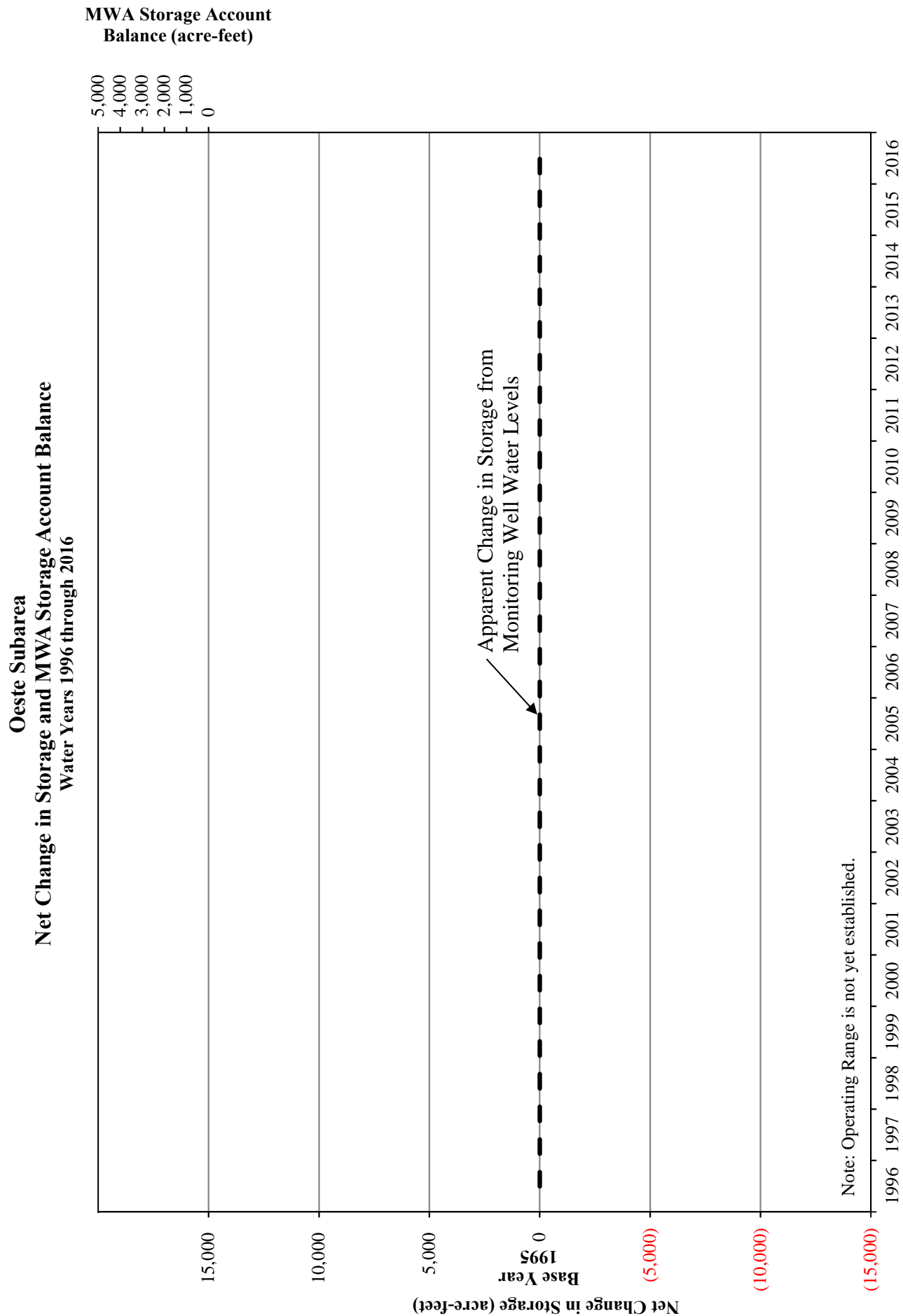


FIGURE 3-21

## **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, 2017.

#### **Replacement Water**

Each Producer's Replacement Water Obligation in each Subarea was calculated by subtracting that Producer's 2015-16 share of FPA (plus any transferred or carryover FPA) from that Producer's verified production in 2015-16. Each Producer's Replacement Water Assessment was calculated by multiplying that Producer's Replacement Water Obligation by the 2015-16 Replacement Water Assessment Rate of \$515.00 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 2015-16 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 2017. Unused FPA during 2015-16 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 2015-16 in each Subarea.

**TABLE 4-1**

**SUMMARY OF REPLACEMENT WATER OBLIGATIONS  
AND  
REPLACEMENT WATER ASSESSMENTS FOR  
WATER YEAR 2015-16**

<b><u>Subarea</u></b>	<b><u>Replacement Water Obligations</u></b> (acre-feet)	<b><u>Replacement Water Assessments</u></b>	<b><u>Unused FPA</u></b> (acre-feet)
Este	246	\$126,690.00	15,053
Oeste	618	\$318,270.00	4,520
Alto	12,877	\$6,631,655.00	21,802
Centro	233	\$119,995.00	37,365
Baja	791	\$407,365.00	24,829
<b>Total</b>	<b>14,765</b>	<b>\$7,603,975.00</b>	<b>103,569</b>

**Makeup Water**

The Base Flow determination of 4,851 acre-feet prepared by the Watermaster Engineer was presented to the Watermaster at the regularly scheduled meeting January 25, 2017. Table 4-2 summarizes the flows credited to each Subarea obligation during Water Year 2015-16, the status of each Subarea at the end of the year and each minimum obligation for Water Year 2015-16. The Makeup Obligation from the Alto Subarea to the Centro Subarea for Water Year 2015-16 is 2,447 acre-feet. Table 4-3 shows the year over year Makeup Obligation from Alto to Centro beginning in Water Year 2006-07.

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 2015-16**

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 2015-16					
Cumulative Obligation	4,400	17,600	506,000	26,400	8,800
Cumulative Flow	4,400	17,600	490,268	26,400	6,295
Net cumulative Credit (Debit)	0	0	(15,732)	0	(2,505)
Flow During 2015-16					
Base Flow	---	---	4,851	---	---
Subsurface Flow	200	800	2,000	1,200	249
Other Water	0	0	12,940	0	0
Makeup Water Purchased	<u>0</u>	<u>0</u>	<u>1,406</u>	<u>0</u>	<u>0</u>
<b>Total Flow</b>	<b>200</b>	<b>800</b>	<b>21,197</b>	<b>1,200</b>	<b>249</b>
Minimum Obligations for 2015-16	160	640	23,644	960	2,425
<b>Makeup Obligation Incurred</b>	<b>0</b>	<b>0</b>	<b>2,447</b>	<b>0</b>	<b>2,176</b>
Status at End of 2015-16					
Cumulative Obligation	4,600	18,400	529,000	27,600	9,200
Cumulative Flow	<u>4,600</u>	<u>18,400</u>	<u>511,465</u>	<u>27,600</u>	<u>6,544</u>
Net Cumulative Credit (Debit)	0	0	(17,535)	0	(2,656)
Minimum Obligation for 2016-17					
Annual Minimum	160	640	18,400	960	320
+ 1/3 of Cumulative Debit	0	0	5,845	0	885
+ Additional to reduce Cumulative Debit to Annual Obligation	0	0	0	0	1,371
Alternative Minimum for Alto <sup>1</sup>	---	---	---	---	---
<b>Minimum Obligation for 2016-17</b>	<b>160</b>	<b>640</b>	<b>24,245</b>	<b>960</b>	<b>2,576</b> <sup>2</sup>

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 2006-07 THROUGH 2015-16**

<b>Water Year</b>	<b><u>2006-07</u></b>	<b><u>2007-08</u></b>	<b><u>2008-09</u></b>	<b><u>2009-10</u></b>	<b><u>2010-11</u></b>	<b><u>2011-12</u></b>	<b><u>2012-13</u></b>	<b><u>2013-14</u></b>	<b><u>2014-15</u></b>	<b><u>2015-16</u></b>
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	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)
Flow During Water Year										
Base Flow	4,942	4,421	4,093	5,849	10,149	8,829	7,325	6,227	5,418	4,851
Subsurface Flow	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Other Water	13,067	13,385	13,609	14,525	14,825	14,674	14,310	12,898	12,926	12,940
Makeup Water Purchased	<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>	<u>1,406</u>
<b>Total Flow</b>	<b>23,017</b>	<b>22,665</b>	<b>22,908</b>	<b>25,448</b>	<b>27,539</b>	<b>25,503</b>	<b>23,635</b>	<b>21,125</b>	<b>21,857</b>	<b>21,197</b>
Minimum Obligations	25,876	25,871	25,982	26,013	25,197	23,684	22,850	22,638	23,263	23,644
<b>Makeup Obligation Incurred</b>	<b>2,859</b>	<b>3,206</b>	<b>3,074</b>	<b>565</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,513</b>	<b>1,406</b>	<b>2,447</b>
Status at End of Water Year										
Cumulative Obligation	322,000	345,000	368,000	391,000	414,000	437,000	460,000	483,000	506,000	529,000
Cumulative Flow	<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>	<u>511,465</u>
Net Cumulative Credit (Debit)	(22,412)	(22,747)	(22,839)	(20,391)	(15,852)	(13,349)	(12,714)	(14,589)	(15,732)	(17,535)
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	7,471	7,582	7,613	6,797	5,284	4,450	4,238	4,863	5,244	5,845
+ Additional to reduce Cumulative Debit to Annual Obligation	0	0	0	0	0	0	0	0	0	0
Alternative Minimum <sup>1</sup>	---	---	---	---	---	---	---	---	---	---
<b>Minimum Obligation for Next Year</b>	<b>25,871</b>	<b>25,982</b>	<b>26,013</b>	<b>25,197</b>	<b>23,684</b>	<b>22,850</b>	<b>22,638</b>	<b>23,263</b>	<b>23,644</b>	<b>24,245</b>

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

## CHAPTER 5

### FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18

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 39). 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 2015-16 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 Webb in February 2000. Also shown is the verified production for Water Year 2015-16.

<b><u>Subarea</u></b>	<b><u>Base Annual Production</u></b>	<b><u>2016-17 FPA</u></b>	<b><u>Production Safe Yield</u></b>	<b><u>Percent Difference<sup>1</sup></u></b>	<b><u>2015-16 Verified Production</u></b>
Alto	116,412	72,851	69,862	2.6%	66,831
Baja	66,157	31,080	20,679	15.7%	28,277
Centro	51,030	41,155	33,375	15.2%	19,195
Este	20,205	16,376	7,156	45.6%	4,268
Oeste	7,095	5,726	4,052	23.6%	3,584

<sup>1</sup>This 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 2017-18.

<b><u>Subarea</u></b>	<b><u>2017-18 FPA Recommendation</u></b>
Alto - Agriculture	80% of BAP
Alto - Municipal & Industrial	60% of BAP
Baja	40% of BAP
Centro	80% of BAP
Este <sup>2</sup>	80% of BAP
Oeste - Agriculture	80% of BAP
Oeste - Municipal & Industrial <sup>3</sup>	60% of BAP

1. FPA to be set at 80% of Base Annual Production for the 2017-18 Water Year. The Este Subarea may be subject to future Rampdown to 65% immediately if water use conditions change.
2. FPA to be set at 80% of BAP for Agriculture and 60% of BAP for Municipal and Industrial Producers for 2017-18 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.

#### **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 showing signs of decline in some areas over the last 3-4 years due to drought conditions and limited available recharge either natural or imported. However, the Transition Zone water levels continue to show stability. As water production in Alto has adjusted due to conservation, the water level declines are unlikely related to over-pumping relative to long-term average supply and demand. Water production was 77,631 acre-feet in 2013-14, 68,002 in 2014-15, and 66,831 in 2015-16. For perspective water production in 2015-16 (66,831 acre-feet) is 76.3% of water production in 1995-96 (87,575 acre-feet).

We expect that as water supply conditions improve water levels should again stabilize or begin to rise to the higher levels seen in the recent past. Conservation, importation of State Water Project water, MWA's R-cubed program, and implementation of the Judgment appear to have



resulted in hydrologic balance in Alto. Under the conditions existing at this time, Rampdown is unnecessary. The water supply conditions in the Alto Subarea are still considered 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. We note this year, that in order to continue sustainability for the future, additional Rampdown may be needed. We also note that Rampdown should be considered proactive in order to allow time to acquire and recharge supplemental water if needed.

### **Baja – 40% 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 exceed the available recharge. As reported to the Court in 2016, 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. The Baja Subarea has lost 354,000 acre-feet of groundwater storage since 1996 (Watermaster Annual Report 2016).

As previously reported to the Court, Watermaster expects to recommend additional Rampdown beyond the current year recommendation, to 35% (2018-19), and pause, to ascertain

whether or not water levels in Baja stabilize. Water supply conditions in Baja remain critical as pumping is greater than long-term average recharge.

### **Centro – 80% of BAP**

It recommended that FPA in Centro remain 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 (4,268 acre-feet) was about 28.9% 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 and MWA Water Resources, and USGS are currently in discussion to complete a numerical groundwater model for the Lucerne Valley area and use the model to estimate the water supply and outflow to and from the Este Subarea. If the project moves forward we expect to have preliminary results for presentation in 2018.

### **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:

FPA shall remain at 80% of BAP for Agricultural Producers and at 60% of BAP for Municipal and Industrial (M&I) Producers for 2016-17. Implementation of the reduction to 60% for M&I producers, however, will be held in abeyance until water production in Oeste, excluding production from Well 14, exceeds 3,921 acre-feet.

The Court also wrote:

“When considering the Watermaster proposal for 2017-18, the Court will be willing to reconsider its 2014 ruling that the trigger for instituting further

Rampdown for M&I produces in this Region should be held in abeyance until production in Oeste, excluding Well 14, exceeds a specified amount, and may entertain, if proposed by Watermaster, the Watermaster's prior proposal that Rampdown be instituted based on overall production affecting Oeste, including production from Well 14."

PPHCSD pumped 796 acre-feet from Well 14, located in LA County in 2015-16. 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 subject to the Mojave Adjudication), and Well 14 collectively pumped 1,402 acre-feet in 2015-16.

The Court in the Antelope litigation ruled that PPHCSD did not have a water right to the water in 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. Replacement water paid to Antelope Valley Watermaster by PPHCSD may not benefit the Oeste Subarea. The Antelope Court's decision is currently on 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 evaluating the water level data obtained from the transducers.

A detailed review of the water levels in Oeste over the past several years indicates a short-term stability in some areas. Water production in Oeste has declined since 1994 from about 7,000 acre-feet to about 4,300 acre-feet (including well 14). The declining water production and short-term water level stability indicates a short-term equilibrium. During this period of time (15-20 years) recharge and discharge are indicated to be roughly equal. Population in Oeste is expected to increase from 11,299 in 2015 to 24,018 in 2060 (Beacon Economics, December, 2015) and corresponding water production is expected to increase to about 7,500 acre-feet. Assuming the

recent trend in water levels represents equilibrium between water production and average supply in the short-term, the equilibrium is unstable meaning water levels will fall as demands increase, or if below average water supply conditions persist.

In order to develop and implement a long-term plan as directed by the Court in 2015, it will be necessary to install recharge basins in Oeste, conveyance to deliver water to the recharge basins, agreements with the Antelope Valley Watermaster regarding the purchase and disposition of obligations to PPHCSD for Supplemental Water, and will likely involve future Rampdown to ensure sustainability in Oeste. The Antelope Valley Watermaster has recently been organized. There have been discussions between staff of the two Watermasters but specific discussions about Oeste have not taken place. We believe that we will be able to confer and develop a plan to deal with pumping, monitoring, and recharge in the Oeste Subarea in the near future.

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 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 excluding well 14; 4) short-term but unstable equilibrium indicated over the past 15-20 years; 5) The production last year was 4,380 acre-feet including Well 14 which exceeds the trigger amount.

It is recommended that we continue with the current Court Order for 2017-18, but advise that Rampdown is likely to be implemented as early as 2018-19 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)**

<b>WATER SUPPLY</b>	<b><u>Este</u></b>	<b><u>Oeste</u></b>	<b><u>Alto</u></b>	<b><u>Centro</u></b>	<b><u>Baja</u></b>	<b><u>Basin Totals</u></b>
Surface Water Inflow						
Gaged	0	0	65,000	0	0	65,000
Ungaged	1,700	1,500	3,000	37,300 <sup>1</sup>	14,300 <sup>2</sup>	6,500 <sup>3</sup>
Subsurface Inflow	0	0	1,000	2,000	1,200	0 <sup>4</sup>
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>
<b>TOTAL</b>	<b>3,700</b>	<b>1,500</b>	<b>74,000</b>	<b>39,300</b>	<b>15,600</b>	<b>78,600</b>
<b>CONSUMPTIVE USE AND OUTFLOW</b>						
Surface Water Outflow						
Gaged	0	0	0	0	8,200	8,200
Ungaged	0	0	37,300 <sup>1</sup>	14,000 <sup>5</sup>	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 <sup>6</sup>
Exports	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>TOTAL</b>	<b>8,900</b>	<b>4,900</b>	<b>97,000</b>	<b>45,900</b>	<b>49,600</b>	<b>150,800</b>
 Surplus / (Deficit)	 (5,200)	 (3,400)	 (23,000)	 (6,600)	 (34,000)	 (72,200)
Total Estimated Production (Current Year) <sup>7</sup>	<u>15,700</u>	<u>7,600</u>	<u>98,900</u>	<u>46,500</u>	<u>54,300</u>	<u>223,000</u>
 <b>PRODUCTION SAFE YIELD (Current Year) <sup>7</sup></b>	 <b>10,500</b>	 <b>4,200</b>	 <b>75,900</b>	 <b>39,900</b>	 <b>20,300</b>	 <b>150,800</b>

<sup>1</sup> Estimated from reported flows at USGS gaging station, Mojave River at Victorville Narrows.

<sup>2</sup> 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.

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

<sup>4</sup> Inter subarea subsurface flows do not accrue to the total basin water supply.

<sup>5</sup> Estimated from reported flows at USGS gaging station, Mojave River at Barstow.

<sup>6</sup> Estimated by Bookman-Edmonston.

<sup>7</sup> 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)

<b>WATER SUPPLY</b>	<b><u>Este</u></b>	<b><u>Oeste</u></b>	<b><u>Alto</u></b>	<b><u>Centro</u></b>	<b><u>Baja</u></b>	<b><u>Basin Totals</u></b>
Surface Water Inflow						
Gaged	0	0	65,500	0	0	65,500
Ungaged	1,700	1,500	3,600	34,700 <sup>1</sup>	14,400 <sup>2</sup>	7,200 <sup>3</sup>
Subsurface Inflow	0	0	1,175	2,000	1,200	0 <sup>4</sup>
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
<b>TOTAL</b>	<b>4,330</b>	<b>1,500</b>	<b>75,395</b>	<b>36,700</b>	<b>15,700</b>	<b>80,550</b>
<b>CONSUMPTIVE USE AND OUTFLOW</b>						
Surface Water Outflow						
Gaged	0	0	0	0	8,200	8,200
Ungaged	0	0	34,700 <sup>1</sup>	14,000 <sup>5</sup>	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 <sup>6</sup>	2,200	1,300	40,700	8,500	7,900	60,600
Phreatophytes	0	0	11,000	3,000	2,000	16,000 <sup>7</sup>
Exports	0	0	0	0	0	0
<b>TOTAL</b>	<b>6,925</b>	<b>3,950</b>	<b>96,300</b>	<b>39,700</b>	<b>38,900</b>	<b>132,700</b>
Surplus / (Deficit)	(2,595)	(2,450)	(20,905)	(3,000)	(23,200)	(52,150)
Total Estimated Production (Current Year) <sup>8</sup>	9,751	6,502	90,767	36,375	43,879	187,274
<b>PRODUCTION SAFE YIELD (Current Year) <sup>9</sup></b>	<b>7,156</b>	<b>4,052</b>	<b>69,862</b>	<b>33,375</b>	<b>20,679</b>	<b>135,124</b>

<sup>1</sup> Estimated from reported flows at USGS gaging station, Mojave River at Victorville Narrows.

<sup>2</sup> 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.

<sup>3</sup> 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).

<sup>4</sup> Inter subarea subsurface flows do not accrue to the total basin water supply.

<sup>5</sup> From reported flows at USGS gaging station, Mojave River at Barstow.

<sup>6</sup> Includes consumptive use of "Minimals Pool".

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

<sup>8</sup> 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.

<sup>9</sup> 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 2015-16 IMPORTS AND CONSUMPTIVE USE**  
(ALL AMOUNTS IN ACRE-FEET)

<b>WATER SUPPLY</b>	<b><u>Este</u></b>	<b><u>Oeste</u></b>	<b><u>Alto</u></b>	<b><u>Centro</u></b>	<b><u>Baja</u></b>	<b><u>Basin Totals</u></b>
Surface Water Inflow						
Gaged	0	0	65,500	0	0	65,500
Ungaged	1,700	1,500	3,600	34,700 <sup>1</sup>	17,153 <sup>2</sup>	7,547 <sup>3</sup>
Other Ungaged	0	0	0	0	205 <sup>4</sup>	205
Subsurface Inflow	0	0	1,000	2,000	1,581 <sup>5</sup>	0 <sup>6</sup>
Deep Percolation of Precipitation	0	0	3,500	0	100	3,600
Imports						
Replacement Water Deliveries	0	0	5	0	0	5
Water Storage Accounts <sup>7</sup>	0	0	318	0	0	318
Lake Arrowhead CSD	0	0	758	0	0	758
Big Bear Area RWA	2,134	0	0	0	0	2,134
<b>TOTAL</b>	<b>3,834</b>	<b>1,500</b>	<b>74,681</b>	<b>36,700</b>	<b>19,039</b>	<b>80,067</b>
<b>CONSUMPTIVE USE AND OUTFLOW</b>						
Surface Water Outflow						
Gaged	0	0	0	0	5,611 <sup>8</sup>	5,611
Ungaged	0	0	34,700 <sup>1</sup>	16,406 <sup>9</sup>	0	0
Subsurface Outflow	200	800	2,000	1,581	0	0
Consumptive use						
Agriculture	3,000	1,200	400	6,000	15,300	25,900
Urban <sup>10</sup>	1,700	900	37,100	6,100	4,400	50,200
Phreatophytes	0	0	11,000	3,000	2,000	16,000 <sup>11</sup>
Exports	0	0	0	0	0	0
<b>TOTAL</b>	<b>4,900</b>	<b>2,900</b>	<b>85,200</b>	<b>33,087</b>	<b>27,311</b>	<b>97,711</b>
Surplus / (Deficit)	(1,066)	(1,400)	(10,519)	3,613	(8,272)	(17,644)
Total Estimated Production (Current Year) <sup>12</sup>	5,222	3,822	70,047	20,748	30,455	130,294
<b>PRODUCTION SAFE YIELD (Current Year) <sup>13</sup></b>	<b>4,156</b>	<b>2,422</b>	<b>59,528</b>	<b>24,361</b>	<b>22,183</b>	<b>112,650</b>

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 2015-16 Water Year. Included in the production values are the estimated minimal producer's water use by Subarea. Total Basin Agriculture is 39,353 af and Total Basin Urban is 90,941 af (includes sequential uses by Jess Ranch of 1,112 af).

13 For 2015-16 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>2015</u>	<u>2016</u>
Operating Revenue	\$ 2,887,177.00	\$ 551,855.00
Operating Expenses	2,739,385.00	597,655.00
Non-operating Revenue (Expense)		
Investment Earnings	2,384.00	30,340.00
Miscellaneous	(118,536.00)	0.00
<b>Change in Net Assets</b>	<b>\$ 31,640.00</b>	<b>\$ (15,460.00)</b>

The Auditor's Report for Fiscal Year 2015-16 ending June 30, 2016 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, 2016 was \$539,681.00.

#### Administrative Budget for 2017-18

The Administrative Budget for 2017-18 is \$503,373 and is shown on Table 6-1.

#### Summary of Makeup Water Purchases

The Watermaster purchased 4 acre-feet of Makeup water during the 2015-16 Water Year for the Centro Subarea.



### **Summary of Replacement Water Purchases**

Replacement water purchases by Watermaster during 2015-16 are as follows:

Alto <sup>1</sup>	1,030	acre-feet
Baja	234	acre-feet
Centro	0	acre-feet
Este	0	acre-feet
Oeste	0	acre-feet
<b>Total</b>	<b>1,264</b>	<b>acre-feet</b>

<sup>1</sup> 318 acre-feet of Alto Replacement water was pre-purchased under the MWA Claim Program. 708 acre-feet was pre-stored under a storage agreement.

### **Administrative and Biological Assessment Rates for 2017-18**

The Administrative and Biological Assessment Rates for 2017-18 adopted by the Watermaster on March 22, 2017 are as follows:

Administrative	\$ 3.55 per acre-foot of Production
Biological Resources	\$ 0.91 per acre-foot of Production

### **Projected Replacement and Makeup Water Assessment Rates for 2016-17 and 2017-18**

The Replacement and Makeup Water Assessment Rates projected by the Watermaster on March 22, 2017 are as follows:

#### Replacement and Makeup Water Rate

2016-17	<i>Not to Exceed</i> \$565.00 per acre-foot <sup>1</sup> (Invoice Date 6-1-2018)
2017-18	\$585.00 per acre-foot (projected) <sup>2</sup> (Invoice Date 6-1-2019)

<sup>1</sup> This rate is 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.

<sup>2</sup> This is a projected rate for obligations incurred in the 2017-18 Water Year which will be billed in June 2019. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency in February 2019.

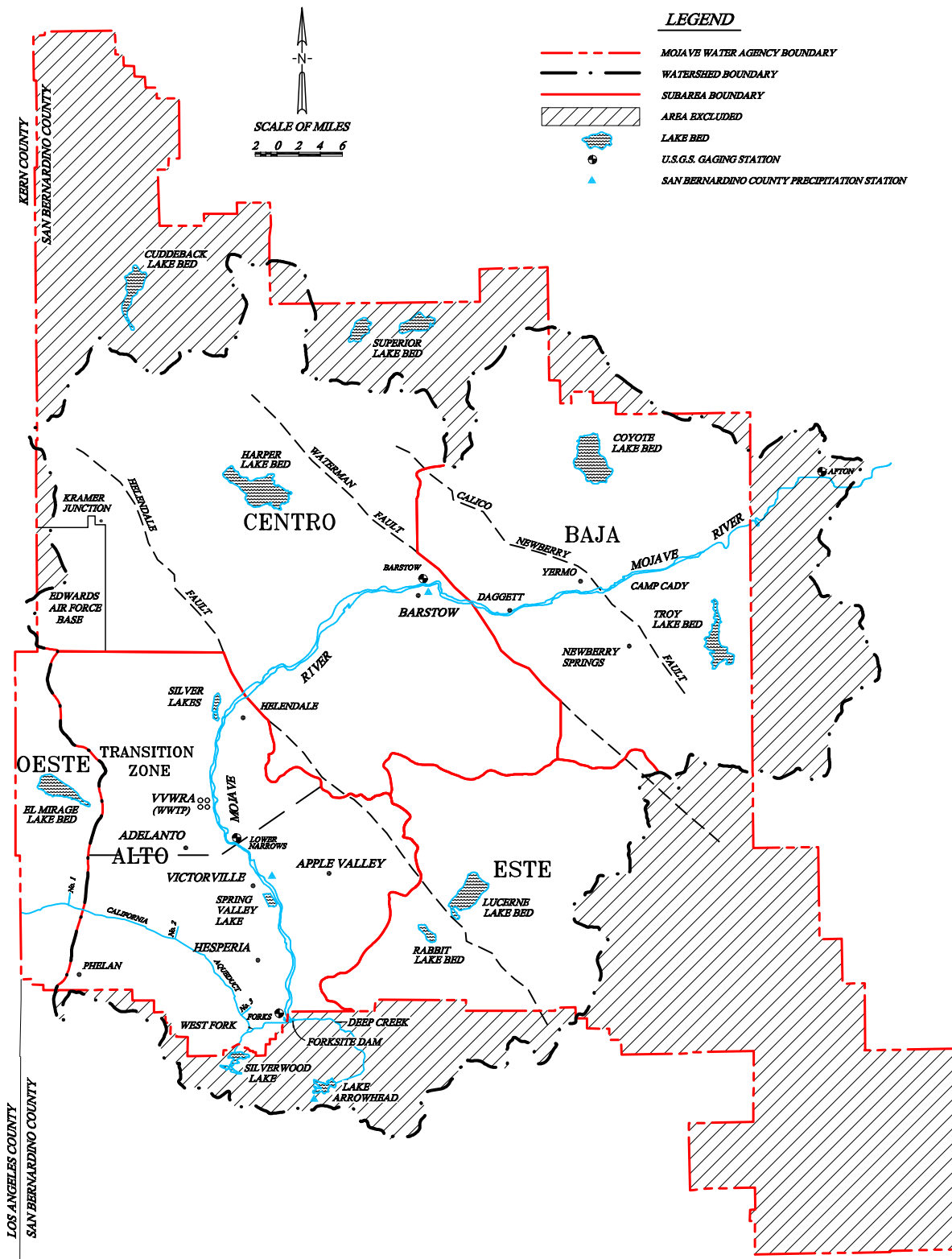
**TABLE 6-1**

**MOJAVE BASIN AREA WATERMASTER  
ADMINISTRATIVE BUDGET  
FOR WATER YEAR 2017-18**

1.	Administrative Services	\$ 316,373.00
2.	Engineering Services	\$ 73,500.00
3.	Legal Services	\$ 110,000.00
4.	Audit Services	\$ 3,500.00
<b>Total Estimated Budget</b>		<b><u>\$ 503,373.00</u></b>

## **APPENDIX A**

### **MAP OF THE MOJAVE BASIN AREA**



## **APPENDIX B**

### **PRODUCER REPLACEMENT WATER AND MAKEUP WATER OBLIGATIONS**

#### **AND ASSESSMENTS DUE FOR 2015-16**

APPENDIX B

MARCH 22, 2017

PRODUCER REPLACEMENT WATER  
AND  
MAKEUP WATER OBLIGATIONS  
AND  
ASSESSMENTS DUE FOR 2015-16  
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ESTE SUBAREA

PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	PRODUCTION			REPLACEMENT			MAKEUP		
				2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>		WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	WATER OBLIGATION	WATER \$515.00/AF	WATER N/A	TOTAL			
													2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>	
ABDUL, HARRY AND ANITA	194	156	156	0	0	312	4	156	0	4	0.00	0.00	0.00	0.00	
ABSHIRE, DAVID V.	24	20	20	0	0	40	5	20	0	5	0.00	0.00	0.00	0.00	
AHN REVOCABLE LIVING TRUST	0	0	0	0	0	0	31	0	31	0	0.00	15,965.00	0.00	15,965.00	
AHN REVOCABLE TRUST	28	23	14	0	0	37	16	21	0	16	0.00	0.00	0.00	0.00	
AHN, CHUN SOO AND DAVID (FORMERLY: HARVEY, LISA M.)	400	320	0	0	0	320	0	320	0	0	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	269	0	0	728	11	459	0	11	0.00	0.00	0.00	0.00	
BAR H MUTUAL WATER COMPANY	53	43	43	0	0	86	29	43	0	29	0.00	0.00	0.00	0.00	
BELL, CHUCK	494	396	395	0	0	791	337	396	0	337	0.00	0.00	0.00	0.00	
BRACHT, WILLIAM F. AND ALEXANDER, ALICIA M.	50	40	40	0	0	80	38	40	0	38	0.00	0.00	0.00	0.00	
CAMPBELL FAMILY TRUST	0	0	391	(391)	0	0	0								
CASA COLINA FOUNDATION	90	72	35	0	0	107	56	51	0	56	0.00	0.00	0.00	0.00	
CENTER WATER COMPANY	40	32	26	0	0	58	20	32	0	20	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	
DACOSTA, DEAN EDWARD (FORMERLY: VIROSTECK, STEVE AND JULIE)	56	45	0	45	0	90	2	45	0	2	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	1	0	0	13	19	0	6	13	0.00	3,090.00	0.00	3,090.00	
DESERT SPRINGS MUTUAL WATER COMPANY	78	63	63	0	0	126	49	63	0	49	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	1,008	0	0	2,208	490	1,200	0	490	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	
GARDENA MISSION CHURCH, INC.	0	0	0	0	0	0	1	0	1	0	0.00	515.00	0.00	515.00	
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	114	143	0	114	0.00	0.00	0.00	0.00	
GORDON ACRES WATER COMPANY	54	44	44	0	0	88	18	44	0	18	0.00	0.00	0.00	0.00	
GUBLER, HANS	30	24	24	0	0	48	13	24	0	13	0.00	0.00	0.00	0.00	
HAL-DOR LTD.	23	19	19	0	0	38	18	19	0	18	0.00	0.00	0.00	0.00	
HARVEY, LISA M.	300	240	560	0	0	800	0	240	0	0	0.00	0.00	0.00	0.00	
HERT, SCOTT	276	221	221	0	0	442	173	221	0	173	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	442	354	354	0	0	708	161	354	0	161	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	91	(64)	0	141	105	36	0	105	0.00	0.00	0.00	0.00	
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	30	0	32	0	62	66	0	4	62	0.00	2,060.00	0.00	2,060.00	

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ESTE SUBAREA

PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>							WATER	WATER		
												\$515.00/AF	N/A		
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	36	44	0	36	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	14	0	0	31	18	13	0	18	0.00	0.00	0.00	0.00	
M.B. LANDSCAPING AND NURSERY, INC.	1,773	1,419	1,419	(81)	0	2,757	1,406	1,351	0	1,406	0.00	0.00	0.00	0.00	
MITSUBISHI CEMENT CORPORATION	1,395	1,116	1,116	(66)	0	2,166	373	1,116	0	373	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	
OASIS WORLD MISSION	0	0	0	0	0	0	26	0	26	0	0.00	13,390.00	0.00	13,390.00	
OMYA CALIFORNIA, INC.	23	19	3	0	0	22	19	3	0	19	0.00	0.00	0.00	0.00	
PAK, KAE SOO AND MYONG HUI KANG	247	198	198	0	0	396	56	198	0	56	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	103	400	0	103	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	77	0	77	0	0.00	39,655.00	0.00	39,655.00	
ROYAL WAY	200	160	160	0	0	320	43	160	0	43	0.00	0.00	0.00	0.00	
S AND E 786 ENTERPRISES, LLC (FORMERLY: CAMPBELL FAMILY TRUST)	597	478	0	391	0	869	0	478	0	0	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	58	0	26	32	0.00	13,390.00	0.00	13,390.00	
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	51	112	0	51	0.00	0.00	0.00	0.00	
SPECIALTY MINERALS, INC.	42	34	0	0	0	34	38	0	4	34	0.00	2,060.00	0.00	2,060.00	
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	7	0	0	15	0	8	0	0	0.00	0.00	0.00	0.00	
VIROSTECK, STEVE AND JULIE	0	0	45	(45)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
WEISER, ET AL.	90	72	0	0	0	72	143	0	71	72	0.00	36,565.00	0.00	36,565.00	
WEST END MUTUAL WATER COMPANY	30	24	24	0	0	48	9	24	0	9	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	14,678	(206)	0	29,894	4,268	15,053	246	4,022	0.00	126,690.00	0.00	126,690.00	

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OESTE SUBAREA

PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$515.00/AF	MAKEUP WATER N/A	TOTAL
				2014-15	2015-16									
				CARRYOVER <sup>3</sup>	FPA <sup>4</sup>									
AEROCHEM, INC.	660	528	528	0	0	1,056	12	528	0	12	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	26	77	0	26	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	414	0	0	1,382	2,000	0	618	1,382	0.00	318,270.00	0.00	318,270.00
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 10)	4,680	3,744	3,744	0	0	7,488	1,539	3,744	0	1,539	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	6	90	0	6	0.00	0.00	0.00	0.00
TOTAL	6,857	5,488	4,934	0	0	10,422	3,584	4,520	618	2,966	0.00	318,270.00	0.00	318,270.00



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PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	PRODUCTION SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$515.00/AF	MAKEUP WATER \$515.00/AF	TOTAL	
				2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>										
ABBOTT, CARRON	12	10	8	(8)	0	10	0	10	0	0	0.00	0.00	0.00	0.00	
ADELANTO, CITY OF	4,366	2,620	0	0	758	3,378	4,136	0	758	3,378	151.62	390,370.00	78,084.30	468,454.30	
ADES, JOHN AND DEVON	37	30	25	0	0	55	5	30	0	5	0.22	0.00	113.30	113.30	
AGCON, INC.	384	231	48	(48)	0	231	154	77	0	154	6.91	0.00	3,558.65	3,558.65	
AMERICAN STATES WATER COMPANY	1,000	600	600	(596)	(4)	600	0	596	0	0	0.00	0.00	0.00	0.00	
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	101	17	(10)	0	108	83	25	0	83	3.73	0.00	1,920.95	1,920.95	
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	75	0	0	0	75	99	0	24	75	3.37	12,360.00	1,735.55	14,095.55	
APPLE VALLEY UNIFIED SCHOOL DISTRICT	0	0	0	0	0	0	2	0	2	0	0.00	1,030.00	0.00	1,030.00	
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	22	0	0	0	22	23	0	1	22	0.99	515.00	509.85	1,024.85	
APPLE VALLEY, TOWN OF	1,082	650	257	(191)	0	716	443	273	0	443	19.88	0.00	10,238.20	10,238.20	
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	111	0	0	(111)	0	0	0	0	0	0.00	0.00	0.00	0.00	
BASS TRUST, NEWTON T.	514	412	410	0	0	822	2	412	0	2	0.09	0.00	46.35	46.35	
BASTIANON REVOCABLE TRUST	77	62	61	(61)	0	62	1	61	0	1	0.04	0.00	20.60	20.60	
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	800	640	528	(528)	0	640	26	614	0	26	1.17	0.00	602.55	602.55	
BROWN, BOBBY G. AND VALERIA R.	42	34	34	(34)	0	34	2	32	0	2	0.09	0.00	46.35	46.35	
BROWN, JENNIFER	41	33	28	(28)	0	33	5	28	0	5	0.22	0.00	113.30	113.30	
BRUNEAU, KAREN	10	8	8	0	0	16	3	8	0	3	0.13	0.00	66.95	66.95	
BRYANT, IAN	29	24	24	(24)	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	0.09	0.00	46.35	46.35	
CALMAT COMPANY	25	15	11	(11)	0	15	4	11	0	4	0.18	0.00	92.70	92.70	
CALPORTLAND COMPANY - AGRICULTURE (FORMERLY: RIVERSIDE CEMENT COMPANY - AGRICULTURE)	643	515	0	0	(96)	419	0	419	0	0	0.00	0.00	0.00	0.00	
CALPORTLAND COMPANY - ORO GRANDE PLANT (FORMERLY: RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT)	2,809	1,686	0	0	0	1,686	304	1,382	0	304	13.64	0.00	7,024.60	7,024.60	
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	1,265	0	0	0	1,265	1,649	0	384	1,265	56.78	197,760.00	29,241.70	227,001.70	
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	1,307	0	407	900	40.40	209,605.00	20,806.00	230,411.00	
CUNNINGHAM, JERRY	14	12	27	(27)	0	12	0	12	0	0	0.00	0.00	0.00	0.00	
DAILY, DAVID O. AND ELIZABETH (SEE NOTE 12)	0						322								
DOLCH, ROBERT AND JUDY	100	80	76	(76)	0	80	4	76	0	4	0.18	0.00	92.70	92.70	
DORA LAND, INC.	15	12	12	(12)	0	12	0	12	0	0	0.00	0.00	0.00	0.00	
ELISABELLA, LLC	0	0	52	(52)	0	0	0	0	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	0.04	0.00	20.60	20.60	

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PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$515.00/AF	MAKEUP WATER \$515.00/AF	TOTAL	
				2014-15	2015-16										
				CARRYOVER <sup>3</sup>	FPA <sup>4</sup>										
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	0.04	0.00	20.60	20.60	
FISHER TRUST, JEROME R.	633	507	441	(441)	0	507	0	507	0	0	0.00	0.00	0.00	0.00	
FITZWATER, R. E. (SEE NOTE 12)	291						1								
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	0	0	4	568	871	0	303	568	25.49	156,045.00	13,127.35	169,172.35	
GREEN ACRES ESTATES	25	15	15	0	0	30	5	15	0	5	0.22	0.00	113.30	113.30	
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	13	(13)	0	16	8	8	0	8	0.36	0.00	185.40	185.40	
HAMILTON FAMILY TRUST	108	87	75	(75)	0	87	12	75	0	12	0.54	0.00	278.10	278.10	
HELENDALE COMMUNITY SERVICES DISTRICT	3,707	2,225	786	(781)	(250)	1,980	1,486	494	0	1,486	66.70	0.00	34,350.50	34,350.50	
HELENDALE SCHOOL DISTRICT	18	11	11	0	0	22	5	11	0	5	0.22	0.00	113.30	113.30	
HESPERIA - GOLF COURSE, CITY OF	678	407	0	0	0	407	477	0	70	407	18.27	36,050.00	9,409.05	45,459.05	
HESPERIA VENTURE I, LLC	0	0	0	0	0	0	1	0	1	0	0.00	515.00	0.00	515.00	
HESPERIA WATER DISTRICT	13,707	8,225	0	162	250	8,637	13,207	0	4,570	8,637	387.66	2,353,550.00	199,644.90	2,553,194.90	
HESPERIA, CITY OF	6,736	4,042	3,742	(3,742)	0	4,042	0	4,042	0	0	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	149	90	75	(75)	0	90	14	76	0	14	0.63	0.00	324.45	324.45	
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	66	53	53	(53)	0	53	0	53	0	0	0.00	0.00	0.00	0.00	
JAMBOREE HOUSING CORPORATION	0	0	0	56	0	56	44	0	0	44	1.97	0.00	1,014.55	1,014.55	
JESS RANCH WATER COMPANY	7,230	4,338	3,154	(2,762)	0	4,730	1,071	3,659	0	1,071	48.07	0.00	24,756.05	24,756.05	
JOHNSON, CARLEAN	23	19	10	0	0	29	23	6	0	23	1.03	0.00	530.45	530.45	
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	99	(98)	0	103	3	100	0	3	0.13	0.00	66.95	66.95	
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	194	(194)	0	379	321	58	0	321	14.41	0.00	7,421.15	7,421.15	
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	11	(10)	0	13	1	12	0	1	0.04	0.00	20.60	20.60	
LENHERT, RONALD AND TONI	37	30	30	0	0	60	8	30	0	8	0.36	0.00	185.40	185.40	
LHC ALLIGATOR, LLC	498	399	399	0	0	798	0	399	0	0	0.00	0.00	0.00	0.00	
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. (FORMERLY: APPLE VALLEY RANCHOS WATER COMPANY)	13,610	8,166	2,076	191	0	10,433	8,084	2,349	0	8,084	362.84	0.00	186,862.60	186,862.60	

**APPENDIX B**  
**PRODUCER REPLACEMENT WATER**  
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**AND**

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

**ALTO SUBAREA**

PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	PRODUCTION SUBJECT TO MAKEUP <sup>9</sup> OBLIGATION	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$515.00/AF	MAKEUP WATER \$515.00/AF	TOTAL	
				2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>										

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	94	(94)	0	240	1	239	0	1	0.04	0.00	20.60	20.60
MARIANA RANCHOS COUNTY WATER DISTRICT	245	147	0	0	0	147	188	0	41	147	6.60	21,115.00	3,399.00	24,514.00
MCINNIS, WILLIAM S.	30	24	13	(13)	0	24	6	18	0	6	0.27	0.00	139.05	139.05
MCKINNEY, PAULA	33	27	27	(27)	0	27	0	27	0	0	0.00	0.00	0.00	0.00
MLH, LLC	13	11	7	(7)	0	11	8	3	0	8	0.36	0.00	185.40	185.40
NAVAJO MUTUAL WATER COMPANY	88	53	53	0	0	106	30	53	0	30	1.35	0.00	695.25	695.25
NUÑEZ, LUIS SEGUNDO	0	0	0	0	0	0	1	0	1	0	0.00	515.00	0.00	515.00
NUNN, DONALD AND PEARL	36	29	28	(28)	0	29	1	28	0	1	0.04	0.00	20.60	20.60
ORO GRANDE SCHOOL DISTRICT	107	65	65	0	0	130	59	65	0	59	2.65	0.00	1,364.75	1,364.75
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	0	0	0	0	0	0	1	0	1	0	0.00	515.00	0.00	515.00
PHAM, ET AL.	0	0	0	0	0	0	19	0	19	0	0.00	9,785.00	0.00	9,785.00
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	213	125	0	0	338	243	95	0	243	10.91	0.00	5,618.65	5,618.65
PITTMAN, LEROY W.	148	119	119	0	0	238	1	119	0	1	0.04	0.00	20.60	20.60
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	4.58	0.00	2,358.70	2,358.70
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	0	0	515	(515)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT	0	0	1,398	(1,398)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
ROSS, CARL E. LIVING TRUST	0	0	7	(7)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
RUE RANCH	30	24	3	(3)	(10)	14	1	13	0	1	0.04	0.00	20.60	20.60
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENT	0	0	0	65	0	65	92	0	27	65	2.92	13,905.00	1,503.80	15,408.80
SAN BERNARDINO COUNTY SERVICE AREA 42	465	279	213	(213)	0	279	65	214	0	65	2.92	0.00	1,503.80	1,503.80
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	2,294	608	200	0	3,102	2,395	707	0	2,395	107.50	0.00	55,362.50	55,362.50
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	609	0	389	80	1,078	1,480	0	402	1,078	48.38	207,030.00	24,915.70	231,945.70
SAPP, ROBERT D. AND LEE, TERESA J.	42	34	26	(26)	0	34	7	27	0	7	0.31	0.00	159.65	159.65
SCRAY, MICHELLE A. TRUST	15	12	11	(11)	0	12	1	11	0	1	0.04	0.00	20.60	20.60
SERVICE ROCK PRODUCTS CORPORATION	20	12	0	0	0	12	14	0	2	12	0.54	1,030.00	278.10	1,308.10
SILVER LAKES ASSOCIATION	4,987	2,993	871	0	0	3,864	2,948	916	0	2,948	132.32	0.00	68,144.80	68,144.80
SPRING VALLEY LAKE ASSOCIATION	3,768	2,261	0	41	79	2,381	2,745	0	364	2,381	106.87	187,460.00	55,038.05	242,498.05
SPRING VALLEY LAKE COUNTRY CLUB	977	587	0	0	0	587	709	0	122	587	26.35	62,830.00	13,570.25	76,400.25
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	14	(14)	0	16	1	15	0	1	0.04	0.00	20.60	20.60
SUMMIT VALLEY RANCH, LLC	57	46	37	(37)	0	46	8	38	0	8	0.36	0.00	185.40	185.40

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## ALTO SUBAREA

PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	PRODUCTION SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$515.00/AF	MAKEUP WATER \$515.00/AF	TOTAL	
				2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>										
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	335	319	(319)	0	335	5	330	0	5	0.22	0.00	113.30	113.30	
THOMPSON LIVING TRUST, R.L. AND R.A.	13	11	6	(6)	0	11	5	6	0	5	0.22	0.00	113.30	113.30	
THRASHER, GARY	373	299	277	(277)	(105)	194	23	171	0	23	1.03	0.00	530.45	530.45	
THUNDERBIRD COUNTY WATER DISTRICT	118	71	0	0	0	71	108	0	37	71	3.19	19,055.00	1,642.85	20,697.85	
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	26	21	21	0	0	42	0	21	0	0	0.00	0.00	0.00	0.00	
VANHOOPS HOLDINGS, LP	360	288	283	(283)	0	288	0	288	0	0	0.00	0.00	0.00	0.00	
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	144	0	0	0	144	328	0	184	144	6.46	94,760.00	3,326.90	98,086.90	
VICTOR VALLEY MEMORIAL PARK	0	0	0	0	0	0	51	0	51	0	0.00	26,265.00	0.00	26,265.00	
VICTORVILLE WATER DISTRICT, ID#1 (SEE NOTE 14)	23,020	13,812	0	708	412	14,932	16,903	0	2,879	14,932	670.20	1,482,685.00	345,153.01	1,827,838.01	
VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 14)	2,932	1,760	0	0	0	1,760	3,986	0	2,226	1,760	78.99	1,146,390.00	40,679.85	1,187,069.85	
VOGLER, ALBERT H. AND RITA K.	62	50	49	(49)	0	50	1	49	0	1	0.04	0.00	20.60	20.60	
WAGNER FAMILY TRUST	1,224	980	980	(980)	0	980	0	980	0	0	0.00	0.00	0.00	0.00	
WAKULA FAMILY TRUST	11	9	9	0	0	18	1	9	0	1	0.04	0.00	20.60	20.60	
WARD, KEN AND BARBARA	65	52	26	(26)	0	52	30	22	0	30	1.35	0.00	695.25	695.25	
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	0.04	0.00	20.60	20.60	
WESTERN RIVERS CONSERVANCY (FORMERLY: ROSS, CARL E. LIVING TRUST)	10	8	0	0	0	8	1	7	0	1	0.04	0.00	20.60	20.60	
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	8	0	0	41	21	20	0	21	0.94	0.00	484.10	484.10	
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	515.00	0.00	515.00	
WYATT FAMILY TRUST	70	56	56	0	0	112	0	56	0	0	0.00	0.00	0.00	0.00	
TOTAL	114,308	70,514	20,937	(13,472)	(267)	77,712	66,831	21,802	12,877	54,519	2,446.94	6,631,655.00	1,260,174.11	7,891,829.11	

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## CENTRO SUBAREA

PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16		REPLACEMENT		PRODUCTION	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$515.00/AF	MAKEUP WATER N/A	TOTAL
				2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>		VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>					
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	29	24	24	(16)	0	32	0	24	0	0	0.00	0.00	0.00	0.00	
AQUA CAPITAL MANAGEMENT, LP	2,336	1,869	1,869	(384)	0	3,354	0	1,869	0	0	0.00	0.00	0.00	0.00	
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	120	96	96	(96)	(32)	64	0	64	0	0	0.00	0.00	0.00	0.00	
BAR-LEN MUTUAL WATER COMPANY	48	39	4	0	0	43	42	1	0	42	0.00	0.00	0.00	0.00	
BARSTOW COMMUNITY DEVELOPERS, LLC	0	0	0	0	0	0	11	0	11	0	0.00	5,665.00	0.00	5,665.00	
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	(181)	0	397	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	
CHONG, JOAN (FORMERLY: KENWOOD MANAGEMENT, LLC)	52	42	0	42	0	84	28	42	0	28	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	(121)	0	121	4	117	0	4	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)	(16)	0	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 MA	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)	(11)	0	0	0	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	(2,791)	0	20,261	5,110	11,526	0	5,110	0.00	0.00	0.00	0.00	
GRILL, NICHOLAS P. AND MILLIE D.	0	0	0	0	0	0	210	0	210	0	0.00	108,150.00	0.00	108,150.00	
GUTIERREZ, JOSE AND GLORIA	130	104	104	0	0	208	122	86	0	122	0.00	0.00	0.00	0.00	
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	122	122	(122)	0	122	0	122	0	0	0.00	0.00	0.00	0.00	
HARMSER FAMILY TRUST	722	578	463	0	0	1,041	558	483	0	558	0.00	0.00	0.00	0.00	
HARPER LAKE COMPANY VIII	1,433	1,147	717	0	0	1,864	1,059	805	0	1,059	0.00	0.00	0.00	0.00	
HELENDALE COMMUNITY SERVICES DISTRICT	19	16	0	0	(16)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HENSLEY, MARK P.	27	22	22	0	0	44	22	22	0	22	0.00	0.00	0.00	0.00	
HI DESERT MUTUAL WATER COMPANY	34	28	0	0	0	28	20	8	0	20	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. (SEE NOTE 15)	2,335	1,868	1,868	(351)	0	3,385	88	1,868	0	88	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	1,034	525	0	1,034	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	

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PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	PRODUCTION SUBJECT TO MAKEUP <sup>9</sup> OBLIGATION	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>							WATER	WATER		
												\$515.00/AF	N/A		
JORDAN FAMILY TRUST	460	368	368	0	0	736	2	368	0	2	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	0	0	42	(42)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
KIM, JIN S. AND HYUN H.	190	152	152	(152)	0	152	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						6								
LEYERLY, RICHARD (SEE NOTE 12)	862						698								
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	1,656	4,192	0	1,656	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	12	0	12	0	0.00	6,180.00	0.00	6,180.00	
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	1	110	0	1	0.00	0.00	0.00	0.00	
OSTERKAMP, GEROLD (SEE NOTE 12)	260						125								
PACIFIC GAS AND ELECTRIC COMPANY	4,474	3,580	3,549	31	0	7,160	2,791	3,580	0	2,791	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	655	385	0	655	0.00	0.00	0.00	0.00	
SERVICE ROCK PRODUCTS CORPORATION	766	613	613	0	0	1,226	122	613	0	122	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.	0	0	31	(31)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SOPPELAND REVOCABLE TRUST	478	383	383	(194)	0	572	18	383	0	18	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	171	578	0	171	0.00	0.00	0.00	0.00	
VAN LEEUWEN, JOHN	1,465	1,172	976	0	0	2,148	1,037	1,111	0	1,037	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	3,541	2,493	0	3,541	0.00	0.00	0.00	0.00	
VICTORVILLE WATER DISTRICT, ID#1	796	637	395	(395)	(476)	161	0	161	0	0	0.00	0.00	0.00	0.00	
WERNER, ANDREW J.	18	15	15	(15)	(15)	0	0	0	0	0	0.00	0.00	0.00	0.00	
WESTERN DEVELOPMENT AND STORAGE, LLC	6	5	5	(5)	(5)	0	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	
TOTAL	49,477	38,652	37,588	(2,450)	(571)	73,219	19,195	37,365	233	18,133	0.00	119,995.00	0.00	119,995.00	

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BAJA SUBAREA

PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$515.00/AF	MAKEUP WATER N/A	TOTAL	
				2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>										

35250 YERMO, LLC (FORMERLY: OLD GROVE PROPERTIES, LLC)	24	12	0	14	0	26	11	12	0	11	0.00	0.00	0.00	0.00
AHN, CHUN SOO AND WHA JA	50	25	28	0	0	53	1	25	0	1	0.00	0.00	0.00	0.00
AKE, CHARLES J. AND MARJORIE M.	23	12	13	0	0	25	0	12	0	0	0.00	0.00	0.00	0.00
AQUA CAPITAL MANAGEMENT, LP	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
ARCHIBEK, ERIC	0	0	0	24	0	24	0	0	0	0	0.00	0.00	0.00	0.00
ARGUELLES, ALFREDO	647	324	356	0	0	680	304	324	0	304	0.00	0.00	0.00	0.00
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	80	40	20	0	0	60	56	4	0	56	0.00	0.00	0.00	0.00
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	14	15	0	0	29	0	14	0	0	0.00	0.00	0.00	0.00
BARBER, JAMES B.	167	84	92	(92)	(8)	76	37	39	0	37	0.00	0.00	0.00	0.00
BARON, SUSAN AND PALMER, CURTIS	26	13	15	0	0	28	0	13	0	0	0.00	0.00	0.00	0.00
BENDER TRUST, DOLORES M.	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
BORGOGNO REVOCABLE LIVING TRUST	1,844	922	689	0	0	1,611	1,016	595	0	1,016	0.00	0.00	0.00	0.00
BORJA, LEONIL T. AND TITIL L.	20	10	11	0	0	21	0	10	0	0	0.00	0.00	0.00	0.00
BOWMAN, EDWIN L.	11	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00
BREDELIS, RONALD C. AND JEAN	64	32	36	(25)	0	43	12	31	0	12	0.00	0.00	0.00	0.00
BROWN, RONALD A.	1,080	540	0	0	0	540	845	0	305	540	0.00	157,075.00	0.00	157,075.00
BUDGET FINANCE COMPANY	32	16	18	0	0	34	0	16	0	0	0.00	0.00	0.00	0.00
BUSH, KEVIN	110	55	61	0	0	116	2	55	0	2	0.00	0.00	0.00	0.00
CALICO JUNCTION	20	10	11	0	0	21	0	10	0	0	0.00	0.00	0.00	0.00
CALICO LAKES HOMEOWNERS ASSOCIATION	1,293	647	0	0	0	647	250	313	0	250	0.00	0.00	0.00	0.00
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	36	40	0	0	76	19	36	0	19	0.00	0.00	0.00	0.00
CAMANGA, TONY AND MARIETTA	47	24	26	0	0	50	1	24	0	1	0.00	0.00	0.00	0.00
CAMPBELL, M. A. AND DIANNE	22	11	13	0	0	24	1	11	0	1	0.00	0.00	0.00	0.00
CARLTON, SUSAN	155	78	86	0	0	164	2	78	0	2	0.00	0.00	0.00	0.00
CDFW - CAMP CADY	921	461	507	0	0	968	81	461	0	81	0.00	0.00	0.00	0.00
CF PROPERTIES, LLC	845	423	112	317	0	852	563	289	0	563	0.00	0.00	0.00	0.00
CHEYENNE LAKE, INC.	426	213	213	20	0	446	193	213	0	193	0.00	0.00	0.00	0.00
CLARK, ARTHUR	50	25	28	0	0	53	0	25	0	0	0.00	0.00	0.00	0.00
CLINE, VIVIAN D.	0	0	9	0	0	9	0	0	0	0	0.00	0.00	0.00	0.00
CONNER, WILLIAM H.	25	13	14	0	0	27	1	13	0	1	0.00	0.00	0.00	0.00
CORBRIDGE, LINDA S.	32	16	18	0	0	34	6	16	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	20	22	0	0	42	0	20	0	0	0.00	0.00	0.00	0.00
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	683	342	332	0	0	674	430	227	0	430	0.00	0.00	0.00	0.00
DAGGETT COMMUNITY SERVICES DISTRICT	304	152	76	0	0	228	276	0	48	228	0.00	24,720.00	0.00	24,720.00
DAGGETT RANCH, LLC	76	38	38	0	0	76	38	38	0	38	0.00	0.00	0.00	0.00

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PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	PRODUCTION SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$515.00/AF	MAKEUP WATER N/A	TOTAL	
				2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>										
DE JONG FAMILY TRUST	3,131	1,566	1,723	550	0	3,839	2,313	1,526	0	2,313	0.00	0.00	0.00	0.00	
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	15	16	0	0	31	0	15	0	0	0.00	0.00	0.00	0.00	
DOCIMO LIVING TRUST, ALLEN LEE	109	55	58	0	0	113	65	48	0	65	0.00	0.00	0.00	0.00	
DONALDSON, JERRY AND BEVERLY	90	45	50	0	0	95	1	45	0	1	0.00	0.00	0.00	0.00	
DOWELL, LEONARD	23	12	13	0	0	25	0	12	0	0	0.00	0.00	0.00	0.00	
D'SILVA, MELANIE C/O TRINITY PALMS, LLC	54	27	0	0	0	27	32	0	5	27	0.00	2,575.00	0.00	2,575.00	
EVERT FAMILY TRUST (FORMERLY: CHAPMAN UNIVERISTY)	54	27	0	0	0	27	27	0	0	27	0.00	0.00	0.00	0.00	
FAWCETT, EDWARD C.	0	0	11	(10)	0	1	0	0	0	0	0.00	0.00	0.00	0.00	
FEJFAR, MONICA KAY	20	10	11	0	0	21	0	10	0	0	0.00	0.00	0.00	0.00	
FERNANDEZ, ARTURO	76	38	42	0	0	80	1	38	0	1	0.00	0.00	0.00	0.00	
FERRO, DENNIS AND NORMA	32	16	18	0	0	34	0	16	0	0	0.00	0.00	0.00	0.00	
FIRST CPA LLC	57	29	32	0	0	61	21	29	0	21	0.00	0.00	0.00	0.00	
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	213	234	0	0	447	150	213	0	150	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	1,637	819	855	600	0	2,274	1,481	793	0	1,481	0.00	0.00	0.00	0.00	
GARCIA, DANIEL	23	12	13	0	0	25	2	12	0	2	0.00	0.00	0.00	0.00	
GARG, OM P.	483	242	266	(266)	0	242	11	231	0	11	0.00	0.00	0.00	0.00	
GENON ENERGY, INC.	7,194	3,597	3,957	(3,700)	0	3,854	165	3,597	0	165	0.00	0.00	0.00	0.00	
GRAY, GEORGE F. AND BETTY E.	94	47	52	0	0	99	0	47	0	0	0.00	0.00	0.00	0.00	
HAAS, BRYAN C. AND HINKLE, MARY H.	0	0	44	0	0	44	0	0	0	0	0.00	0.00	0.00	0.00	
HACKBARTH, EDWARD E.	1,517	759	154	152	0	1,065	883	182	0	883	0.00	0.00	0.00	0.00	
HANSON AGGREGATES WRP, INC.	31	16	18	0	0	34	0	16	0	0	0.00	0.00	0.00	0.00	
HARESON, NICHOLAS AND MARY	8	4	5	0	0	9	0	4	0	0	0.00	0.00	0.00	0.00	
HARTER, JOE AND SUE	5,234	2,617	2,879	200	0	5,696	3,138	2,558	0	3,138	0.00	0.00	0.00	0.00	
HASS, PAULINE L.	35	18	19	(19)	0	18	1	17	0	1	0.00	0.00	0.00	0.00	
HENDLEY, RICK AND BARBARA	48	24	27	0	0	51	6	24	0	6	0.00	0.00	0.00	0.00	
HIETT, HARRY L.	29	15	16	0	0	31	2	15	0	2	0.00	0.00	0.00	0.00	
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	152	152	(152)	0	152	1	151	0	1	0.00	0.00	0.00	0.00	
HO, TING-SENG AND AH-GIT	300	150	165	0	0	315	0	150	0	0	0.00	0.00	0.00	0.00	
HOLLISTER, ROBERT H. AND RUTH M.	44	22	25	0	0	47	7	22	0	7	0.00	0.00	0.00	0.00	
HONG, PAUL B. AND MAY	85	43	47	0	0	90	0	43	0	0	0.00	0.00	0.00	0.00	
HOOD FAMILY TRUST	41	21	23	0	0	44	12	21	0	12	0.00	0.00	0.00	0.00	
HORTON, JOHN	242	121	134	(82)	0	173	15	121	0	15	0.00	0.00	0.00	0.00	
HORTON'S CHILDREN'S TRUST	199	100	0	0	0	100	127	0	40	100	0.00	20,600.00	0.00	20,600.00	
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	14	16	0	0	30	0	14	0	0	0.00	0.00	0.00	0.00	
HUNT, RALPH M. AND LILLIAN F.	51	26	29	0	0	55	2	26	0	2	0.00	0.00	0.00	0.00	
HUTCHISON TRUST, WILLIAM O.	368	184	203	(200)	0	187	1	184	0	1	0.00	0.00	0.00	0.00	



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				2014-15	2015-16										
				CARRYOVER <sup>3</sup>	FPA <sup>4</sup>										
HYATT, JAMES AND BRENDA	210	105	116	0	0	221	17	105	0	17	0.00	0.00	0.00	0.00	
IM, NICHOLAS NAK-KYUN	150	75	0	0	0	75	102	0	27	75	0.00	13,905.00	0.00	13,905.00	
IRVIN, BERTRAND W.	29	15	16	10	0	41	21	15	0	21	0.00	0.00	0.00	0.00	
ITALMOOD INC., ET. AL.	190	95	105	0	0	200	72	95	0	72	0.00	0.00	0.00	0.00	
JACKS, JAMES F. (FORMERLY: FAWCETT, EDWARD C.)	10	5	0	0	0	5	1	4	0	1	0.00	0.00	0.00	0.00	
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	27	30	(10)	0	47	0	27	0	0	0.00	0.00	0.00	0.00	
JACKSON, RAY	20	10	11	0	0	21	0	10	0	0	0.00	0.00	0.00	0.00	
JOHNSON, JAMES R. AND ELLEN	247	124	111	(111)	0	124	19	105	0	19	0.00	0.00	0.00	0.00	
KARIMI, HOOSHANG	70	35	39	0	0	74	1	35	0	1	0.00	0.00	0.00	0.00	
KASNER FAMILY LIMITED PARTNERSHIP	1,501	751	880	507	0	2,138	1,767	371	0	1,767	0.00	0.00	0.00	0.00	
KASNER, ROBERT	5,713	2,857	0	1,364	0	4,221	4,468	0	247	4,221	0.00	127,205.00	0.00	127,205.00	
KATCHER, AUGUST M. AND MARCELINE	23	12	13	0	0	25	1	12	0	1	0.00	0.00	0.00	0.00	
KEMP, ROBERT AND ROSE	32	16	18	0	0	34	0	16	0	0	0.00	0.00	0.00	0.00	
KIEL, MARY	0	0	19	(19)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	382	820	0	0	1,202	708	382	0	708	0.00	0.00	0.00	0.00	
KIM, SEON JA	50	25	28	0	0	53	1	25	0	1	0.00	0.00	0.00	0.00	
KOEGLER, RONALD R. AND CAROLYN V.	26	13	15	0	0	28	12	13	0	12	0.00	0.00	0.00	0.00	
KOERING, RICHARD AND KOERING, DONNA	20	10	11	0	0	21	1	10	0	1	0.00	0.00	0.00	0.00	
KOROGHLIAN, TED AND NAJWA	15	8	1	0	0	9	8	1	0	8	0.00	0.00	0.00	0.00	
KOSHAREK, JOHN AND JOANN	54	27	30	0	0	57	10	27	0	10	0.00	0.00	0.00	0.00	
LAKE JODIE PROPERTY OWNERS ASSOCIATION	293	147	0	290	0	437	292	47	0	292	0.00	0.00	0.00	0.00	
LAKE WAIKIKI	98	49	54	0	0	103	0	49	0	0	0.00	0.00	0.00	0.00	
LAKE WAINANI OWNERS ASSOCIATION	490	245	165	0	0	410	203	142	0	203	0.00	0.00	0.00	0.00	
LAM, PHILLIP	105	53	58	0	0	111	5	53	0	5	0.00	0.00	0.00	0.00	
LANGLEY, MICHAEL R. AND SHARON	20	10	11	0	0	21	14	7	0	14	0.00	0.00	0.00	0.00	
LAVANH, ET AL.	24	12	14	0	0	26	1	12	0	1	0.00	0.00	0.00	0.00	
LAWRENCE, WILLIAM W.	45	23	25	0	0	48	1	23	0	1	0.00	0.00	0.00	0.00	
LEE, VIN JANG T.	630	315	347	0	0	662	0	315	0	0	0.00	0.00	0.00	0.00	
LEM, HOY	32	16	18	0	0	34	0	16	0	0	0.00	0.00	0.00	0.00	
LIANG, YUAN - I AND TZU - MEI CHEN	200	100	110	0	0	210	0	100	0	0	0.00	0.00	0.00	0.00	
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. (FORMERLY: APPLE VALLEY RANCHOS WATER COMPANY)	453	227	250	(125)	0	352	126	226	0	126	0.00	0.00	0.00	0.00	
LIN, KUAN JUNG AND CHUNG, DER-BING	451	226	249	0	0	475	0	226	0	0	0.00	0.00	0.00	0.00	
LO, ET AL.	59	30	33	0	0	63	33	30	0	33	0.00	0.00	0.00	0.00	
M BIRD CONSTRUCTION	41	21	23	0	0	44	0	21	0	0	0.00	0.00	0.00	0.00	
MAHJOUBI, AFSAR S.	63	32	35	0	0	67	0	32	0	0	0.00	0.00	0.00	0.00	

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PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$515.00/AF	MAKEUP WATER N/A	TOTAL	
				2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>										

MALONEY, JANICE	36	18	20	0	0	38	2	18	0	2	0.00	0.00	0.00	0.00
MANNING, SHARON S.	63	32	19	0	0	51	43	8	0	43	0.00	0.00	0.00	0.00
MARCROFT, JAMES A. AND JOAN	38	19	21	0	0	40	20	19	0	20	0.00	0.00	0.00	0.00
MARSHALL, CHARLES	20	10	11	0	0	21	0	10	0	0	0.00	0.00	0.00	0.00
MARTIN, MICHAEL D. AND ARLENE D.	63	32	20	0	0	52	42	10	0	42	0.00	0.00	0.00	0.00
MILBRAT, IRVING H.	73	37	41	0	0	78	35	37	0	35	0.00	0.00	0.00	0.00
MILLER LIVING TRUST	18	9	10	0	0	19	0	9	0	0	0.00	0.00	0.00	0.00
MIZRAHIE, ET AL.	145	73	80	0	0	153	0	73	0	0	0.00	0.00	0.00	0.00
MORRIS TRUST, JULIA V.	304	152	168	(167)	0	153	1	152	0	1	0.00	0.00	0.00	0.00
MULLIGAN, ROBERT AND INEZ	35	18	20	0	0	38	10	18	0	10	0.00	0.00	0.00	0.00
MURPHY, JEAN	24	12	9	0	0	21	5	12	0	5	0.00	0.00	0.00	0.00
NEW SPRINGS LIMITED PARTNERSHIP	2,329	1,165	1,281	(682)	(250)	1,514	0	915	0	0	0.00	0.00	0.00	0.00
NEWBERRY COMMUNITY SERVICES DISTRICT	23	12	1	0	0	13	10	3	0	10	0.00	0.00	0.00	0.00
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	3	2	0	0	0	2	0	2	0	0	0.00	0.00	0.00	0.00
O. F. D. L., INC.	204	102	52	146	8	308	158	99	0	158	0.00	0.00	0.00	0.00
OLD GROVE PROPERTIES, LLC	0	0	14	(14)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	334	367	0	0	701	0	334	0	0	0.00	0.00	0.00	0.00
PATINO, JOSÉ	22	11	13	0	0	24	1	11	0	1	0.00	0.00	0.00	0.00
PEARCE, CRAIG L.	150	75	83	0	0	158	5	75	0	5	0.00	0.00	0.00	0.00
PERKO, BERT K.	132	66	73	0	0	139	46	66	0	46	0.00	0.00	0.00	0.00
POLAND, JOHN R. AND KATHLEEN A.	92	46	39	0	0	85	11	46	0	11	0.00	0.00	0.00	0.00
PORTER, TIMOTHY M.	30	15	17	0	0	32	0	15	0	0	0.00	0.00	0.00	0.00
PRICE, DONALD AND RUTH	42	21	24	0	0	45	1	21	0	1	0.00	0.00	0.00	0.00
PRUETT, ANDREA	36	18	20	0	0	38	0	18	0	0	0.00	0.00	0.00	0.00
QUIGG AND COMPANY, INC.	0	0	45	(45)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
QUIROS, FRANCISCO J. AND HERRMANN, RONALD	38	19	21	0	0	40	21	19	0	21	0.00	0.00	0.00	0.00
REEVES, RICHARD	0	0	124	(124)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
RICE, HENRY C. AND DIANA	24	12	14	0	0	26	1	12	0	1	0.00	0.00	0.00	0.00
RIZVI, S.R ALI	27	14	15	0	0	29	0	14	0	0	0.00	0.00	0.00	0.00
ROSSI, JAMES L. AND NAOMI I.	614	307	203	0	0	510	406	104	0	406	0.00	0.00	0.00	0.00
S AND B BROTHERS, LLC	221	111	121	0	0	232	91	106	0	91	0.00	0.00	0.00	0.00
SAGABEAN-BARKER, KANOELOKELANI L. (FORMERLY: KIEL, MARY)	34	17	0	19	0	36	14	17	0	14	0.00	0.00	0.00	0.00
SAMRA, JAGTAR S.	30	15	17	0	0	32	20	12	0	20	0.00	0.00	0.00	0.00
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	168	84	93	0	0	177	57	84	0	57	0.00	0.00	0.00	0.00
SECURITY PAVING COMPANY, INC.	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
SERVICE ROCK PRODUCTS CORPORATION	0	0	0	0	0	0	1	0	1	0	0.00	515.00	0.00	515.00

## APPENDIX B

MARCH 22, 2017

**PRODUCER REPLACEMENT WATER  
AND  
MAKEUP WATER OBLIGATIONS  
AND  
ASSESSMENTS DUE FOR 2015-16  
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)**

## BAJA SUBAREA

PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$515.00/AF	MAKEUP WATER N/A	TOTAL	
				2014-15	2015-16										
				CARRYOVER <sup>3</sup>	FPA <sup>4</sup>										
SHAW, ROBERT M. AND LORI A. SLATER-SHAW	43	22	24	0	0	46	11	22	0	11	0.00	0.00	0.00	0.00	
SHENG, JEN	33	17	19	0	0	36	1	17	0	1	0.00	0.00	0.00	0.00	
SHEPPARD, THOMAS AND GLORIA	217	109	120	0	0	229	9	109	0	9	0.00	0.00	0.00	0.00	
SHORT, CHARLES AND MARGARET	54	27	30	0	0	57	13	27	0	13	0.00	0.00	0.00	0.00	
SHORT, JEROME E.	30	15	17	0	0	32	15	15	0	15	0.00	0.00	0.00	0.00	
SINGH, ET AL.	31	16	18	0	0	34	1	16	0	1	0.00	0.00	0.00	0.00	
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	0	0	0	0	0	0	69	0	69	0	0.00	35,535.00	0.00	35,535.00	
SMITH, PORTER AND ANITA	25	13	14	0	0	27	0	13	0	0	0.00	0.00	0.00	0.00	
SMITH, WILLIAM E. AND PATRICIA A.	19	10	11	0	0	21	5	10	0	5	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA EDISON COMPANY	600	300	330	0	0	630	0	300	0	0	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA GAS COMPANY	98	49	54	0	0	103	8	49	0	8	0.00	0.00	0.00	0.00	
SPERRY, WESLEY	104	52	58	0	0	110	1	52	0	1	0.00	0.00	0.00	0.00	
ST. ANTONY COPTIC ORTHODOX MONASTERY	130	65	0	250	250	565	295	270	0	295	0.00	0.00	0.00	0.00	
STARKE, GEORGE A. AND JAYNE E.	23	12	13	0	0	25	0	12	0	0	0.00	0.00	0.00	0.00	
SUNDOWN LAKES, INC.	324	162	0	75	0	237	168	10	0	168	0.00	0.00	0.00	0.00	
SUNRAY ENERGY, INC.	63	32	35	0	0	67	5	32	0	5	0.00	0.00	0.00	0.00	
SZYNKOWSKI, RUTH J.	29	15	16	0	0	31	2	15	0	2	0.00	0.00	0.00	0.00	
TAPIE, RAYMOND L.	18	9	10	0	0	19	1	9	0	1	0.00	0.00	0.00	0.00	
TEISAN, JERRY	96	48	53	0	0	101	0	48	0	0	0.00	0.00	0.00	0.00	
THAYER, SHARON	97	49	54	0	0	103	30	49	0	30	0.00	0.00	0.00	0.00	
THOMAS, STEPHEN AND LORI	49	25	27	0	0	52	9	25	0	9	0.00	0.00	0.00	0.00	
TRIPLE H PARTNERSHIP	218	109	115	0	0	224	115	109	0	115	0.00	0.00	0.00	0.00	
TSUI, RICHARD	472	236	0	0	0	236	0	236	0	0	0.00	0.00	0.00	0.00	
TURNER, TERRY	30	15	17	0	0	32	1	15	0	1	0.00	0.00	0.00	0.00	
UNION PACIFIC RAILROAD COMPANY	249	125	137	0	0	262	8	125	0	8	0.00	0.00	0.00	0.00	
VACA, ANDY AND TERESITA S.	20	10	11	0	0	21	12	9	0	12	0.00	0.00	0.00	0.00	
VAN BASTELAAR, ALPHONSE	78	39	0	0	0	39	88	0	49	39	0.00	25,235.00	0.00	25,235.00	
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	5,430	2,715	2,527	0	0	5,242	2,751	2,491	0	2,751	0.00	0.00	0.00	0.00	
VAN LEEUWEN, JOHN	2,018	1,009	1,110	0	0	2,119	1,034	1,009	0	1,034	0.00	0.00	0.00	0.00	
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,792	896	859	300	0	2,055	1,191	864	0	1,191	0.00	0.00	0.00	0.00	
WANG, STEVEN	10	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00	
WARD, RAYMOND	105	53	36	0	0	89	70	19	0	70	0.00	0.00	0.00	0.00	
WEEMS, LIZZIE	53	27	30	0	0	57	8	27	0	8	0.00	0.00	0.00	0.00	
WEERAISINGHE, MAITHRI N.	15	8	9	0	0	17	1	8	0	1	0.00	0.00	0.00	0.00	
WESTERN HERITAGE, INC.	854	427	470	0	0	897	0	427	0	0	0.00	0.00	0.00	0.00	
WESTERN HORIZON ASSOCIATES, INC.	705	353	388	0	0	741	532	209	0	532	0.00	0.00	0.00	0.00	

APPENDIX B

MARCH 22, 2017

PRODUCER REPLACEMENT WATER  
AND  
MAKEUP WATER OBLIGATIONS  
AND  
ASSESSMENTS DUE FOR 2015-16  
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

BAJA SUBAREA

PRODUCER	2015-16 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$515.00/AF	MAKEUP WATER N/A	TOTAL
				2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>									
WET SET, INC.	308	154	0	76	0	230	144	65	0	144	0.00	0.00	0.00	0.00
WITTE, E. DANIEL AND MARCIA	27	14	15	0	0	29	1	14	0	1	0.00	0.00	0.00	0.00
WLSR, INC.	232	116	0	167	0	283	133	78	0	133	0.00	0.00	0.00	0.00
WORSEY, JOSEPH A. AND REVAE	29	15	16	0	0	31	1	15	0	1	0.00	0.00	0.00	0.00
TOTAL	63,929	32,002	27,576	(762)	0	58,816	28,227	24,829	791	27,449	0.00	407,365.00	0.00	407,365.00

**APPENDIX B - SUMMARY  
PRODUCER REPLACEMENT WATER  
AND**

**MARCH 22, 2017**

**MAKEUP WATER OBLIGATIONS  
AND**

**ASSESSMENTS DUE FOR 2015-16**

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

SUBAREA	2015-16 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2015-16 VERIFIED PRODUCTION <sup>6</sup>	UNUSED <sup>7</sup> FPA	REPLACEMENT WATER OBLIGATION <sup>8</sup>	PRODUCTION SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER	MAKEUP WATER	TOTAL
				2014-15 CARRYOVER <sup>3</sup>	2015-16 FPA <sup>4</sup>									
<b>ESTE</b>	<b>19,251</b>	<b>15,422</b>	<b>14,678</b>	<b>(206)</b>	<b>0</b>	<b>29,894</b>	<b>4,268</b>	<b>15,053</b>	<b>246</b>	<b>4,022</b>	<b>0.00</b>	<b>126,690.00</b>	<b>0.00</b>	<b>126,690.00</b>
<b>OESTE</b>	<b>6,857</b>	<b>5,488</b>	<b>4,934</b>	<b>0</b>	<b>0</b>	<b>10,422</b>	<b>3,584</b>	<b>4,520</b>	<b>618</b>	<b>2,966</b>	<b>0.00</b>	<b>318,270.00</b>	<b>0.00</b>	<b>318,270.00</b>
<b>ALTO</b>	<b>114,308</b>	<b>70,514</b>	<b>20,937</b>	<b>(13,472)</b>	<b>(267)</b>	<b>77,712</b>	<b>66,831</b>	<b>21,802</b>	<b>12,877</b>	<b>54,519</b>	<b>2,446.94</b>	<b>6,631,655.00</b>	<b>1,260,174.11</b>	<b>7,891,829.11</b>
<b>CENTRO</b>	<b>49,477</b>	<b>38,652</b>	<b>37,588</b>	<b>(2,450)</b>	<b>(571)</b>	<b>73,219</b>	<b>19,195</b>	<b>37,365</b>	<b>233</b>	<b>18,133</b>	<b>0.00</b>	<b>119,995.00</b>	<b>0.00</b>	<b>119,995.00</b>
<b>BAJA</b>	<b>63,929</b>	<b>32,002</b>	<b>27,576</b>	<b>(762)</b>	<b>0</b>	<b>58,816</b>	<b>28,227</b>	<b>24,829</b>	<b>791</b>	<b>27,449</b>	<b>0.00</b>	<b>407,365.00</b>	<b>0.00</b>	<b>407,365.00</b>
<b>GRAND TOTAL</b>	<b>253,822</b>	<b>162,078</b>	<b>105,713</b>	<b>(16,890)</b>	<b>(838)</b>	<b>250,063</b>	<b>122,105</b>	<b>103,569</b>	<b>14,765</b>	<b>107,089</b>	<b>2,446.94</b>	<b>7,603,975.00</b>	<b>1,260,174.11</b>	<b>8,864,149.11</b>

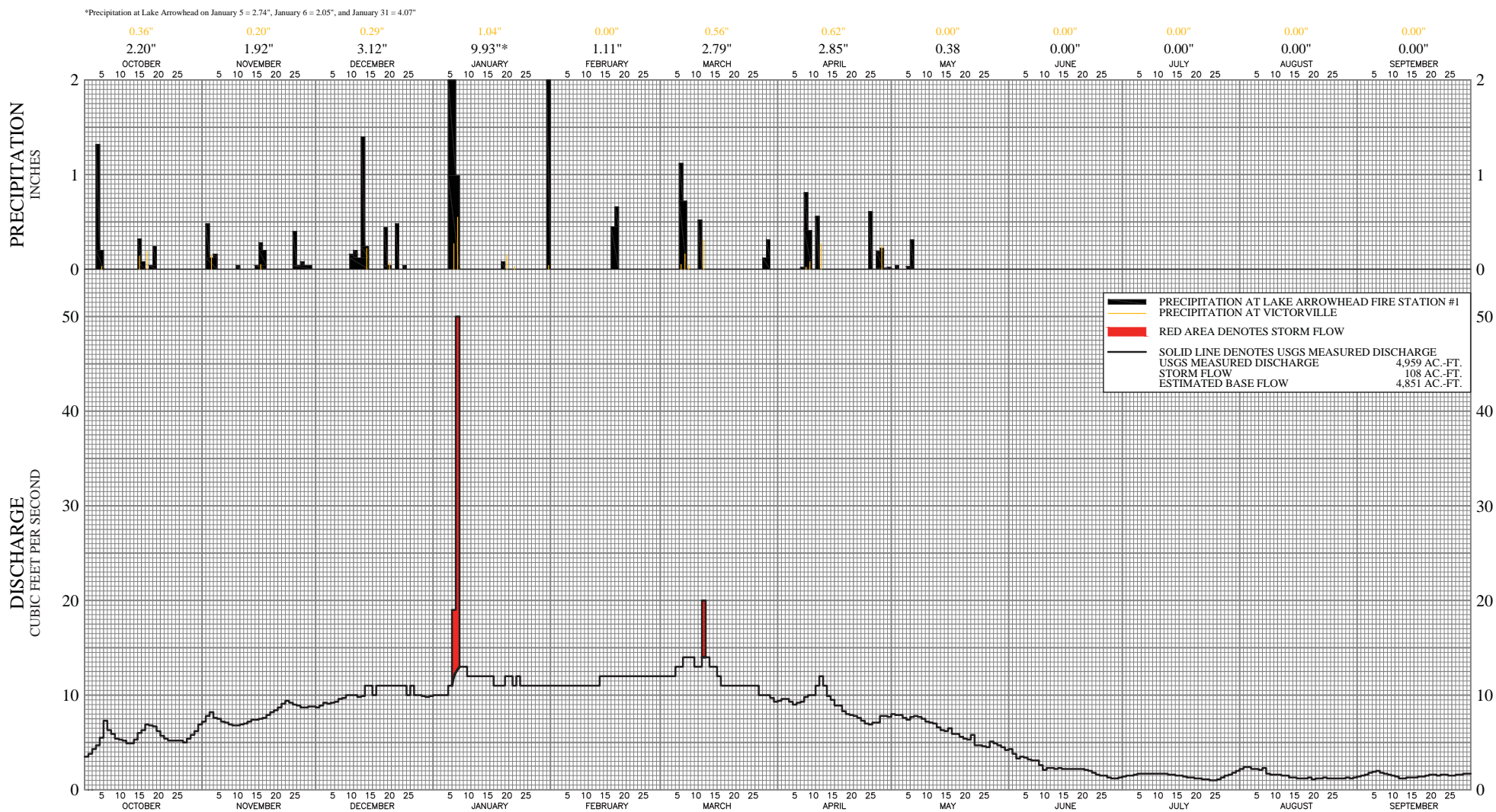
## NOTES FOR APPENDIX B

- 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 50% OF BASE ANNUAL PRODUCTION IN THE BAJA SUBAREA.
- 2 UNUSED FPA FROM 2014-15 NET OF ANY TRANSFERS DURING 2014-15.
- 3 TRANSFERS OF 2014-15 UNUSED FPA FOR USE DURING 2015-16. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 4 TRANSFERS OF 2015-16 BASE FREE PRODUCTION ALLOWANCE. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 5 TOTAL FREE PRODUCTION ALLOWANCE FOR 2015-16 IS EQUAL TO THE SUM OF BASE FREE PRODUCTION ALLOWANCE, CARRYOVER AND TRANSFERS.
- 6 2015-16 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 2015-16 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 2015-16 AND CONSISTS OF 323 ACRE-FEET IN THE ALTO SUBAREA AND 829 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 2015-16 WATER YEAR INCLUDE 1,071 ACRE-FEET FOR VICTORVILLE WATER DISTRICT, ID#1 AND 2,237 ACRE-FEET FOR VICTORVILLE WATER DISTRICT ID#2. ALSO INCLUDED FOR ID#1 IS 908 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 2015-16**



DISCHARGE OF MOJAVE RIVER AT LOWER NARROWS,  
PRECIPITATION AT LAKE ARROWHEAD FIRE STATION #1,  
AND PRECIPITATION AT VICTORVILLE  
WATER YEAR 2015-16

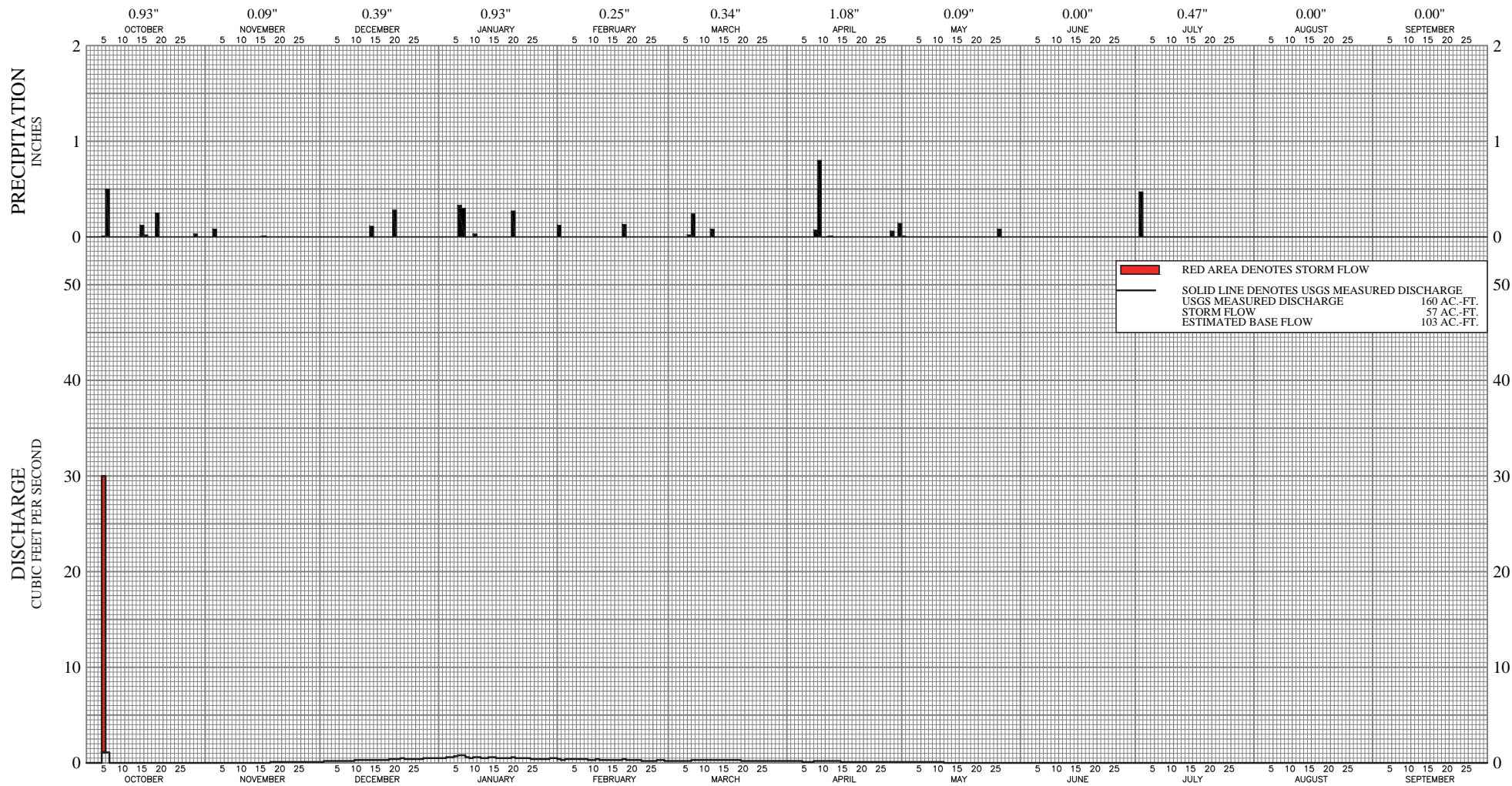


**WATER YEAR TOTAL = 4,959 AC-FT**

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

## PRECIPITATION, INCHES

[illegible]



DISCHARGE OF MOJAVE RIVER AT AFTON AND PRECIPITATION AT BARSTOW  
WATER YEAR 2015-16

# MOJAVE RIVER AT AFTON, CA

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

**WATER YEAR 2015-16**

**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	0.14	0.49	0.41	0.23	0.17	0.13	0.00	0.00	0.00	0.00
2	0.00	0.00	0.15	0.54	0.34	0.22	0.16	0.11	0.00	0.00	0.00	0.00
3	0.00	0.00	0.17	0.57	0.35	0.21	0.16	0.10	0.00	0.00	0.00	0.00
4	0.00	0.00	0.17	0.62	0.36	0.20	0.16	0.09	0.00	0.00	0.00	0.00
5	30.00	0.00	0.18	0.65	0.36	0.22	0.13	0.08	0.00	0.00	0.00	0.00
6	1.10	0.00	0.19	0.76	0.37	0.24	0.12	0.08	0.00	0.00	0.00	0.00
7	0.00	0.01	0.21	0.81	0.38	0.25	0.13	0.08	0.00	0.00	0.00	0.00
8	0.00	0.01	0.23	0.64	0.35	0.28	0.19	0.08	0.00	0.00	0.00	0.00
9	0.00	0.01	0.24	0.52	0.34	0.25	0.22	0.07	0.00	0.00	0.00	0.00
10	0.00	0.02	0.25	0.59	0.34	0.25	0.21	0.06	0.00	0.00	0.00	0.00
11	0.00	0.02	0.26	0.55	0.35	0.27	0.21	0.05	0.00	0.00	0.00	0.00
12	0.00	0.02	0.26	0.52	0.34	0.28	0.20	0.04	0.00	0.00	0.00	0.00
13	0.00	0.03	0.29	0.53	0.34	0.29	0.18	0.03	0.00	0.00	0.00	0.00
14	0.00	0.03	0.32	0.55	0.30	0.28	0.16	0.02	0.00	0.00	0.00	0.00
15	0.02	0.03	0.30	0.56	0.29	0.27	0.14	0.02	0.00	0.00	0.00	0.00
16	0.02	0.04	0.31	0.48	0.29	0.29	0.14	0.02	0.00	0.00	0.00	0.00
17	0.00	0.04	0.32	0.49	0.31	0.30	0.14	0.02	0.00	0.00	0.00	0.00
18	0.00	0.05	0.34	0.53	0.38	0.29	0.14	0.02	0.00	0.00	0.00	0.00
19	0.00	0.05	0.36	0.53	0.30	0.25	0.14	0.01	0.00	0.00	0.00	0.00
20	0.00	0.06	0.36	0.57	0.29	0.23	0.13	0.01	0.00	0.00	0.00	0.00
21	0.00	0.06	0.38	0.51	0.29	0.21	0.11	0.00	0.00	0.00	0.00	0.00
22	0.00	0.07	0.45	0.50	0.28	0.20	0.10	0.01	0.00	0.00	0.00	0.00
23	0.00	0.08	0.42	0.52	0.24	0.19	0.09	0.01	0.00	0.00	0.00	0.00
24	0.00	0.09	0.40	0.50	0.23	0.19	0.10	0.01	0.00	0.00	0.00	0.00
25	0.00	0.10	0.40	0.44	0.24	0.21	0.11	0.01	0.00	0.00	0.00	0.00
26	0.00	0.10	0.40	0.40	0.24	0.19	0.11	0.00	0.00	0.00	0.00	0.00
27	0.00	0.11	0.41	0.42	0.26	0.18	0.10	0.00	0.00	0.00	0.00	0.00
28	0.00	0.12	0.45	0.44	0.25	0.19	0.12	0.00	0.00	0.00	0.00	0.00
29	0.00	0.13	0.45	0.42	0.2	0.20	0.11	0.00	0.00	0.00	0.00	0.00
30	0.00	0.13	0.45	0.46		0.19	0.12	0.00	0.00	0.00	0.00	0.00
31	0.00		0.47	0.46		0.18		0.00		0.00	0.00	
TOTAL (CFS)	31.1	1.41	9.73	16.6	9.06	7.23	4.30	1.16	0.00	0.00	0.00	0.00
ACRE-FEET	61.8	2.80	19.3	32.9	18.0	14.3	8.53	2.3	0.00	0.00	0.00	0.00

**WATER YEAR TOTAL = 160 AC-FT**

## NOAA STATION NO. W04-0521-07

### 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 22, 2017

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 <sup>1</sup>	2014-15 CARRYOVER <sup>2</sup>	2015-16 FPA <sup>3</sup>	2014-15 CARRYOVER IN LIEU OF REPLACEMENT <sup>4</sup>	2014-15 CARRYOVER IN LIEU OF MAKEUP <sup>5</sup>	2015-16 FPA IN LIEU OF MAKEUP <sup>6</sup>	
CAMPBELL FAMILY TRUST	597						S AND E 786 ENTERPRISES, LLC
CAMPBELL FAMILY TRUST		391					S AND E 786 ENTERPRISES, LLC
CLUB VIEW PARTNERS				27			SAN BERNARDINO COUNTY SERVICE AREA 29
HARVEY, LISA M.	400						AHN, CHUN SOO AND DAVID
JUBILEE MUTUAL WATER COMPANY		32					JUNIPER RIVIERA COUNTY WATER DISTRICT
JUBILEE MUTUAL WATER COMPANY				32			JUNIPER RIVIERA COUNTY WATER DISTRICT
M.B. LANDSCAPING AND NURSERY, INC.				81			WEISER, ET AL.
MITSUBISHI CEMENT CORPORATION				60			ROBERTSON'S READY MIX
MITSUBISHI CEMENT CORPORATION				6			SPECIALTY MINERALS, INC.
VIROSTECK, STEVE AND JULIE		45					DACOSTA, DEAN EDWARD
VIROSTECK, STEVE AND JULIE	56						DACOSTA, DEAN EDWARD
<b>TOTAL</b>	<b>1,053</b>	<b>468</b>		<b>206</b>			



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FREE PRODUCTION ALLOWANCE  
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(ALL AMOUNTS IN ACRE-FEET)

ALTO SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION <sup>1</sup>	2014-15 CARRYOVER <sup>2</sup>	2015-16 FPA <sup>3</sup>	2014-15 CARRYOVER IN LIEU OF REPLACEMENT <sup>4</sup>	2014-15 CARRYOVER IN LIEU OF MAKEUP <sup>5</sup>	2015-16 FPA IN LIEU OF MAKEUP <sup>6</sup>	
ABBOTT, CARRON		8					HESPERIA WATER DISTRICT
AGCON, INC.		48					LANGLEY, JAMES - INDUSTRIAL
AMERICAN STATES WATER COMPANY			4				GOLDEN STATE WATER COMPANY
AMERICAN STATES WATER COMPANY				24			GOLDEN STATE WATER COMPANY
AMERICAN STATES WATER COMPANY				572			HESPERIA WATER DISTRICT
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT				10			APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
APPLE VALLEY, TOWN OF		191					LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR
AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE			862				AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL			758				ADELANTO, CITY OF
AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL				11			VICTORVILLE WATER DISTRICT, ID#1
BASTIANON REVOCABLE TRUST				8			APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
BASTIANON REVOCABLE TRUST				36			VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
BASTIANON REVOCABLE TRUST				17			VICTORVILLE WATER DISTRICT, ID#1
BEINSCHROTH FAMILY TRUST				56			MARIANA RANCHOS COUNTY WATER DISTRICT
BEINSCHROTH FAMILY TRUST				43			THUNDERBIRD COUNTY WATER DISTRICT
BEINSCHROTH FAMILY TRUST				429			VICTORVILLE WATER DISTRICT, ID#1
BROWN, BOBBY G. AND VALERIA R.				34			SPRING VALLEY LAKE ASSOCIATION
BROWN, JENNIFER				28			ADELANTO, CITY OF
BRYANT, IAN				24			VICTORVILLE WATER DISTRICT, ID#1
BUNNELL, DICK				18			VICTORVILLE WATER DISTRICT, ID#1
CALMAT COMPANY		11					AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL
CALPORTLAND COMPANY - AGRICULTURE		515					LANGLEY, JAMES
CALPORTLAND COMPANY - AGRICULTURE			96				LANGLEY, JAMES
CALPORTLAND COMPANY - ORO GRANDE PLANT		1,398					LANGLEY, JAMES - INDUSTRIAL
CUNNINGHAM, JERRY	10						HESPERIA WATER DISTRICT
CUNNINGHAM, JERRY		9					HESPERIA WATER DISTRICT
CUNNINGHAM, JERRY		6					HESPERIA WATER DISTRICT
CUNNINGHAM, JERRY		12					HESPERIA WATER DISTRICT
CUNNINGHAM, JERRY	9						HESPERIA WATER DISTRICT
DOLCH, ROBERT AND JUDY				76			VICTORVILLE WATER DISTRICT, ID#1
DORA LAND, INC.				12			VICTORVILLE WATER DISTRICT, ID#1
ELISABELLA, LLC		52					SPRING VALLEY LAKE ASSOCIATION
ELISABELLA, LLC	65						SPRING VALLEY LAKE ASSOCIATION
FEDERAL BUREAU OF PRISONS, VICTORVILLE			412				VICTORVILLE WATER DISTRICT, ID#1

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ALTO SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION <sup>1</sup>	2014-15 CARRYOVER <sup>2</sup>	2015-16 FPA <sup>3</sup>	2014-15 CARRYOVER IN LIEU OF REPLACEMENT <sup>4</sup>	2014-15 CARRYOVER IN LIEU OF MAKEUP <sup>5</sup>	2015-16 FPA IN LIEU OF MAKEUP <sup>6</sup>	
FISCHER REVOCABLE LIVING TRUST				28			VICTORVILLE WATER DISTRICT, ID#1
FISHER TRUST, JEROME R.				441			VICTORVILLE WATER DISTRICT, ID#1
FRAZIER, ET AL.		3					SPRING VALLEY LAKE ASSOCIATION
FRAZIER, ET AL.				37			SPRING VALLEY LAKE ASSOCIATION
HAAS, BRYAN C. AND HINKLE, MARY H.				8			VICTORVILLE WATER DISTRICT, ID#1
HALANNA EQUITIES III				13			HESPERIA - GOLF COURSE, CITY OF
HAMILTON FAMILY TRUST		75					JAMBOREE HOUSING CORPORATION
HELENDALE COMMUNITY SERVICES DISTRICT			250				HESPERIA WATER DISTRICT
HELENDALE COMMUNITY SERVICES DISTRICT		708					VICTORVILLE WATER DISTRICT, ID#1
HELENDALE COMMUNITY SERVICES DISTRICT				78			VICTORVILLE WATER DISTRICT, ID#1
HESPERIA, CITY OF				3,742			HESPERIA WATER DISTRICT
HI-GRADE MATERIALS COMPANY		75					LANGLEY, JAMES - INDUSTRIAL
HOLWAY JEFFREY R AND PATRICIA GAGE		7					HESPERIA WATER DISTRICT
HOLWAY, JEFFREY R		9					HESPERIA WATER DISTRICT
HUNT, CONNIE		53					HESPERIA WATER DISTRICT
JESS RANCH WATER COMPANY				124			VICTORVILLE WATER DISTRICT, ID#1
JESS RANCH WATER COMPANY				2,638			VICTORVILLE WATER DISTRICT, ID#2
JOHNSON, RONALD		25					HESPERIA WATER DISTRICT
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		49					LANGLEY, JAMES
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		49					LANGLEY, JAMES
KEMPER CAMPBELL RANCH		194					LANGLEY, JAMES
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT				527			VICTORVILLE WATER DISTRICT, ID#1
LANGLEY, JAMES				277			CDFW - MOJAVE NARROWS REGIONAL PARK
LANGLEY, JAMES				28			PHAM, ET AL.
LANGLEY, JAMES		87					SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CEN
LANGLEY, JAMES			106				SAN BERNARDINO COUNTY SERVICE AREA 70J
LANGLEY, JAMES		235					SAN BERNARDINO COUNTY SERVICE AREA 70J
LANGLEY, JAMES				102			SPRING VALLEY LAKE COUNTRY CLUB
LANGLEY, JAMES				102			SPRING VALLEY LAKE COUNTRY CLUB
LANGLEY, JAMES				92			VICTOR VALLEY MEMORIAL PARK
LANGLEY, JAMES - INDUSTRIAL				421			CDFW - MOJAVE NARROWS REGIONAL PARK
LANGLEY, JAMES - INDUSTRIAL				496			CEMEX, INC.
LANGLEY, JAMES - INDUSTRIAL				31			SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CEN
LANGLEY, JAMES - INDUSTRIAL		200					SAN BERNARDINO COUNTY SERVICE AREA 64

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(ALL AMOUNTS IN ACRE-FEET)

ALTO SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION <sup>1</sup>	2014-15 CARRYOVER <sup>2</sup>	2015-16 FPA <sup>3</sup>	2014-15 CARRYOVER IN LIEU OF REPLACEMENT <sup>4</sup>	2014-15 CARRYOVER IN LIEU OF MAKEUP <sup>5</sup>	2015-16 FPA IN LIEU OF MAKEUP <sup>6</sup>	
LANGLEY, JAMES - INDUSTRIAL				373			SAN BERNARDINO COUNTY SERVICE AREA 70J
LAWSON, ERNEST AND BARBARA				1			APPLE VALLEY VIEW MUTUAL WATER COMPANY
LAWSON, ERNEST AND BARBARA				9			VICTORVILLE WATER DISTRICT, ID#1
LOW, DEAN				160			VICTORVILLE WATER DISTRICT, ID#1
LUCKEY, MANLEY J.				94			VICTORVILLE WATER DISTRICT, ID#1
MCINNIS, WILLIAM S.				13			APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
MCKINNEY, PAULA		27					HESPERIA WATER DISTRICT
MLH, LLC		7					HESPERIA WATER DISTRICT
NUNN, DONALD AND PEARL				28			VICTORVILLE WATER DISTRICT, ID#1
POLICH, LEE AND DONNA		52					HESPERIA WATER DISTRICT
RIM PROPERTIES, A GENERAL PARTNERSHIP				8			VICTORVILLE WATER DISTRICT, ID#1
RIVERSIDE CEMENT COMPANY - AGRICULTURE	643						CALPORTLAND COMPANY - AGRICULTURE
RIVERSIDE CEMENT COMPANY - AGRICULTURE		515					CALPORTLAND COMPANY - AGRICULTURE
RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT	2,809						CALPORTLAND COMPANY - ORO GRANDE PLANT
RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT		1,398					CALPORTLAND COMPANY - ORO GRANDE PLANT
ROSS, CARL E. LIVING TRUST		7					HELENDALE COMMUNITY SERVICES DISTRICT
ROSS, CARL E. LIVING TRUST	10						WESTERN RIVERS CONSERVANCY
RUE RANCH			10				LANGLEY, JAMES
RUE RANCH		3					LANGLEY, JAMES
SAN BERNARDINO COUNTY SERVICE AREA 42		213					SAN BERNARDINO COUNTY SERVICE AREA 70J
SAPP, ROBERT D. AND LEE, TERESA J.				26			SPRING VALLEY LAKE ASSOCIATION
SCRAY, MICHELLE A. TRUST		11					LANGLEY, JAMES
STORM, RANDALL				50			VICTORVILLE WATER DISTRICT, ID#1
SUDMEIER, GLENN W.		14					LANGLEY, JAMES
SUMMIT VALLEY RANCH, LLC				37			HESPERIA - GOLF COURSE, CITY OF
THOMPSON LIVING TRUST, JAMES A. AND SULA B.				130			ADELANTO, CITY OF
THOMPSON LIVING TRUST, JAMES A. AND SULA B.				189			VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
THOMPSON LIVING TRUST, R.L. AND R.A.				6			VICTORVILLE WATER DISTRICT, ID#1
THRASHER, GARY				277			SPRING VALLEY LAKE ASSOCIATION
THRASHER, GARY			105				SPRING VALLEY LAKE ASSOCIATION
VANHOOPS HOLDINGS, LP				283			VICTORVILLE WATER DISTRICT, ID#1
VOGLER, ALBERT H. AND RITA K.				49			SPRING VALLEY LAKE ASSOCIATION
WAGNER FAMILY TRUST				980			ADELANTO, CITY OF
WARD, KEN AND BARBARA		26					LANGLEY, JAMES

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ALTO SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION <sup>1</sup>	2014-15 CARRYOVER <sup>2</sup>	2015-16 FPA <sup>3</sup>	2014-15 CARRYOVER IN LIEU OF REPLACEMENT <sup>4</sup>	2014-15 CARRYOVER IN LIEU OF MAKEUP <sup>5</sup>	2015-16 FPA IN LIEU OF MAKEUP <sup>6</sup>	
WEST, HOWARD AND SUZY		58					LANGLEY, JAMES
WEST, JIMMIE E.				7			VICTORVILLE WATER DISTRICT, ID#1
<b>TOTAL</b>	<b>3,546</b>	<b>6,350</b>	<b>2,603</b>	<b>13,303</b>			

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

CENTRO SUBAREA

TRANSFER AMOUNT							TRANSFEREE
TRANSFEROR	BASE ANNUAL PRODUCTION <sup>1</sup>	2014-15 CARRYOVER <sup>2</sup>	2015-16 FPA <sup>3</sup>	2014-15 CARRYOVER IN LIEU OF REPLACEMENT <sup>4</sup>	2014-15 CARRYOVER IN LIEU OF MAKEUP <sup>5</sup>	2015-16 FPA IN LIEU OF MAKEUP <sup>6</sup>	
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					2		APPLE VALLEY VIEW MUTUAL WATER COMPANY
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					149		ADELANTO, CITY OF
AQUA CAPITAL MANAGEMENT, LP					17		APPLE VALLEY, TOWN OF
AQUA CAPITAL MANAGEMENT, LP					5		BEINSCHROTH FAMILY TRUST
AQUA CAPITAL MANAGEMENT, LP					2		BEINSCHROTH, A. J.
AQUA CAPITAL MANAGEMENT, LP					4		FISHER TRUST, JEROME R.
AQUA CAPITAL MANAGEMENT, LP					62		HELENDALE COMMUNITY SERVICES DISTRICT
AQUA CAPITAL MANAGEMENT, LP					2		JOHNSON, CARLEAN
AQUA CAPITAL MANAGEMENT, LP					7		LUCKEY, MANLEY J.
AQUA CAPITAL MANAGEMENT, LP					9		PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT
AQUA CAPITAL MANAGEMENT, LP					1		SAPP, ROBERT D. AND LEE, TERESA J.
AQUA CAPITAL MANAGEMENT, LP					114		SPRING VALLEY LAKE ASSOCIATION
AQUA CAPITAL MANAGEMENT, LP					1		THOMPSON LIVING TRUST, JAMES A. AND SULA B.
AQUA CAPITAL MANAGEMENT, LP					2		THRASHER, GARY
AQUA CAPITAL MANAGEMENT, LP					1		VANHOOPS HOLDINGS, LP
AQUA CAPITAL MANAGEMENT, LP					8		VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY					30		CDFW - MOJAVE NARROWS REGIONAL PARK
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY					46		CEMEX, INC.
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY						30	SAN BERNARDINO COUNTY SERVICE AREA 70J
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY					20		SAN BERNARDINO COUNTY SERVICE AREA 70J
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY						2	WARD, KEN AND BARBARA
BROMMER FAMILY TRUST					8		MARIANA RANCHOS COUNTY WATER DISTRICT
BROMMER FAMILY TRUST					2		NAVAJO MUTUAL WATER COMPANY
BROMMER FAMILY TRUST					6		RANCHERITOS MUTUAL WATER COMPANY
BROMMER FAMILY TRUST					163		SILVER LAKES ASSOCIATION
BROMMER FAMILY TRUST					2		WESTLAND INDUSTRIES, INC.
CONTRATTO, ERSULA					121		HESPERIA WATER DISTRICT
DORRANCE, DAVID W. AND TAMELA L.						16	SPRING VALLEY LAKE COUNTRY CLUB
DORRANCE, DAVID W. AND TAMELA L.					16		SPRING VALLEY LAKE COUNTRY CLUB
FRATES, D. COLE					10		AGCON, INC.

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## CENTRO SUBAREA

	TRANSFER AMOUNT						
TRANSFEROR	BASE ANNUAL PRODUCTION <sup>1</sup>	2014-15 CARRYOVER <sup>2</sup>	2015-16 FPA <sup>3</sup>	2014-15 CARRYOVER IN LIEU OF REPLACEMENT <sup>4</sup>	2014-15 CARRYOVER IN LIEU OF MAKEUP <sup>5</sup>	2015-16 FPA IN LIEU OF MAKEUP <sup>6</sup>	TRANSFeree
FRATES, D. COLE					1		HI-GRADE MATERIALS COMPANY
FRATES, D. COLE						11	SAN BERNARDINO COUNTY SERVICE AREA 64
GOLDEN STATE WATER COMPANY					44		GOLDEN STATE WATER COMPANY
GOLDEN STATE WATER COMPANY					21		HESPERIA - GOLF COURSE, CITY OF
GOLDEN STATE WATER COMPANY					153		HESPERIA WATER DISTRICT
GOLDEN STATE WATER COMPANY		800					HUERTA, HECTOR
GOLDEN STATE WATER COMPANY					20		JESS RANCH WATER COMPANY
GOLDEN STATE WATER COMPANY					153		LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR
GOLDEN STATE WATER COMPANY		1,600					VERNOLA TRUST, PAT AND MARY ANN
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH					3		SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CEN
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH					4		SAN BERNARDINO COUNTY SERVICE AREA 42
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH					115		SAN BERNARDINO COUNTY SERVICE AREA 64
HELENDALE COMMUNITY SERVICES DISTRICT						16	HELENDALE COMMUNITY SERVICES DISTRICT
HILL FAMILY TRUST AND HILL'S RANCH, INC.				178			GRILL, NICHOLAS P. AND MILLIE D.
HILL FAMILY TRUST AND HILL'S RANCH, INC.					20		JESS RANCH WATER COMPANY
HILL FAMILY TRUST AND HILL'S RANCH, INC.					153		LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR
KENWOOD MANAGEMENT, LLC	52						CHONG, JOAN
KENWOOD MANAGEMENT, LLC		42					CHONG, JOAN
KIM, JIN S. AND HYUN H.					152		HESPERIA WATER DISTRICT
SMITH, ROBERT A.		31					PACIFIC GAS AND ELECTRIC COMPANY
SMITH, ROBERT A.	38						PACIFIC GAS AND ELECTRIC COMPANY
SOPPELAND, WAYNE				8			BARSTOW COMMUNITY DEVELOPERS, LLC
SOPPELAND, WAYNE					21		JESS RANCH WATER COMPANY
SOPPELAND, WAYNE					153		LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR
SOPPELAND, WAYNE				12			NURSERY PRODUCTS LLC
VICTORVILLE WATER DISTRICT, ID#1					395		VICTORVILLE WATER DISTRICT, ID#1
VICTORVILLE WATER DISTRICT, ID#1						386	VICTORVILLE WATER DISTRICT, ID#1
VICTORVILLE WATER DISTRICT, ID#1						90	VICTORVILLE WATER DISTRICT, ID#2
WERNER, ANDREW J.					15		CALPORTLAND COMPANY - ORO GRANDE PLANT
WERNER, ANDREW J.						9	SAN BERNARDINO COUNTY SERVICE AREA 70J
WERNER, ANDREW J.						6	SPRING VALLEY LAKE COUNTRY CLUB
WESTERN DEVELOPMENT AND STORAGE, LLC						5	KEMPER CAMPBELL RANCH
WESTERN DEVELOPMENT AND STORAGE, LLC					5		KEMPER CAMPBELL RANCH
TOTAL	90	2,473		198	2,252	571	

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(ALL AMOUNTS IN ACRE-FEET)

BAJA SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION <sup>1</sup>	2014-15 CARRYOVER <sup>2</sup>	2015-16 FPA <sup>3</sup>	2014-15 CARRYOVER IN LIEU OF REPLACEMENT <sup>4</sup>	2014-15 CARRYOVER IN LIEU OF MAKEUP <sup>5</sup>	2015-16 FPA IN LIEU OF MAKEUP <sup>6</sup>	
AQUA CAPITAL MANAGEMENT, LP				124			CALICO LAKES HOMEOWNERS ASSOCIATION
AQUA CAPITAL MANAGEMENT, LP				46			IM, NICHOLAS NAK-KYUN
AQUA CAPITAL MANAGEMENT, LP			250				ST. ANTONY COPTIC ORTHODOX MONASTERY
AQUA CAPITAL MANAGEMENT, LP		250					ST. ANTONY COPTIC ORTHODOX MONASTERY
AQUA CAPITAL MANAGEMENT, LP				116			ST. ANTONY COPTIC ORTHODOX MONASTERY
AQUA CAPITAL MANAGEMENT, LP				44			VAN BASTELAAR, ALPHONSE
ARCHIBEK, ERIC				118			BROWN, RONALD A.
ARCHIBEK, ERIC		58					KASNER, ROBERT
BARBER, JAMES B.		92					O. F. D. L., INC.
BARBER, JAMES B.			8				O. F. D. L., INC.
BREDELIS, RONALD C. AND JEAN		25					LAKE JODIE PROPERTY OWNERS ASSOCIATION
CHAPMAN UNIVERSITY	54						EVERT FAMILY TRUST
CLINE, VIVIAN D.	16						LAKE WAINANI OWNERS ASSOCIATION
DE JONG FAMILY TRUST		150					CF PROPERTIES, LLC
FAWCETT, EDWARD C.	10						JACKES, JAMES F.
FAWCETT, EDWARD C.	10						NEWBERRY SPRINGS RECREATIONAL LAKE ASSOCIATION
FAWCETT, EDWARD C.		2					WLSR, INC.
FAWCETT, EDWARD C.				8			WLSR, INC.
GARG, OM P.		20					CHEYENNE LAKE, INC.
GARG, OM P.		20					O. F. D. L., INC.
GARG, OM P.		75					SUNDOWN LAKES, INC.
GARG, OM P.		76					WET SET, INC.
GARG, OM P.		75					WLSR, INC.
GENON ENERGY, INC.		700					DE JONG FAMILY TRUST
GENON ENERGY, INC.		600					GABRYCH, EUGENE
GENON ENERGY, INC.		500					HARTER, JOE AND SUE
GENON ENERGY, INC.		1,000					KASNER FAMILY LIMITED PARTNERSHIP
GENON ENERGY, INC.		900					KASNER, ROBERT
HAAS, BRYAN C. AND HINKLE, MARY H.	80						WET SET, INC.
HARTER, JOE AND SUE		300					VANDER DUSSEN TRUST, AGNES AND EDWARD
HASS, PAULINE L.		19					LAKE JODIE PROPERTY OWNERS ASSOCIATION
HILARIDES 1998 REVOCABLE FAMILY TRUST		152					HACKBARTH, EDWARD E.
HORTON, JOHN				82			HORTON'S CHILDREN'S TRUST
HUTCHISON TRUST, WILLIAM O.		200					ARCHIBEK, ERIC

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BAJA SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION <sup>1</sup>	2014-15 CARRYOVER <sup>2</sup>	2015-16 FPA <sup>3</sup>	2014-15 CARRYOVER IN LIEU OF REPLACEMENT <sup>4</sup>	2014-15 CARRYOVER IN LIEU OF MAKEUP <sup>5</sup>	2015-16 FPA IN LIEU OF MAKEUP <sup>6</sup>	
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST		10					IRVIN, BERTRAND W.
JOHNSON, JAMES R. AND ELLEN		111					LAKE JODIE PROPERTY OWNERS ASSOCIATION
KASNER FAMILY LIMITED PARTNERSHIP				87			KASNER, ROBERT
KASNER FAMILY LIMITED PARTNERSHIP		406					KASNER, ROBERT
KIEL, MARY	34						SAGABEAN-BARKER, KANOELOKELANI L.
KIEL, MARY		19					SAGABEAN-BARKER, KANOELOKELANI L.
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR		125					LAKE JODIE PROPERTY OWNERS ASSOCIATION
MORRIS TRUST, JULIA V.		167					CF PROPERTIES, LLC
NEW SPRINGS LIMITED PARTNERSHIP		250					AQUA CAPITAL MANAGEMENT, LP
NEW SPRINGS LIMITED PARTNERSHIP			250				AQUA CAPITAL MANAGEMENT, LP
NEW SPRINGS LIMITED PARTNERSHIP		330					AQUA CAPITAL MANAGEMENT, LP
NEW SPRINGS LIMITED PARTNERSHIP				102			SMITH, DENISE DBA AMEREQUINE BEAUTY, INC
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	39						CHEYENNE LAKE, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	39						CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		10					LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION				7			LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	39						LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	39						LAKE WAINANI OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	39						O. F. D. L., INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION				10			SUNDOWN LAKES, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	39						SUNDOWN LAKES, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION				18			WET SET, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	39						WET SET, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	39						WLSR, INC.
OLD GROVE PROPERTIES, LLC	24						35250 YERMO, LLC
OLD GROVE PROPERTIES, LLC		14					35250 YERMO, LLC
QUIGG AND COMPANY, INC.	81						NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
QUIGG AND COMPANY, INC.		45					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
REEVES, RICHARD	224						NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
REEVES, RICHARD		34					O. F. D. L., INC.
REEVES, RICHARD		90					WLSR, INC.
<b>TOTAL</b>	<b>845</b>	<b>6,825</b>	<b>508</b>	<b>762</b>			
<b>TOTAL - ALL SUBAREAS</b>	<b>5,534</b>	<b>16,116</b>	<b>3,111</b>	<b>14,469</b>	<b>2,252</b>	<b>571</b>	



## NOTES FOR APPENDIX E

- 1 TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT DURING 2015-16.
- 2 TRANSFERS OF 2014-15 CARRYOVER (UNUSED FPA) FOR USE DURING 2015-16.
- 3 TRANSFERS OF 2015-16 FREE PRODUCTION ALLOWANCE FOR USE DURING 2015-16.
- 4 2014-15 CARRYOVER IN LIEU OF REPLACEMENT TRANSFERS ARE MADE ONLY FOR SATISFACTION OF REPLACEMENT WATER OBLIGATIONS INCURRED DURING 2014-15.
- 5 2014-15 CARRYOVER IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2014-15.
- 6 2015-16 FPA IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2014-15.

## **APPENDIX F**

### **BALANCES IN STORAGE AGREEMENTS**

APPENDIX F

MARCH 22, 2017

STORAGE AGREEMENT ACCOUNTING AND BALANCES  
2015-16 WATER YEAR  
(ALL AMOUNTS IN ACRE-FEET)

STORER	STORAGE AGREEMENT				ACTIVITY				BALANCE AS OF 9/30/16
	INITIATION DATE	EXPIRATION DATE	MAXIMUM AMOUNT <sup>1</sup>	AMOUNT STORED AS OF 10/1/15	ADDITIONS	LOSSES <sup>2</sup>	DISSIPATION <sup>3</sup>	EXTRACTIONS	
VICTORVILLE WATER DISTRICT, ID#1 - INJECTION	05/23/2012	05/31/2017	13,000	3,040.87	294.41	0.00	-19.00	-63.50	3,252.78
VICTORVILLE WATER DISTRICT, ID#1 - PERCOLATION	07/27/2016	09/30/2018	0	0.00	2,840.00	-85.20	0.00	0.00	2,754.80
<b>VICTORVILLE WATER DISTRICT, ID#1 TOTAL</b>			<b>13,000</b>	<b>3,040.87</b>	<b>3,134.41</b>	<b>-85.20</b>	<b>-19.00</b>	<b>-63.50</b>	<b>6,007.58</b>

NOTES:

- VICTORVILLE WATER DISTRICT, ID#1 HAS A MAXIMUM STORAGE AMOUNT OF 13,000 ACRE-FEET COMBINED BETWEEN THE TWO STORAGE AGREEMENTS.
- LOSSES INCLUDE SHRINKAGE, RECHARGE LOSSES AND MIGRATION LOSSES OR SPILLAGE AMOUNTS LOST TO BASIN DISCHARGE. LOSSES HAVE BEEN DETERMINED TO BE 3 PERCENT..
- 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, 2016**



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

**Annual Financial Report**

**For the Fiscal Year Ended June 30, 2016**



**Mojave Basin Area Watermaster  
Annual Financial Report  
For the Fiscal Year Ended June 30, 2016**

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## **Financial Section**



**Fedak & Brown LLP**  
Certified Public Accountants

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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 statement of net position as of June 30, 2016, and the related statement of revenues, expenses and changes in net position, and cash flows for the year 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 audits 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, 2016, and the changes in its net position and its cash flows for the year 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 (GASB) Statement No. 72 – *Fair Value Measurement and Application* and No. 79 – *Certain External Investment Pools and Pool Participants*, for the year ended June 30, 2016. Our opinion is not modified with respect to these matters.

### ***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 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.

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

In accordance with Government Auditing Standards, we have also issued a report dated October 27, 2016, 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 18 and 19.

*Fedak & Brown LLP*

**Fedak & Brown LLP**

Cypress, California

October 27, 2016

**Mojave Basin Area Watermaster**  
**Management's Discussion and Analysis**  
**For the Fiscal Year Ended June 30, 2016**

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 year ended June 30, 2016. 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**

- In fiscal year 2016, the Watermaster's net position increased 67.1% or \$455,584 to \$1,135,026 as a result of a \$15,460 decrease from current year operations, offset by an increase of \$471,044 due to a transfer of net position to the Mojave Water Agency. See note 5 for further discussion.
- In fiscal year 2016, the Watermaster's operating revenues decreased 80.9% or \$2,335,322 to \$551,855 primarily due to a decrease of water assessments as a result of water conservation efforts.
- In fiscal year 2016, the Watermaster's operating expenses decreased 78.2% or \$2,141,730 to \$597,655 primarily due to decreases of \$2,127,026 in state water project importation charges.

**Required Financial Statements**

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

The Statement of Net Position include all of the Watermaster's investments in resources (assets) and obligations to creditors (liabilities). It also provides the basis for computing a rate of return, evaluating the capital structure of the Watermaster and assessing the liquidity and financial flexibility of the Watermaster. All of the current year's revenues and expenses are accounted for in the Statement of Revenues, Expenses and Changes in Net Position. These statements measure the success of the Watermaster's operations over the past years and can be used to determine if the Watermaster has successfully recovered all of its costs through its rates and other charges. These statements 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 periods. The Statement of Cash Flows report cash receipts, cash payments and net changes in cash resulting from operations, investing, non-capital financing, and capital and related financing activities and provide 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.

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

**Mojave Basin Area Watermaster**  
**Management's Discussion and Analysis, continued**  
**For the Fiscal Year Ended June 30, 2016**

**Financial Analysis of the Watermaster, continued**

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 and liabilities – as one way to measure the Watermaster's financial health, or *financial position*. Over time, *increases or decreases* in the Watermaster's net 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 17.

**Statements of Net Position**

**Condensed Statements of Net Position**

	<u>2016</u>	<u>2015</u>	<u>Change</u>
<b>Assets:</b>			
Current assets	\$ 1,346,242	3,617,659	(2,271,417)
<b>Total assets</b>	<u>1,346,242</u>	<u>3,617,659</u>	<u>(2,271,417)</u>
<b>Deferred outflows of resources</b>	<u>-</u>	<u>63,214</u>	<u>(63,214)</u>
<b>Liabilities:</b>			
Current liabilities	<u>211,216</u>	<u>2,862,384</u>	<u>(2,651,168)</u>
<b>Total liabilities</b>	<u>211,216</u>	<u>2,862,384</u>	<u>(2,651,168)</u>
<b>Deferred outflows of resources</b>	<u>-</u>	<u>139,047</u>	<u>(139,047)</u>
<b>Net position:</b>			
Restricted for watermaster	<u>1,135,026</u>	<u>679,442</u>	<u>455,584</u>
<b>Total net position</b>	<u>\$ 1,135,026</u>	<u>679,442</u>	<u>455,584</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 \$1,135,026 and \$679,442 as of June 30, 2016 and 2015, respectively.

At the end of fiscal years 2016 and 2015, the Watermaster showed a restricted net position balance of \$1,135,026 and \$679,442, 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 Year Ended June 30, 2016**

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

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

	<u>2016</u>	<u>2015</u>	<u>Change</u>
<b>Revenue:</b>			
Operating revenue	\$ 551,855	2,887,177	(2,335,322)
Non-operating revenue	<u>30,340</u>	<u>2,384</u>	<u>27,956</u>
<b>Total revenue</b>	<u>582,195</u>	<u>2,889,561</u>	<u>(2,307,366)</u>
<b>Expense:</b>			
Operating expense	597,655	2,739,385	(2,141,730)
Non-operating expense	<u>-</u>	<u>118,536</u>	<u>(118,536)</u>
<b>Total expense</b>	<u>597,655</u>	<u>2,857,921</u>	<u>(2,260,266)</u>
<b>Operating income(loss)</b>	<u>(15,460)</u>	<u>31,640</u>	<u>(47,100)</u>
<b>Transfers in of net position</b>	<u>471,044</u>	<u>-</u>	<u>471,044</u>
<b>Change in net position</b>	<u>455,584</u>	<u>31,640</u>	<u>423,944</u>
<b>Net position – beginning of year</b>	679,442	1,120,735	(441,293)
<b>Prior period adjustment</b>	-	(472,933)	472,933
<b>Net position – beginning of year – as restated</b>	<u>679,442</u>	<u>647,802</u>	<u>31,640</u>
<b>Net position – end of year</b>	<u>\$ 1,135,026</u>	<u>679,442</u>	<u>455,584</u>

The statement 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 increased by \$455,584 for the fiscal year ended June 30, 2016, as a result of a \$15,460 decrease from current year operations, offset by an increase of \$471,044 due to a transfer of net position to the Mojave Water Agency. See note 5 for further discussion.

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

In fiscal year 2016, the Watermaster's operating revenues decreased 80.9% or \$2,335,322 to \$551,855 primarily due to a decrease in water assessments as a result of water conservation efforts.

In fiscal year 2016, the Watermaster's operating expenses decreased 78.2% or \$2,141,730 to \$597,655 primarily due to decreases of \$2,127,026 in state water project importation charges and \$14,704 in operating costs.

**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**  
**Statement of Net Position**  
**June 30, 2016**

	<u><b>2016</b></u>
<b>Current assets:</b>	
Cash and cash equivalents – restricted (note 2)	\$ 1,258,956
Accrued interest receivable	1,254
Accounts receivable – watermaster assessments	84,362
Due from Mojave Water Agency	<u>1,670</u>
<b>Total current assets</b>	<u><b>1,346,242</b></u>
<b>Current liabilities:</b>	
Accounts payable and accrued expenses (note 3)	<u>211,216</u>
<b>Total current liabilities</b>	<u><b>211,216</b></u>
<b>Net position</b> (note 4):	
Restricted for watermaster	<u>1,135,026</u>
<b>Total net position</b>	<u><b>\$ 1,135,026</b></u>

See accompanying notes to the basic financial statements

**Mojave Basin Area Watermaster**  
**Statement of Revenues, Expenses and Changes in Net Position**  
**For the Fiscal Year Ended June 30, 2016**

	<u>2016</u>
<b>Operating revenues:</b>	
Administrative assessments	\$ 421,494
Biological assessments	108,358
Replacement assessments	19,844
Make-up assessments	<u>2,159</u>
Total operating revenues	<u>551,855</u>
<b>Operating expenses:</b>	
State water project importation charges	179,730
Operating costs	<u>417,925</u>
Total operating expenses	<u>597,655</u>
<b>Operating income</b>	<u>(45,800)</u>
<b>Non-operating revenue</b>	
Investment earnings	4,480
Other non-operating revenue, net	<u>25,860</u>
Total non-operating revenues, net	<u>30,340</u>
Transfers of net position to Mojave Water Agency (note 5)	<u>471,044</u>
<b>Change in net position</b>	455,584
<b>Net position – beginning of year</b>	<u>679,442</u>
<b>Net position – end of year</b>	<u>\$ 1,135,026</u>

See accompanying notes to the basic financial statements

**Mojave Basin Area Watermaster**  
**Statement of Cash Flows**  
**For the Fiscal Year Ended June 30, 2016**

	<u>2016</u>
Cash flows from operating activities:	
Cash receipts from customers	\$ 568,574
Cash paid to vendors and suppliers	(2,283,308)
Cash paid to employees for salaries and wages	<u>(533,288)</u>
Net cash used in operating activities	<u>(2,248,022)</u>
Cash flows from non-capital financing activities:	
Transfers to Mojave Water Agency	<u>(12,826)</u>
Net cash used in non-capital financing activities	<u>(12,826)</u>
Cash flows from investing activities:	
Investment earnings	<u>3,875</u>
Net cash provided by investing activities	<u>3,875</u>
<b>Net decrease in cash and cash equivalents</b>	(2,256,973)
Cash and cash equivalents – beginning of year	<u>3,515,929</u>
Cash and cash equivalents – end of year	\$ <u><u>1,258,956</u></u>
Reconciliation of cash and cash equivalents to statements of financial position:	
Cash and cash equivalents – restricted	\$ <u>1,258,956</u>
Total cash and cash equivalents	\$ <u><u>1,258,956</u></u>

Continued on next page

See accompanying notes to the basic financial statements



**Mojave Basin Area Watermaster  
Statement of Cash Flows, continued  
For the Fiscal Year Ended June 30, 2016**

	<u>2016</u>
Reconciliation of operating loss to net cash used in operating activities:	
Operating loss	\$ <u>(45,800)</u>
Adjustments to reconcile operating income(loss) to net cash used in operating activities:	
Other non-operating revenue(expense), net	25,860
Changes in assets and liabilities:	
(Increase)decrease in assets:	
Accounts receivable – watermaster assessments	16,719
Increase(decrease) in liabilities:	
Accounts payable and accrued expenses	<u>(2,244,801)</u>
Total adjustments	<u>(2,202,222)</u>
Net cash used in operating activitites	\$ <u><u>(2,248,022)</u></u>

See accompanying notes to the basic financial statements

**Mojave Basin Area Watermaster  
Notes to the Financial Statements  
For the Fiscal Year Ended June 30, 2016**

**(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 Agency 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 Year Ended June 30, 2016**

**(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 February 2015, the GASB issued Statement No. 72 – *Fair Value Measurement and Application*, effective for financial statements for periods beginning after June 15, 2015. The objective of this Statement is to enhance comparability of financial statements among governments by measurement of certain assets and liabilities at their fair value using a consistent and more detailed definition of fair value and accepted valuation techniques. The definition of *fair value* is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. This Statement establishes a hierarchy of inputs to valuation techniques used to measure fair value.

In June 2015, the GASB issued Statement No. 76 – *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*, effective for financial statements for periods beginning after June 15, 2015. This Statement replaces the requirements of Statement No. 55, *The Hierarchy of Generally Accepted Accounting Principles for State and Local Governments*. The objective of this Statement is to identify – in the context of the current governmental financial reporting environment – the hierarchy of generally accepted accounting principles (GAAP). The “GAAP hierarchy” consists of the sources of accounting principles used to prepare financial statements of local governmental entities in conformity with GAAP and the framework for selecting those principles. This statement reduces the GAAP hierarchy to two categories of authoritative GAAP and addresses the use of authoritative and non-authoritative literature in the event that the accounting treatment is not specified within the source of authoritative GAAP.

In December 2015, the GASB issued Statement No. 79 – *Certain External Investment Pools and Pool Participants*, effective for financial statements for periods beginning after June 15, 2015. This Statement enhances comparability of financial statements among governments by establishing specific criteria used to determine whether a qualifying external investment pool may elect to use an amortized cost exception to fair value measurement. Those criteria will provide qualifying external investment pools and participants in those pools with consistent application of an amortized cost-based measurement for financial reporting purposes. That measurement approximates fair value and mirrors the operations of external investment pools that transact with participants at a stable net asset value per share.

**D. Assets, Deferred Outflows of Resources, Liabilities, Deferred Inflows of Resources 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 Year Ended June 30, 2016**

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

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

**4. Fair Value Measurements**

The Watermaster categorizes its fair value measurements within the fair value hierarchy established by generally accepted accounting principles. The hierarchy is based on valuation inputs used to measure the fair value of the asset, as follows:

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

**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. 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.
- **Unrestricted Component of Net Position** – This component of net position is the net amount of the assets and, liabilities 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 Year Ended June 30, 2016**

**(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.

The Watermaster's deposit and withdrawal restrictions and limitations are as follows:

- Same day transaction processing occurs for orders received before 10:00 a.m.
- Next day transactions processing occurs for orders received after 10:00 a.m.
- Maximum limit of 15 transactions (combination of deposits and withdrawals) per month.
- Minimum transaction amount requirement of \$5,000, in increments of a \$1,000 dollars.
- Withdrawals of \$10,000,000 or more require 24 hours advance.
- Prior to funds transfer, an authorized person must call LAIF to do a verbal transaction.

***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:

	<u>2016</u>
Restricted – cash and cash equivalents	\$ <u>1,258,956</u>
Total cash and cash equivalents	\$ <u><u>1,258,956</u></u>

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

	<u>2016</u>
Deposits with financial institutions	\$ 336,558
Local Agency Investment Fund (LAIF)	<u>922,398</u>
Total cash and cash equivalents	\$ <u><u>1,258,956</u></u>

**Mojave Basin Area Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Year Ended June 30, 2016**

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

***Custodial Credit Risk, continued***

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

	<u><b>2016</b></u>
Deposits held with California Local Agency Investment Fund (LAIF)	167 days

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.

**(3) Accounts Payable and Accrued Expenses**

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

	<u><b>2016</b></u>
Replacement water deliveries	\$ 99,277
Other accounts payable	<u>111,939</u>
Total accounts payable and accrued expenses	\$ <u><u>211,216</u></u>

**Mojave Basin Area Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Year Ended June 30, 2016**

**(4) Net Position**

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

	<u>2016</u>
Restricted net position:	
Administrative	\$ 282,496
Biological resources trust	539,681
Replacement water	309,040
Make-up water	<u>3,809</u>
Total restricted net position	<u>\$ 1,135,026</u>

**(5) Fund Transfer of Net Position**

During fiscal year 2016, the Agency determined the net pension liability was the responsibility of the Agency for the fiscal year June 30, 2015. At June 30, 2016, the Agency transferred the related balances for deferred pension outflows, net pension liability; deferred pension inflows, and related net position of \$471,044 from the Watermaster to the Agency.

**(6) 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.

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, 2016, 2015, and 2014. 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, 2016, 2015, and 2014.

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

The Governmental Accounting Standards Board (GASB) has issued several pronouncements prior to June 30, 2016, that has effective dates that may impact future financial presentations.

***Governmental Accounting Standards Board Statement No. 74***

In June 2015, the GASB issued Statement No. 74 – *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*. The objective of this Statement is to improve the usefulness or information about postemployment benefits other than pensions (other postemployment benefits of OPEB) included in the general purpose external financial reports of state and local governmental OPEB plans for making decisions and assessing accountability.

This Statement replaces Statements No. 43, *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*, as amended, and No. 57, *OPEB Measurements by Agent Employers and Multiple-Employer Plans*. It also includes requirements for defined contribution OPEB plans that replace the requirements for those OPEB plans in Statement No. 25, *Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans*, as amended, Statement 43, and Statement No.50, *Pension Disclosures*.

**Mojave Basin Area Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Year Ended June 30, 2016**

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

***Governmental Accounting Standards Board Statement No. 74, continued***

The provisions of this Statement are effective for financial statements for periods beginning after June 15, 2016. The impact of the implementation of this Statement to the Agency's financial statements has not been assessed at this time.

***Governmental Accounting Standards Board Statement No. 75***

In June 2015, the GASB issued Statement No. 75 – *Accounting and Financial Reporting for Postemployment Benefits Other Than Pensions*. The objective of this Statement is to improve accounting and financial reporting by state and local governments for postemployment benefits other than pensions (OPEB). It also improves information provided by state and local governmental employers about financial support for OPEB that is provided by other entities.

This Statement replaces the requirements of Statement No. 45, *Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions*, as amended, and No. 57, *OPEB Measurements by Agent Employers and Agent Multiple-Employer Plans*, for OPEB. The provisions of this Statement are effective for financial statements for periods beginning after June 15, 2017. The impact of the implementation of this Statement to the Agency's financial statements has not been assessed at this time.

***Governmental Accounting Standards Board Statement No. 77***

In August 2015, the GASB issued Statement No. 77 – *Tax Abatement Disclosures*. The objective of this Statement is to improve financial reporting by giving users of financial statements essential information that is not consistently or comprehensively reported to the public at present. Financial statement users need information about certain limitations on a government's ability to raise resources. This includes limitations on revenue-raising capacity resulting from governmental programs that use tax abatements to induce behavior by individuals and entities that is beneficial to the government or its citizens. Tax abatements are widely used by state and local governments, particularly to encourage economic development. This Statement is effective for financial statements for periods beginning after December 15, 2015. It is believed that the implementation of this Statement will not have a material effect to the Agency's financial statements.

***Governmental Accounting Standards Board Statement No. 80***

In January 2016, the GASB issued Statement No. 80 – *Blending Requirements for Certain Component Units – An Amendment of GASB Statement No. 14*. The objective of this Statement is to improve financial reporting for irrevocable split-interest agreements by providing recognition and measurement guidance for situations in which a government is a beneficiary of the agreement. The additional criterion requires blending of a component unit incorporated as a not-for-profit corporation in which the primary government is the sole corporate member. The additional criterion does not apply to component units included in the financial reporting entity pursuant to the provisions of Statement No. 39, *Determining Whether Certain Organizations Are Component Units*. This Statement is effective for financial statements for periods beginning after June 15, 2016. It is believed that the implementation of this Statement will not have a material effect to the Agency's financial statements.



**Mojave Basin Area Watermaster**  
**Notes to the Financial Statements, continued**  
**For the Fiscal Year Ended June 30, 2016**

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

***Governmental Accounting Standards Board Statement No. 81***

In March 2016, the GASB issued Statement No. 81 – *Irrevocable Split-Interest Agreements*. The objective of this Statement is to improve accounting and financial reporting for irrevocable split-interest agreements by providing recognition and measurement guidance for situations in which a government is a beneficiary of the agreement. This Statement requires that a government that receives resources pursuant to an irrevocable split-interest agreement recognize assets, liabilities, and deferred inflows of resources at the inception of the agreement. Furthermore, this Statement requires that a government recognize assets representing its beneficial interests in irrevocable split-interest agreements that are administered by a third party, if the government controls the present service capacity of the beneficial interests. This Statement requires that a government recognize revenue when the resources become applicable to the reporting period. This Statement is effective for financial statements for periods beginning after December 15, 2016. It is believed that the implementation of this Statement will not have a material effect to the Agency's financial statements.

***Governmental Accounting Standards Board Statement No. 82***

In March 2016, the GASB issued Statement No. 82 – *Pension Issues-an amendment of GASB Statements No. 67, No. 68, and No.73*. This Statement addresses issues regarding (1) the presentation of payroll-related measures in required supplementary information, (2) the selection of assumptions and the treatment of deviations from the guidance in an Actuarial Standard of Practice for financial reporting purposes, and (3) the classification of payments made by employers to satisfy employee (plan member) contribution requirements. This Statement is effective for financial statements for periods beginning after June 15, 2016. It is believed that the implementation of this Statement will not have a material effect to the Agency's financial statements.

**(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, 2016, have been evaluated for possible adjustment to the financial statements or disclosure as of October 27, 2016, 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.

# **Report on Internal Controls and Compliance**



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Certified Public Accountants

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**Independent Auditor's Report on Internal Controls Over Financial Reporting  
And on Compliance and Other Matters Based on 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 year ended June 30, 2016, and the related notes to the financial statements, which collectively comprises the Watermaster's basic financial statements, and have issued our report thereon dated October 27, 2016.

**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 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  
October 27, 2016

## **APPENDIX H**

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17**

**AND PROPOSED FREE PRODUCTION ALLOWANCE**

**FOR WATER YEAR 2017-18**

**APPENDIX H**

MARCH 22, 2017

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17  
AND  
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18  
(ALL AMOUNTS IN ACRE-FEET)**

**ESTE SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		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 LIVING TRUST	0	0	0	80%	0	0	80%
AHN REVOCABLE TRUST	28	21	23	80%	44	23	80%
AHN, CHUN SOO AND DAVID (FORMERLY: HARVEY, LISA M.)	400	320	320	80%	640	320	80%
ANDERSON, ROSS C. AND BETTY J.	34	28	28	80%	56	28	80%
AVILA, ANGEL AND EVALIA	573	459	459	80%	918	459	80%
BAR H MUTUAL WATER COMPANY	53	43	43	80%	86	43	80%
BELL, CHUCK	494	396	396	80%	792	396	80%
BRACHT, WILLIAM F. AND ALEXANDER, ALICIA M.	50	40	40	80%	80	40	80%
CASA COLINA FOUNDATION	90	51	72	80%	123	72	80%
CENTER WATER COMPANY	40	32	32	80%	64	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%
DACOSTA, DEAN EDWARD (FORMERLY: VIROSTECK, STEVE AND JULIE)	56	45	45	80%	90	45	80%
DAHLQUIST, GEORGE R.	594	476	476	80%	952	476	80%
DESERT DAWN MUTUAL WATER COMPANY	15	0	12	80%	12	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	1,200	1,200	80%	2,400	1,200	80%
GAETA, TRINIDAD	512	410	410	80%	820	410	80%
GARDENA MISSION CHURCH, INC.	0	0	0	80%	0	0	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%

**APPENDIX H**

MARCH 22, 2017

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17  
AND  
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18  
(ALL AMOUNTS IN ACRE-FEET)**

**ESTE SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
HAL-DOR LTD.	23	19	19	80%	38	19	80%
HARVEY, LISA M.	300	240	240	80%	480	240	80%
HERT, SCOTT	276	221	221	80%	442	221	80%
HI-GRADE MATERIALS COMPANY	442	354	354	80%	708	354	80%
HITCHIN LUCERNE, INC.	16	13	13	80%	26	13	80%
JUBILEE MUTUAL WATER COMPANY	142	36	114	80%	150	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	13	17	80%	30	17	80%
M.B. LANDSCAPING AND NURSERY, INC.	1,773	1,351	1,419	80%	2,770	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%
OASIS WORLD MISSION	0	0	0	80%	0	0	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%

APPENDIX H

MARCH 22, 2017

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17  
AND  
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18  
(ALL AMOUNTS IN ACRE-FEET)

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
S AND E 786 ENTERPRISES, LLC (FORMERLY: CAMPBELL FAMILY TRUST)	597	478	478	80%	956	478	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%
THE CUSHENBURY TRUST, C/O SPECIALTY MINERALS, INC.	10	8	8	80%	16	8	80%
VIROSTECK, STEVE AND JULIE	0	0	0	80%	0	0	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%
<b>TOTAL</b>	<b>19,251</b>	<b>15,053</b>	<b>15,422</b>		<b>30,475</b>	<b>15,422</b>	



APPENDIX H

MARCH 22, 2017

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17  
AND  
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18  
(ALL AMOUNTS IN ACRE-FEET)

OESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		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	0	968	80%	968	968	80%
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 4)	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%
<b>TOTAL</b>	<b>6,857</b>	<b>4,520</b>	<b>5,488</b>		<b>10,008</b>	<b>5,488</b>	

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17  
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**ALTO SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
ABBOTT, CARRON	12	10	10	80%	20	10	80%
ADELANTO, CITY OF	4,366	0	2,620	60%	2,620	2,620	60%
ADES, JOHN AND DEVON	37	30	30	80%	60	30	80%
AGCON, INC.	384	77	231	60%	308	231	60%
AMERICAN STATES WATER COMPANY	1,000	596	600	60%	1,196	600	60%
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	25	101	60%	126	101	60%
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	0	75	60%	75	75	60%
APPLE VALLEY UNIFIED SCHOOL DISTRICT	0	0	0	60%	0	0	60%
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	0	22	60%	22	22	60%
APPLE VALLEY, TOWN OF	1,082	273	650	60%	923	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	412	412	80%	824	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	800	614	640	80%	1,254	640	80%
BROWN, BOBBY G. AND VALERIA R.	42	32	34	80%	66	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%
CALPORTLAND COMPANY - AGRICULTURE (FORMERLY: RIVERSIDE CEMENT COMPANY - AGRICULTURE)	643	419	515	80%	934	515	80%
CALPORTLAND COMPANY - ORO GRANDE PLANT (FORMERLY: RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT)	2,809	1,382	1,686	60%	3,068	1,686	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%

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**ALTO SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
CUNNINGHAM, JERRY	14	12	12	80%	24	12	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%
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	507	507	80%	1,014	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	8	16	80%	24	16	80%
HAMILTON FAMILY TRUST	108	75	87	80%	162	87	80%
HELENDALE COMMUNITY SERVICES DISTRICT	3,707	494	2,225	60%	2,719	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	13,707	0	8,225	60%	8,225	8,225	60%
HESPERIA, CITY OF	6,736	4,042	4,042	60%	8,084	4,042	60%
HI-GRADE MATERIALS COMPANY	149	76	90	60%	166	90	60%
HOLWAY JEFFREY R AND PATRICIA GAGE	8	7	7	80%	14	7	80%
HOLWAY, JEFFREY R	11	9	9	80%	18	9	80%

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**ALTO SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
HUNT, CONNIE	66	53	53	80%	106	53	80%
JAMBOREE HOUSING CORPORATION	0	0	0	60%	0	0	60%
JESS RANCH WATER COMPANY	7,230	3,659	4,338	60%	7,997	4,338	60%
JOHNSON, CARLEAN	23	6	19	80%	25	19	80%
JOHNSON, RONALD	31	25	25	80%	50	25	80%
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	100	102	80%	202	102	80%
KANESAKA, KENJI AND YUKARI	0	0	0	80%	0	0	80%
KEMPER CAMPBELL RANCH	473	58	379	80%	437	379	80%
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	527	527	80%	1,054	527	80%
LANGLEY, JAMES	5	4	4	80%	8	4	80%
LAWSON, ERNEST AND BARBARA	15	12	12	80%	24	12	80%
LENHERT, RONALD AND TONI	37	30	30	80%	60	30	80%
LHC ALLIGATOR, LLC	498	399	399	80%	798	399	80%
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. (FORMERLY: APPLE VALLEY RANCHOS WATER COMPANY)	13,610	2,349	8,166	60%	10,515	8,166	60%
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	239	240	80%	479	240	80%
MARIANA RANCHOS COUNTY WATER DISTRICT	245	0	147	60%	147	147	60%
MCINNIS, WILLIAM S.	30	18	24	80%	42	24	80%
MCKINNEY, PAULA	33	27	27	80%	54	27	80%
MLH, LLC	13	3	11	80%	14	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%
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	0	0	0	80%	0	0	80%

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**ALTO SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
PHAM, ET AL.	0	0	0	80%	0	0	80%
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	95	213	60%	308	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%
RUE RANCH	30	13	24	80%	37	24	80%
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTER	0	0	0	60%	0	0	60%
SAN BERNARDINO COUNTY SERVICE AREA 42	465	214	279	60%	493	279	60%
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	707	2,294	60%	3,001	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	27	34	80%	61	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	916	2,993	60%	3,909	2,993	60%
SPRING VALLEY LAKE ASSOCIATION	3,768	0	2,261	60%	2,261	2,261	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	15	16	80%	31	16	80%
SUMMIT VALLEY RANCH, LLC	57	38	46	80%	84	46	80%
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	330	335	80%	665	335	80%
THOMPSON LIVING TRUST, R.L. AND R.A.	13	6	11	80%	17	11	80%
THRASHER, GARY	373	171	299	80%	470	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	288	288	80%	576	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%

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**ALTO SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
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 FAMILY TRUST	11	9	9	80%	18	9	80%
WARD, KEN AND BARBARA	65	22	52	80%	74	52	80%
WEST, HOWARD AND SUZY	72	58	58	80%	116	58	80%
WEST, JIMMIE E.	10	7	8	80%	15	8	80%
WESTERN RIVERS CONSERVANCY (FORMERLY: ROSS, CARL E. LIVING TRUST)	10	7	8	80%	15	8	80%
WESTERN WATER COMPANY	15	12	12	80%	24	12	80%
WESTLAND INDUSTRIES, INC.	54	20	33	60%	53	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%
<b>TOTAL</b>	<b>114,308</b>	<b>21,802</b>	<b>70,514</b>		<b>92,316</b>	<b>70,514</b>	

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**CENTRO SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			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	64	96	80%	160	96	80%
BAR-LEN MUTUAL WATER COMPANY	48	1	39	80%	40	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%
CHONG, JOAN (FORMERLY: KENWOOD MANAGEMENT, LLC)	52	42	42	80%	84	42	80%
CHRISTISON, JOEL	75	60	60	80%	120	60	80%
CONTRATTO, ERSULA	151	117	121	80%	238	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	0	16	80%	16	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	0	11	80%	11	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	86	104	80%	190	104	80%
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	122	122	80%	244	122	80%
HARMSSEN FAMILY TRUST	722	483	578	80%	1,061	578	80%
HARPER LAKE COMPANY VIII	1,433	805	1,147	80%	1,952	1,147	80%

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**CENTRO SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
HELENDALE COMMUNITY SERVICES DISTRICT	19	0	16	80%	16	16	80%
HENSLEY, MARK P.	27	22	22	80%	44	22	80%
HI DESERT MUTUAL WATER COMPANY	34	8	28	80%	36	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%
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	4,474	3,580	3,580	80%	7,160	3,580	80%
RIOS, MARIANO V.	8	4	7	80%	11	7	80%
RIVERO, FIDEL V.	20	16	16	80%	32	16	80%
RUISCH TRUST, DALE W. AND NELLIE H.	650	385	520	80%	905	520	80%



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CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
SERVICE ROCK PRODUCTS CORPORATION	766	613	613	80%	1,226	613	80%
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	186	186	80%	372	186	80%
SOPPELAND REVOCABLE TRUST	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	1,111	1,172	80%	2,283	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	161	637	80%	798	637	80%
WERNER, ANDREW J.	18	0	15	80%	15	15	80%
WESTERN DEVELOPMENT AND STORAGE, LLC	6	0	5	80%	5	5	80%
WITHEY, CONNIE	22	18	18	80%	36	18	80%
<b>TOTAL</b>	<b>49,477</b>	<b>37,365</b>	<b>38,652</b>		<b>76,017</b>	<b>38,652</b>	

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**BAJA SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
35250 YERMO, LLC (FORMERLY: OLD GROVE PROPERTIES, LLC)	24	12	11	45%	23	10	40%
AHN, CHUN SOO AND WHA JA	50	25	23	45%	48	20	40%
AKE, CHARLES J. AND MARJORIE M.	23	12	11	45%	23	10	40%
ARCHIBEK, ERIC	0	0	0	45%	0	0	40%
ARGUELLES, ALFREDO	647	324	292	45%	616	259	40%
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	80	4	36	45%	40	32	40%
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	14	13	45%	27	11	40%
BARBER, JAMES B.	167	39	76	45%	115	67	40%
BARON, SUSAN AND PALMER, CURTIS	26	13	12	45%	25	11	40%
BENDER TRUST, DOLORES M.	0	0	0	45%	0	0	40%
BORGOGNO REVOCABLE LIVING TRUST	1,844	595	830	45%	1,425	738	40%
BORJA, LEONIL T. AND TITAL L.	20	10	9	45%	19	8	40%
BOWMAN, EDWIN L.	11	6	5	45%	11	5	40%
BREDELIS, RONALD C. AND JEAN	64	31	29	45%	60	26	40%
BROWN, RONALD A.	1,080	0	486	45%	486	432	40%
BUDGET FINANCE COMPANY	32	16	15	45%	31	13	40%
BUSH, KEVIN	110	55	50	45%	105	44	40%
CALICO JUNCTION	20	10	9	45%	19	8	40%
CALICO LAKES HOMEOWNERS ASSOCIATION	1,293	313	582	45%	895	518	40%
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	36	32	45%	68	29	40%
CAMANGA, TONY AND MARIETTA	47	24	22	45%	46	19	40%
CAMPBELL, M. A. AND DIANNE	22	11	10	45%	21	9	40%
CARLTON, SUSAN	155	78	70	45%	148	62	40%
CDFW - CAMP CADY	921	461	415	45%	876	369	40%
CF PROPERTIES, LLC	845	289	381	45%	670	338	40%
CHEYENNE LAKE, INC.	426	213	192	45%	405	171	40%
CLARK, ARTHUR	50	25	23	45%	48	20	40%

**APPENDIX H**

MARCH 22, 2017

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17  
AND  
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18  
(ALL AMOUNTS IN ACRE-FEET)**

**BAJA SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
CONNER, WILLIAM H.	25	13	12	45%	25	10	40%
CORBRIDGE, LINDA S.	32	16	15	45%	31	13	40%
CRANDALL, ESTHER	5	3	3	45%	6	2	40%
CROSS, FRANCIS AND BEVERLY	40	20	18	45%	38	16	40%
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	683	227	308	45%	535	274	40%
DAGGETT COMMUNITY SERVICES DISTRICT	304	0	137	45%	137	122	40%
DAGGETT RANCH, LLC	76	38	35	45%	73	31	40%
DE JONG FAMILY TRUST	3,131	1,526	1,409	45%	2,935	1,253	40%
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	15	14	45%	29	12	40%
DOCIMO LIVING TRUST, ALLEN LEE	109	48	50	45%	98	44	40%
DONALDSON, JERRY AND BEVERLY	90	45	41	45%	86	36	40%
DOWELL, LEONARD	23	12	11	45%	23	10	40%
D'SILVA, MELANIE C/O TRINITY PALMS, LLC	54	0	25	45%	25	22	40%
EVERT FAMILY TRUST (FORMERLY: CHAPMAN UNIVERISTY)	54	0	25	45%	25	22	40%
FEJFAR, MONICA KAY	20	10	9	45%	19	8	40%
FERNANDEZ, ARTURO	76	38	35	45%	73	31	40%
FERRO, DENNIS AND NORMA	32	16	15	45%	31	13	40%
FIRST CPA LLC	57	29	26	45%	55	23	40%
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	213	192	45%	405	170	40%
GABRYCH, EUGENE	1,637	793	737	45%	1,530	655	40%
GARCIA, DANIEL	23	12	11	45%	23	10	40%
GARG, OM P.	483	231	218	45%	449	194	40%
GENON ENERGY, INC.	7,194	3,597	3,238	45%	6,835	2,878	40%
GRAY, GEORGE F. AND BETTY E.	94	47	43	45%	90	38	40%
HAAS, BRYAN C. AND HINKLE, MARY H.	0	0	0	45%	0	0	40%
HACKBARTH, EDWARD E.	1,517	182	683	45%	865	607	40%
HANSON AGGREGATES WRP, INC.	31	16	14	45%	30	13	40%

**APPENDIX H**

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17  
AND  
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18  
(ALL AMOUNTS IN ACRE-FEET)**

**BAJA SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
HARESON, NICHOLAS AND MARY	8	4	4	45%	8	4	40%
HARTER, JOE AND SUE	5,234	2,558	2,356	45%	4,914	2,094	40%
HASS, PAULINE L.	35	17	16	45%	33	14	40%
HENDLEY, RICK AND BARBARA	48	24	22	45%	46	20	40%
HIETT, HARRY L.	29	15	14	45%	29	12	40%
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	151	137	45%	288	122	40%
HO, TING-SENG AND AH-GIT	300	150	135	45%	285	120	40%
HOLLISTER, ROBERT H. AND RUTH M.	44	22	20	45%	42	18	40%
HONG, PAUL B. AND MAY	85	43	39	45%	82	34	40%
HOOD FAMILY TRUST	41	21	19	45%	40	17	40%
HORTON, JOHN	242	121	109	45%	230	97	40%
HORTON'S CHILDREN'S TRUST	199	0	90	45%	90	80	40%
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	14	13	45%	27	12	40%
HUNT, RALPH M. AND LILLIAN F.	51	26	23	45%	49	21	40%
HUTCHISON TRUST, WILLIAM O.	368	184	166	45%	350	148	40%
HYATT, JAMES AND BRENDA	210	105	95	45%	200	84	40%
IM, NICHOLAS NAK-KYUN	150	0	68	45%	68	60	40%
IRVIN, BERTRAND W.	29	15	14	45%	29	12	40%
ITALMOOD INC., ET. AL.	190	95	86	45%	181	76	40%
JACKS, JAMES F. (FORMERLY: FAWCETT, EDWARD C.)	10	4	5	45%	9	4	40%
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	27	25	45%	52	22	40%
JACKSON, RAY	20	10	9	45%	19	8	40%
JOHNSON, JAMES R. AND ELLEN	247	105	112	45%	217	99	40%
KARIMI, HOOSHANG	70	35	32	45%	67	28	40%
KASNER FAMILY LIMITED PARTNERSHIP	1,501	371	676	45%	1,047	601	40%
KASNER, ROBERT	5,713	0	2,571	45%	2,571	2,286	40%
KATCHER, AUGUST M. AND MARCELINE	23	12	11	45%	23	10	40%

**APPENDIX H**

MARCH 22, 2017

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17  
AND  
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18  
(ALL AMOUNTS IN ACRE-FEET)**

**BAJA SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
KEMP, ROBERT AND ROSE	32	16	15	45%	31	13	40%
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	382	344	45%	726	306	40%
KIM, SEON JA	50	25	23	45%	48	20	40%
KOEGLER, RONALD R. AND CAROLYN V.	26	13	12	45%	25	11	40%
KOERING, RICHARD AND KOERING, DONNA	20	10	9	45%	19	8	40%
KOROGHLIAN, TED AND NAJWA	15	1	7	45%	8	6	40%
KOSHAREK, JOHN AND JOANN	54	27	25	45%	52	22	40%
LAKE JODIE PROPERTY OWNERS ASSOCIATION	293	47	132	45%	179	118	40%
LAKE WAIKIKI	98	49	45	45%	94	40	40%
LAKE WAINANI OWNERS ASSOCIATION	490	142	221	45%	363	196	40%
LAM, PHILLIP	105	53	48	45%	101	42	40%
LANGLEY, MICHAEL R. AND SHARON	20	7	9	45%	16	8	40%
LAVANH, ET AL.	24	12	11	45%	23	10	40%
LAWRENCE, WILLIAM W.	45	23	21	45%	44	18	40%
LEE, VIN JANG T.	630	315	284	45%	599	252	40%
LEM, HOY	32	16	15	45%	31	13	40%
LIANG, YUAN - I AND TZU - MEI CHEN	200	100	90	45%	190	80	40%
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. (FORMERLY: APPLE VALLEY RANCHOS WATER COMPANY)	453	226	204	45%	430	182	40%
LIN, KUAN JUNG AND CHUNG, DER-BING	451	226	203	45%	429	181	40%
LO, ET AL.	59	30	27	45%	57	24	40%
M BIRD CONSTRUCTION	41	21	19	45%	40	17	40%
MAHJOUBI, AFSAR S.	63	32	29	45%	61	26	40%
MALONEY, JANICE	36	18	17	45%	35	15	40%
MANNING, SHARON S.	63	8	29	45%	37	26	40%
MARCROFT, JAMES A. AND JOAN	38	19	18	45%	37	16	40%
MARSHALL, CHARLES	20	10	9	45%	19	8	40%
MARTIN, MICHAEL D. AND ARLENE D.	63	10	29	45%	39	26	40%

**APPENDIX H**

MARCH 22, 2017

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

**BAJA SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
MILBRAT, IRVING H.	73	37	33	45%	70	30	40%
MILLER LIVING TRUST	18	9	9	45%	18	8	40%
MIZRAHIE, ET AL.	145	73	66	45%	139	58	40%
MORRIS TRUST, JULIA V.	304	152	137	45%	289	122	40%
MULLIGAN, ROBERT AND INEZ	35	18	16	45%	34	14	40%
MURPHY, JEAN	24	12	11	45%	23	10	40%
NEW SPRINGS LIMITED PARTNERSHIP	2,329	915	1,049	45%	1,964	932	40%
NEWBERRY COMMUNITY SERVICES DISTRICT	23	3	11	45%	14	10	40%
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	3	2	2	45%	4	2	40%
O. F. D. L., INC.	204	99	92	45%	191	82	40%
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	334	301	45%	635	267	40%
PATINO, JOSÉ	22	11	10	45%	21	9	40%
PEARCE, CRAIG L.	150	75	68	45%	143	60	40%
PERKO, BERT K.	132	66	60	45%	126	53	40%
POLAND, JOHN R. AND KATHLEEN A.	92	46	42	45%	88	37	40%
PORTER, TIMOTHY M.	30	15	14	45%	29	12	40%
PRICE, DONALD AND RUTH	42	21	19	45%	40	17	40%
PRUETT, ANDREA	36	18	17	45%	35	15	40%
QUIROS, FRANCISCO J. AND HERRMANN, RONALD	38	19	18	45%	37	16	40%
RICE, HENRY C. AND DIANA	24	12	11	45%	23	10	40%
RIZVI, S.R ALI	27	14	13	45%	27	11	40%
ROSSI, JAMES L. AND NAOMI I.	614	104	277	45%	381	246	40%
S AND B BROTHERS, LLC	221	106	100	45%	206	89	40%
SAGABEAN-BARKER, KANOELOKELANI L. (FORMERLY: KIEL, MARY)	34	17	16	45%	33	14	40%
SAMRA, JAGTAR S.	30	12	14	45%	26	12	40%
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	168	84	76	45%	160	68	40%
SECURITY PAVING COMPANY, INC.	0	0	0	45%	0	0	40%

**APPENDIX H**

MARCH 22, 2017

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2016-17  
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**BAJA SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
SERVICE ROCK PRODUCTS CORPORATION	0	0	0	45%	0	0	40%
SHAW, ROBERT M. AND LORI A. SLATER-SHAW	43	22	20	45%	42	18	40%
SHENG, JEN	33	17	15	45%	32	14	40%
SHEPPARD, THOMAS AND GLORIA	217	109	98	45%	207	87	40%
SHORT, CHARLES AND MARGARET	54	27	25	45%	52	22	40%
SHORT, JEROME E.	30	15	14	45%	29	12	40%
SINGH, ET AL.	31	16	14	45%	30	13	40%
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	0	0	0	45%	0	0	40%
SMITH, PORTER AND ANITA	25	13	12	45%	25	10	40%
SMITH, WILLIAM E. AND PATRICIA A.	19	10	9	45%	19	8	40%
SOUTHERN CALIFORNIA EDISON COMPANY	600	300	270	45%	570	240	40%
SOUTHERN CALIFORNIA GAS COMPANY	98	49	45	45%	94	40	40%
SPERRY, WESLEY	104	52	47	45%	99	42	40%
ST. ANTONY COPTIC ORTHODOX MONASTERY	130	270	59	45%	329	52	40%
STARKE, GEORGE A. AND JAYNE E.	23	12	11	45%	23	10	40%
SUNDOWN LAKES, INC.	324	10	146	45%	156	130	40%
SUNRAY ENERGY, INC.	63	32	29	45%	61	26	40%
SZYNKOWSKI, RUTH J.	29	15	14	45%	29	12	40%
TAPIE, RAYMOND L.	18	9	9	45%	18	8	40%
TEISAN, JERRY	96	48	44	45%	92	39	40%
THAYER, SHARON	97	49	44	45%	93	39	40%
THOMAS, STEPHEN AND LORI	49	25	23	45%	48	20	40%
TRIPLE H PARTNERSHIP	218	109	99	45%	208	88	40%
TSUI, RICHARD	472	236	213	45%	449	189	40%
TURNER, TERRY	30	15	14	45%	29	12	40%
UNION PACIFIC RAILROAD COMPANY	249	125	113	45%	238	100	40%
VACA, ANDY AND TERESITA S.	20	9	9	45%	18	8	40%
VAN BASTELAAR, ALPHONSE	78	0	36	45%	36	32	40%

**APPENDIX H**

MARCH 22, 2017

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

**BAJA SUBAREA**

PRODUCER	BASE ANNUAL PRODUCTION	2016-17 FREE PRODUCTION ALLOWANCE <sup>1</sup>				2017-18 FREE PRODUCTION ALLOWANCE <sup>2</sup>	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	5,430	2,491	2,444	45%	4,935	2,172	40%
VAN LEEUWEN, JOHN	2,018	1,009	909	45%	1,918	808	40%
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,792	864	807	45%	1,671	717	40%
WANG, STEVEN	10	5	5	45%	10	4	40%
WARD, RAYMOND	105	19	48	45%	67	42	40%
WEEMS, LIZZIE	53	27	24	45%	51	22	40%
WEERAISINGHE, MAITHRI N.	15	8	7	45%	15	6	40%
WESTERN HERITAGE, INC.	854	427	385	45%	812	342	40%
WESTERN HORIZON ASSOCIATES, INC.	705	209	318	45%	527	282	40%
WET SET, INC.	308	65	139	45%	204	124	40%
WITTE, E. DANIEL AND MARCIA	27	14	13	45%	27	11	40%
WLSR, INC.	232	78	105	45%	183	93	40%
WORSEY, JOSEPH A. AND REVAE	29	15	14	45%	29	12	40%
<b>TOTAL</b>	<b>63,929</b>	<b>24,829</b>	<b>28,852</b>		<b>53,681</b>	<b>25,633</b>	



## NOTES FOR APPENDIX H

- 1 FREE PRODUCTION ALLOWANCE IS EQUAL TO 80% OF BASE ANNUAL PRODUCTION FOR THE ESTE, OESTE AND CENTRO SUBAREAS AND 45% OF BASE ANNUAL PRODUCTION FOR THE BAJA SUBAREA FOR 2016-17 BASED ON THE COURT ORDER DATED AUGUST 8, 2016. 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 2017-18 (SUBJECT TO COURT APPROVAL):

ESTE SUBAREA: FREE PRODUCTION ALLOWANCE TO REMAIN AT 80% FOR THE 2017-18 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 2017-18 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 2017-18 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 2017-18 WATER YEAR.

BAJA SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL TO 40% OF BASE ANNUAL PRODUCTION FOR THE 2017-18 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 2014-15**

**RECONCILED FOR CARRYOVER TRANSFERS IN LIEU OF**

**PAYMENT OF REPLACEMENT AND MAKEUP WATER ASSESSMENTS**

**AND ALL OTHER ERRATA**

AMENDED APPENDIX B FOR WATER YEAR 2014-15  
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	2014-15 FREE PRODUCTION ALLOWANCE						PRODUCTION									ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2014-15 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER N/A	TOTAL				
				2013-14	2014-15													
				CARRYOVER <sup>3</sup>	FPA <sup>4</sup>													
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)	(27)	1,988	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	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	(32)	161	102	59	0	102	0.00	0.00	0.00	0.00				
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	30	2	0	32	64	64	0	0	32	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				
LUCERNE VALLEY MUTUAL WATER COMPANY	54	44	44	0	0	88	35	44	0	35	0.00	0.00	0.00	0.00				

AMENDED APPENDIX B FOR WATER YEAR 2014-15  
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(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ESTE SUBAREA

PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2014-15 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2013-14 CARRYOVER <sup>3</sup>	2014-15 FPA <sup>4</sup>							WATER	WATER		
												\$484.00/AF	N/A		
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)	(81)	2,629	1,050	1,338	0	1,050	0.00	0.00	0.00	0.00	
MITSUBISHI CEMENT CORPORATION	1,395	1,116	1,116	(83)	(66)	2,083	432	1,050	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	60	60	60	0	0	0	0.00	0.00	0.00	0.00	
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	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	53	112	0	53	0.00	0.00	0.00	0.00	
SPECIALTY MINERALS, INC.	42	34	0	0	6	40	40	0	0	34	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	(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	81	153	153	0	0	72	0.00	0.00	0.00	0.00	
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	14,472	0	5,617	0.00	0.00	0.00	0.00	

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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 <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2014-15 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER N/A	TOTAL
				2013-14	2014-15									
				CARRYOVER <sup>3</sup>	FPA <sup>4</sup>									
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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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2014-15 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2013-14	2014-15							WATER	WATER		
				CARRYOVER <sup>3</sup>	FPA <sup>4</sup>										
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	854	3,773	3,773	0	0	2,919	0.01	0.00	4.84	4.84	
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	0.00	0.00	0.00	0.00	
AMERICAN STATES WATER COMPANY	1,000	600	600	(600)	(596)	4	0	4	0	0	0.00	0.00	0.00	0.00	
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	101	5	0	(10)	96	89	7	0	89	0.00	0.00	0.00	0.00	
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	75	0	0	26	101	101	0	0	75	0.00	0.00	0.00	0.00	
APPLE VALLEY RANCHOS WATER COMPANY	13,610	8,166	672	2,150	78	11,066	8,990	2,076	0	8,990	0.00	0.00	0.00	0.00	
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	22	0	0	1	23	23	0	0	22	0.00	0.00	0.00	0.00	
APPLE VALLEY, TOWN OF	1,082	650	420	(420)	(63)	587	330	257	0	330	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	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)	(61)	1	1	0	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)	(470)	90	90	0	0	90	0.00	0.00	0.00	0.00	
BEINSCHROTH, A. J.	100	80	42	(42)	(58)	22	22	0	0	22	0.00	0.00	0.00	0.00	
BROWN, BOBBY G. AND VALERIA R.	42	34	34	(32)	(34)	2	2	0	0	2	0.05	0.00	24.20	24.20	
BROWN, JENNIFER	41	33	29	(29)	(28)	5	5	0	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	(24)	0	0	0	0	0	0.00	0.00	0.00	0.00	
BUNNELL, DICK	24	20	18	(18)	(18)	2	2	0	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	(54)	1,211	1,211	0	0	582	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	0	496	1,396	1,396	0	0	900	0.00	0.00	0.00	0.00	
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)	(76)	4	4	0	0	4	0.10	0.00	48.40	48.40	
DORA LAND, INC.	15	12	12	(12)	(12)	0	0	0	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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				2013-14 CARRYOVER <sup>3</sup>	2014-15 FPA <sup>4</sup>							WATER \$484.00/AF	WATER \$484.00/AF		
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)	(28)	1	1	0	0	1	0.03	0.00	14.52	14.52	
FISHER TRUST, JEROME R. (SEE NOTE 15)	633	507	507	(507)	(441)	66	33	0	0	66	0.00	0.00	0.00	0.00	
FITZWATER, R. E. (SEE NOTE 12)	291						20								
FRAZIER, ET AL.	50	40	40	(40)	(37)	3	0	3	0	0	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	940	564	89	200	24	877	877	0	0	853	0.00	0.00	0.00	0.00	
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)	(8)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HALANNA EQUITIES III	19	16	16	(16)	(13)	3	3	0	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)	(78)	2,231	1,523	708	0	1,523	0.00	0.00	0.00	0.00	
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	90	497	497	0	0	407	0.00	0.00	0.00	0.00	
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	4,580	12,945	12,945	0	0	8,326	0.00	0.00	0.00	0.00	
HESPERIA, CITY OF	6,736	3,742	3,742	(3,742)	(3,742)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	149	90	76	(76)	0	90	15	75	0	15	0.00	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	
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)	(2,762)	1,576	1,184	392	0	1,184	0.00	0.00	0.00	0.00	
JOHNSON, CARLEAN	23	19	20	(9)	9	39	29	10	0	29	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	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	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, 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	10	(10)	(10)	2	1	1	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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				2013-14 CARRYOVER <sup>3</sup>	2014-15 FPA <sup>4</sup>							WATER \$484.00/AF	WATER \$484.00/AF		
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	0	0	(103)	137	137	0	0	137	0.00	0.00	0.00	0.00	
MARIANA RANCHOS COUNTY WATER DISTRICT	245	147	0	0	42	189	189	0	0	147	0.00	0.00	0.00	0.00	
MCINNIS, WILLIAM S.	30	24	10	(10)	(13)	11	11	0	0	11	0.00	0.00	0.00	0.00	
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	0.00	0.00	0.00	0.00	
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)	(28)	1	1	0	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	28	28	28	0	0	0	0.00	0.00	0.00	0.00	
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	213	86	0	0	299	174	125	0	174	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	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	0.00	0.00	0.00	0.00	
RIM PROPERTIES, A GENERAL PARTNERSHIP	9	8	8	(8)	(8)	0	0	0	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	0.00	0.00	0.00	0.00	
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	31	81	81	0	0	50	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 42	465	279	194	(192)	0	281	68	213	0	68	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	2,294	0	281	499	3,074	2,466	608	0	2,466	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	609	0	347	557	1,513	1,513	0	0	1,140	0.00	0.00	0.00	0.00	
SAPP, ROBERT D. AND LEE, TERESA J.	42	34	27	(27)	(26)	8	8	0	0	8	0.00	0.00	0.00	0.00	
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	0.00	0.00	0.00	0.00	
SPRING VALLEY LAKE ASSOCIATION	3,703	2,222	0	0	319	2,541	2,541	0	0	2,222	0.00	0.00	0.00	0.00	
SPRING VALLEY LAKE COUNTRY CLUB	977	587	0	150	153	890	890	0	0	737	0.00	0.00	0.00	0.00	
STORM, RANDALL	62	50	50	(50)	(50)	0	0	0	0	0	0.00	0.00	0.00	0.00	



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ALTO SUBAREA

PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)			
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2014-15 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER \$484.00/AF	TOTAL	
				2013-14	2014-15										
				CARRYOVER <sup>3</sup>	FPA <sup>4</sup>										
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)	(37)	9	9	0	0	9	0.23	0.00	111.32	111.32	
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	335	326	(326)	(319)	16	16	0	0	16	0.00	0.00	0.00	0.00	
THOMPSON LIVING TRUST, R.L. AND R.A.	13	11	4	(4)	(6)	5	5	0	0	5	0.13	0.00	62.92	62.92	
THRASHER, GARY	373	299	262	(262)	(277)	22	22	0	0	22	0.00	0.00	0.00	0.00	
THUNDERBIRD COUNTY WATER DISTRICT	118	71	0	0	32	103	103	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	
VANHOOPS HOLDINGS, LP	360	288	273	(273)	(283)	5	5	0	0	5	0.00	0.00	0.00	0.00	
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	144	0	0	169	313	313	0	0	144	0.00	0.00	0.00	0.00	
VICTOR VALLEY MEMORIAL PARK	0	0	0	0	69	69	69	0	0	0	0.00	0.00	0.00	0.00	
VICTORVILLE WATER DISTRICT, ID#1 (SEE NOTE 14)	23,020	13,812	0	0	4,062	17,874	17,596	0	0	15,282	0.00	0.00	0.00	0.00	
VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 14)	2,932	1,760	0	0	2,638	4,398	4,398	0	0	1,760	0.00	0.00	0.00	0.00	
VOGLER, ALBERT H. AND RITA K.	62	50	49	(49)	(49)	1	1	0	0	1	0.03	0.00	14.52	14.52	
WAGNER FAMILY TRUST	1,224	980	980	(980)	(980)	0	0	0	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	0.00	0.00	0.00	0.00	
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)	(7)	1	1	0	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	0.00	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	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)	1,553	78,375	62,676	9,563	5	55,082	4.46	2,420.00	2,158.64	4,578.64	

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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 <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2014-15 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2013-14 CARRYOVER <sup>3</sup>	2014-15 FPA <sup>4</sup>							WATER	WATER		
												\$484.00/AF	N/A		
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	29	24	24	(14)	(16)	18	0	8	0	0	0.00	0.00	0.00	0.00	
AQUA CAPITAL MANAGEMENT, LP	2,336	1,869	1,869	(447)	(384)	2,907	0	1,485	0	0	0.00	0.00	0.00	0.00	
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	120	96	96	(83)	(96)	13	0	0	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	8	8	8	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	(201)	(181)	196	0	108	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)	(121)	46	1	0	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)	(16)	0	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	(11)	(11)	0	0	0	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)	(391)	19,410	5,347	11,135	0	5,347	0.00	0.00	0.00	0.00	
GRILL, NICHOLAS P. AND MILLIE D.	0	0	0	0	178	178	92	0	0	0	0.00	0.00	0.00	0.00	
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	(122)	122	1	0	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)	(351)	3,072	38	1,517	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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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2014-15 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER N/A	TOTAL
				2013-14	2014-15									
				CARRYOVER <sup>3</sup>	FPA <sup>4</sup>									
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)	(152)	57	0	0	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	12	12	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	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)	(194)	560	10	189	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)	(637)	0	0	0	0	0	0.00	0.00	0.00	0.00
WERNER, ANDREW J.	18	15	15	(15)	(15)	0	0	0	0	0	0.00	0.00	0.00	0.00
WESTERN DEVELOPMENT AND STORAGE, LLC	6	5	5	(5)	(5)	0	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
TOTAL	49,477	38,652	37,310	(2,791)	(2,510)	70,661	18,522	35,138	0	17,620	0.00	0.00	0.00	0.00

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				2013-14 CARRYOVER <sup>3</sup>	2014-15 FPA <sup>4</sup>									
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		
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 TITIL 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
<b>BROWN, RONALD A.</b>	<b>1,080</b>	<b>594</b>	<b>226</b>	<b>0</b>	<b>118</b>	<b>938</b>	<b>938</b>	<b>0</b>	<b>0</b>	<b>820</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
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
<b>CALICO LAKES HOMEOWNERS ASSOCIATION</b>	<b>1,293</b>	<b>208</b>	<b>0</b>	<b>0</b>	<b>62</b>	<b>270</b>	<b>257</b>	<b>0</b>	<b>0</b>	<b>208</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
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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PRODUCER	2014-15 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2014-15 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2013-14 CARRYOVER <sup>3</sup>	2014-15 FPA <sup>4</sup>							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	(8)	15	0	3	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	(82)	192	15	52	0	15	0.00	0.00	0.00	0.00	
HORTON'S CHILDREN'S TRUST	199	110	9	0	41	160	142	0	0	119	0.00	0.00	0.00	0.00	

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				2013-14 CARRYOVER <sup>3</sup>	2014-15 FPA <sup>4</sup>							WATER	WATER		
												\$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	46	175	175	0	0	129	0.00	0.00	0.00	0.00	
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	173	1,707	914	793	0	914	0.00	0.00	0.00	0.00	
KASNER, ROBERT	5,713	3,143	757	925	87	4,912	4,912	0	0	4,625	0.00	0.00	0.00	0.00	
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	7	307	307	0	0	300	0.00	0.00	0.00	0.00	
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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												\$484.00/AF	N/A	
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)	(102)	1,882	0	1,179	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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(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 <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2014-15 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL				
				2013-14 CARRYOVER <sup>3</sup>	2014-15 FPA <sup>4</sup>							WATER	WATER					
												\$484.00/AF	N/A					
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	102	102	102	0	0	0	0.00	0.00	0.00	0.00				
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	116	354	354	0	0	238	0.00	0.00	0.00	0.00				
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	5	200	168	0	0	168	0.00	0.00	0.00	0.00				
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	44	87	87	0	0	43	0.00	0.00	0.00	0.00				
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				



AMENDED APPENDIX B FOR WATER YEAR 2014-15  
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	2014-15 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2014-15 VERIFIED PRODUCTION <sup>6</sup>	UNUSED FPA <sup>7</sup>	REPLACEMENT WATER OBLIGATION <sup>8</sup>	SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$484.00/AF	MAKEUP WATER N/A	TOTAL
				2013-14	2014-15									
				CARRYOVER <sup>3</sup>	FPA <sup>4</sup>									
WET SET, INC.	189	104	0	35	9	148	115	0	0	115	0.00	0.00	0.00	0.00
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	4	150	133	0	0	133	0.00	0.00	0.00	0.00
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)	362	64,455	27,452	27,297	36	26,624	0.00	17,424.00	0.00	17,424.00

APPENDIX I - SUMMARY

MARCH 22, 2017

AMENDED APPENDIX B FOR WATER YEAR 2014-15  
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)

SUBAREA	2014-15 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2016 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE <sup>1</sup>	CARRYOVER FROM PREVIOUS YEAR <sup>2</sup>	TRANSFERS + OR (-)		TOTAL <sup>5</sup>	2014-15 VERIFIED PRODUCTION <sup>6</sup>	UNUSED <sup>7</sup> FPA	REPLACEMENT WATER OBLIGATION <sup>8</sup>	PRODUCTION SUBJECT TO MAKEUP OBLIGATION <sup>9</sup>	MAKEUP WATER OBLIGATION	REPLACEMENT WATER	MAKEUP WATER	TOTAL
				2013-14 CARRYOVER <sup>3</sup>	2014-15 FPA <sup>4</sup>									
ESTE	19,251	15,422	14,748	(155)	0	30,015	5,823	14,472	0	5,617	0.00	0.00	0.00	0.00
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)	1,553	78,375	68,002	9,563	5	55,082	4.46	2,420.00	2,158.64	4,578.64
CENTRO	49,477	38,652	37,310	(2,791)	(2,510)	70,661	18,522	35,138	0	17,620	0.00	0.00	0.00	0.00
BAJA	63,929	35,232	29,649	(788)	362	64,455	27,452	27,297	36	26,624	0.00	17,424.00	0.00	17,424.00
GRAND TOTAL	253,822	165,324	103,700	(15,521)	(595)	252,908	123,223	91,404	41	108,367	4.46	19,844.00	2,158.64	22,002.64

## NOTES FOR APPENDIX I

RECORDS SHOWN IN BOLD REPRESENT CHANGES FROM APPENDIX B FOR WATER YEAR 2014-15. NUMERIC VALUES SHOWN IN ITALICS REPRESENT TRANSFERS OF 2014-15 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. HESPERIA WATER DISTRICT AND HESPERIA - GOLF COURSE, CITY OF 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 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 2013-14 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 J**

### **MOJAVE BASIN AREA WATERMASTER**

#### **NOTICE LIST**

# APPENDIX J

MARCH 22, 2017

## MOJAVE BASIN AREA WATERMASTER NOTICE LIST

OWNER	DESIGNEE	OWNER	DESIGNEE
35250 YERMO, LLC	ROBERTO MUNOZ	BREDELIS, RONALD C. AND JEAN	RONALD C. AND JEAN BREDELIS
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	WILSON F. SO	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 LIVING TRUST	CHUN SOO AND WHA JA AHN	BUDGET FINANCE COMPANY	NOAH FURIE
AHN REVOCABLE TRUST	SIMON AHN	BUNNELL, DICK	DICK BUNNELL
AHN, CHUN SOO AND DAVID	DAVID AHN	BUSH, KEVIN	KEVIN BUSH
AHN, CHUN SOO AND WHA JA	CHUN SOO AHN	CALICO JUNCTION	HARVEY J. WALKER JR.
AKE, CHARLES J. AND MARJORIE M.	CHARLES J. AND MARJORIE M. AKE	CALICO LAKES HOMEOWNERS ASSOCIATION	JASON KRATZ
AMERICAN STATES WATER COMPANY	ANA CHAVEZ	CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRENDA D. ANDERSON
ANDERSON, ROSS C. AND BETTY J.	ROSS C. AND BETTY J. ANDERSON	CALMAT COMPANY	ROBERT W. BOWCOCK
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	BRENDA BITONTI	CALPORTLAND COMPANY - AGRICULTURE	CAROL DECK
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	GAIL HUNTER	CALPORTLAND COMPANY - ORO GRANDE PLANT	CAROL DECK
APPLE VALLEY UNIFIED SCHOOL DISTRICT	MATHEW SCHULENBERG	CAMANGA, TONY AND MARIETTA	TONY CAMANGA
APPLE VALLEY VIEW MUTUAL WATER COMPANY	EMELY AND JOE SALTMERIS	CAMPBELL, M. A. AND DIANNE	M. A. AND DIANNE CAMPBELL
APPLE VALLEY, TOWN OF	GREG SYNDER	CARLTON, SUSAN	SUSAN CARLTON
AQUA CAPITAL MANAGEMENT, LP	DAVID L. PENRICE	CASA COLINA FOUNDATION	KEVIN MANGOLD
ARCHIBEK, ERIC	ERIC ARCHIBEK	CDFW - CAMP CADY	EDDY KONNO
ARGUELLES, ALFREDO	ANGEL ARGUELLES	CDFW - MOJAVE NARROWS REGIONAL PARK	AJ GERBER
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	DEAN FORSHEE	CDFW - MOJAVE RIVER FISH HATCHERY	ANDY MCGUIRE
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	CHAFa, LARRY R. AND DELINDA C.	ALLENE ROZELL CHERIE KRACK
BAR-LEN MUTUAL WATER COMPANY	ALYSSA STEINHIBEL	CHAMISAL MUTUAL WATER COMPANY	MARY M ROSS
BARON, SUSAN AND PALMER, CURTIS	CURTIS PALMER	CHEYENNE LAKE, INC.	CARL PUGH
BARSTOW COMMUNITY DEVELOPERS, LLC	PAUL MORAD	CHOI, YONG IL AND JOUNG AE	YONG IL AND JOUNG AE CHOI
BASS TRUST, NEWTON T.	BARBARA DAVISON	CHONG, JOAN	JOAN CHONG
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	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	CROSS, FRANCIS AND BEVERLY	FRANCIS AND BEVERLY CROSS
BOWMAN, EDWIN L.	EDWIN L. BOWMAN	CROSS, SHARON I.	SHARON I. CROSS
BRACHT, WILLIAM F. AND ALEXANDER, ALICIA M.	ALICIA ALEXANDER	CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	ALESSIA MORRIS

**APPENDIX J**

MARCH 22, 2017

**MOJAVE BASIN AREA WATERMASTER  
NOTICE LIST**

<b>OWNER</b>	<b>DESIGNEE</b>	<b>OWNER</b>	<b>DESIGNEE</b>
CUNNINGHAM, JERRY	JERRY CUNNINGHAM	GARG, OM P.	OM P. GARG
DACOSTA, DEAN EDWARD	DEAN EDWARD DACOSTA	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	LARRY WARREN	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 C/O TRINITY PALMS, LLC	EZZY POZZATO	HANSON AGGREGATES WRP, INC.	MATT WOOD
EVENSON, EDWIN H. AND JOYCELAINE C.	EDWIN H. AND JOYCELAINE C. EVENSON	HARESON, NICHOLAS AND MARY	MARY JANE HARESON
EVERT FAMILY TRUST	STEPHANIE L. EVERT	HARMSEN FAMILY TRUST	RUTH ANN HARMSEN
EYGNOR, ROBERT E. AND PATSY C.	ROBERT E. AND PATSY C. EYGNOR	HARPER LAKE COMPANY VIII	GLEN KING
FEDERAL BUREAU OF PRISONS, VICTORVILLE	BRETT JURGENSEN	HARTER, JOE AND SUE	JOE AND SUE HARTER
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE	HEATHER M STERN	HARVEY, LISA M.	LISA M. HARVEY
FEJFAR, MONICA KAY	MONICA KAY FEJFAR	HASS, PAULINE L.	PAULINE L. HASS
FERNANDEZ, ARTURO	ARTURO FERNANDEZ	HELENDALE COMMUNITY SERVICES DISTRICT	CRAIG CARLSON
FERRO, DENNIS AND NORMA	DENNIS AND NORMA FERRO	HELENDALE COMMUNITY SERVICES DISTRICT	KIMBERLY COX
FIRST CPA LLC	ALEX AND JERRICA LIU	HELENDALE SCHOOL DISTRICT	DEANNA DIBBLE
FISCHER REVOCABLE LIVING TRUST	CARL FISCHER	HENDERSON, MICHAEL	MICHAEL HENDERSON
FISHER TRUST, JEROME R.	PAUL JOHNSON	HENDERSON, MICHAEL - INDUSTRIAL	MICHAEL HENDERSON
FRATES, D. COLE	D. COLE FRATES	HENDLEY, RICK AND BARBARA	JIM MARTIN
FRAZIER, ET AL.	MARTIN FRAZIER	HENSLEY, MARK P.	MARK P. HENSLEY
FRIEND, JOSEPH AND DEBORAH	DEBORAH A. FRIEND	HERT, SCOTT	SCOTT HERT
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	MARK ASAY	HESPERIA - GOLF COURSE, CITY OF	JEREMY MCDONALD
GABRYCH, EUGENE	EUGENE GABRYCH	HESPERIA VENTURE I, LLC	JANIE MARTINES
GABRYCH, EUGENE	MITCH HAMMACK	HESPERIA WATER DISTRICT	JEREMY MCDONALD
GAETA, MIGUEL AND MARIA	MIGUEL AND MARIA GAETA	HESPERIA, CITY OF	JEREMY MCDONALD
GAETA, TRINIDAD	JAY STORER	HETTINGA, HEIN AND ELLEN	PATRICIA MOHR
GAINES FAMILY TRUST, JACK AND MARY	BRUCE GAINES	HI DESERT MUTUAL WATER COMPANY	ED KNAUFF
GARCIA, DANIEL	DANIEL GARCIA	HIETT, HARRY L.	HARRY L. HIETT
GARDENA MISSION CHURCH, INC.	SANG HWAL KIM	HIGH DESERT ASSOCIATES, INC.	ROBERT W. BOWCOCK

# APPENDIX J

MARCH 22, 2017

## MOJAVE BASIN AREA WATERMASTER NOTICE LIST

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

**APPENDIX J**

MARCH 22, 2017

**MOJAVE BASIN AREA WATERMASTER  
NOTICE LIST**

<b>OWNER</b>	<b>DESIGNEE</b>	<b>OWNER</b>	<b>DESIGNEE</b>
MALONEY, JANICE	JANICE MALONEY	PERKO, BERT K.	BERT K. PERKO
MANNING, SHARON S.	JIMMY BERRY	PERRY REVOCABLE LIVING TRUST, THOMAS AND PATRICIA	THOMAS PERRY
MARCROFT, JAMES A. AND JOAN	ALLEN MARCROFT	PETTIGREW, DAN	DAN PETTIGREW
MARIANA RANCHOS COUNTY WATER DISTRICT	JAMES M. HANSEN, JR.	PETTIGREW, JAMES AND CHERLYN	JAMES PETTIGREW
MARSHALL, CHARLES	CHARLES MARSHALL	PHAM, ET AL.	QUANG PHAM
MARTIN, MICHAEL D. AND ARLENE D.	MICHAEL D. AND ARLENE D. MARTIN	PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	DON BARTZ
MCCOLLUM, CHARLES L.	ROD SEXTON	PITTMAN, LEROY W.	DIANA PITTMAN
MCINNIS, WILLIAM S.	WILLIAM S. MCINNIS	POLAND, JOHN R. AND KATHLEEN A.	JOHN POLAND
MCKINNEY, PAULA	PAULA MCKINNEY	POLICH, LEE AND DONNA	LEE AND DONNA POLICH
MEAD FAMILY TRUST	OLIVIA L. MEAD	PORTER, TIMOTHY M.	TIMOTHY M. PORTER
MILBRAT, IRVING H.	DAVID I. MILBRAT	PRICE, DONALD AND RUTH	DONALD AND RUTH PRICE
MILLER LIVING TRUST	DONNA MILLER	PRUETT, ANDREA	ANDREA PRUETT
MITSUBISHI CEMENT CORPORATION	DAVID RIB	QUIROS, FRANCISCO J. AND HERRMANN, 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	JOSE MANUEL BRAVO	RICE, HENRY C. AND DIANA	HENRY C. AND DIANA RICE
MONACO INVESTMENT COMPANY	MANOUCHER SARBAZ	RIM PROPERTIES, A GENERAL PARTNERSHIP	IAN BRYANT
MORRIS TRUST, JULIA V.	BILLIE ELLIOT	RIOS, MARIANO V.	MARIANO V. RIOS
MOSS, LAWRENCE W. AND HELEN J.	LAWRENCE W. AND HELEN J. MOSS	RIVERO, FIDEL V.	FIDEL V. RIVERO
MOST FAMILY TRUST	JENNIE MOST	RIZVI, S.R ALI	S.R ALI RIZVI
MULLIGAN, ROBERT AND INEZ	DENNIS HILLS	ROBERTSON'S READY MIX	JACKIE MCEVOY
MURPHY, JEAN	JEAN MURPHY	ROSSI, JAMES L. AND NAOMI I.	MITCH HAMMACK
NAVAJO MUTUAL WATER COMPANY	JAMES HANSEN	ROYAL WAY	JOHN D. ZEMANEK
NEW SPRINGS LIMITED PARTNERSHIP	BILLY LIANG	RUE RANCH	SAM MARICH
NEWBERRY COMMUNITY SERVICES DISTRICT	LE HAYES	RUISCH TRUST, DALE W. AND NELLIE H.	DALE W. RUISCH
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	JEFF GAASTRA	S AND B BROTHERS, LLC	SHERWIN SHORAKA
NORRIS TRUST, MARY ANN	MARY ANN NORRIS	S AND E 786 ENTERPRISES, LLC	JAFAR RASHID
NUÑEZ, LUIS SEGUNDO	LUIS SEGUNDO NUÑEZ	SABA, SABA A. AND SHIRLEY L.	SABA A. AND SHIRLEY L. SABA
NUNN, DONALD AND PEARL	DONALD AND PEARL NUNN	SAGABEAN-BARKER, KANOELOKELANI L.	KANOELOKELANI L. SAGABEAN-
NURSERY PRODUCTS LLC	CHRIS SENEY	SAMRA, JAGTAR S.	JAGTAR S. SAMRA
O. F. D. L., INC.	JEFF GAASTRA	SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	TINA ABARCA
OASIS WORLD MISSION	CHUN SOO AHN	SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTER	REBECCA WYNN
ODESSA WATER DISTRICT	JENNIFER RILEY	SAN BERNARDINO COUNTY SERVICE AREA 29	REESE TROUBLEFIELD
OHAI, REYNOLDS AND DOROTHY	DOROTHY OHAI	SAN BERNARDINO COUNTY SERVICE AREA 42	REBECCA WYNN
OMYA CALIFORNIA, INC.	LUIS A PACHECO	SAN BERNARDINO COUNTY SERVICE AREA 64	REBECCA WYNN
ORO GRANDE SCHOOL DISTRICT	NICK HIGGS	SAN BERNARDINO COUNTY SERVICE AREA 70J	REBECCA WYNN
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	M. T. SHORAKA	SAPP, ROBERT D. AND LEE, TERESA J.	ROBERT AND TERESA SAPP
PACIFIC GAS AND ELECTRIC COMPANY	IAIN BAKER	SCRAY, MICHELLE A. TRUST	MICHELLE SCRAY
PAK, KAE SOO AND MYONG HUI KANG	KAE SOO AND MYONG HUI KANG PAK	SEALS, WILLIAM AND TIBBETT, VICKI SEALS	VICKI SEALS TIBBETT
PATINO, JOSÉ	JOSÉ PATINO	SECURITY PAVING COMPANY, INC.	ALBERT MATTIVI
PEARCE, CRAIG L.	CRAIG L. PEARCE	SERVICE ROCK PRODUCTS CORPORATION	JACKIE MCEVOY
PEARSON, DERYL B.	DERYL B. PEARSON	SEXTON, RODNEY A. AND SEXTON, DEREK R.	ROD SEXTON



# APPENDIX J

MARCH 22, 2017

## MOJAVE BASIN AREA WATERMASTER NOTICE LIST

OWNER	DESIGNEE	OWNER	DESIGNEE
SHAW, ROBERT M. AND LORI A. SLATER-SHAW	ROBERT M. SHAW	TURNER, TERRY	TERRY TURNER
SHENG, JEN	JEN SHENG	UNION PACIFIC RAILROAD COMPANY	PETE OWEN
SHEPPARD, THOMAS AND GLORIA	THOMAS AND GLORIA SHEPPARD	VACA, ANDY AND TERESITA S.	ANDY AND TERESITA S. VACA
SHORT, CHARLES AND MARGARET	RON SHORT	VALENTI, VITO	VITO VALENTI
SHORT, JEROME E.	JEROME E. SHORT	VAN BASTELAAR, ALPHONSE	DEAN VAN BASTELAAR
SILVER LAKES ASSOCIATION	WES CAMPBELL	VAN DAM FAMILY TRUST, GLEN AND JENNIFER	GLEN AND JENNIFER VAN DAM
SINGH, ET AL.	NEPAL SINGH	VAN DAM REVOCABLE TRUST, E AND S	ELBERT AND SUSAN VAN DAM
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC		VAN LEEUWEN, JOHN	JOHN VAN LEEUWEN
SMITH, PORTER AND ANITA	PORTER AND ANITA 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 REVOCABLE TRUST	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 FAMILY TRUST	CHRISTIAN JOSEPH 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	BARBARA ALLARD-WARD
STORM, RANDALL	RANDALL STORM	WARD, RAYMOND	RAYMOND WARD
SUDMEIER, GLENN W.	GLENN W. SUDMEIER	WEEMS, LIZZIE	LIZZIE WEEMS
SUMMIT VALLEY RANCH, LLC	ALEXANDRA LIOANAG	WEERASINGHE, MAITHRI N.	MAITHRI N. WEERASINGHE
SUNDOWN LAKES, INC.	MARK RICHARDSON	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	JAMES WOODY
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 RIVERS CONSERVANCY	PETER COLBY
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	LYNNETTE L. THOMPSON	WESTERN WATER COMPANY	WILMA SILVERIA
THOMPSON LIVING TRUST, R.L. AND R.A.	RODGER THOMPSON	WESTLAND INDUSTRIES, INC.	ROBERTO RIVERA
THORESON, ROBERT F. AND KATHLEEN	ROBERT THORESON	WET SET, INC.	THOMAS G. FERRUZZO
THRASHER, GARY	GARY THRASHER	WIENER, MELVIN AND MARIAM S.	MELVIN AND MARIAM S. WIENER
THUNDERBIRD COUNTY WATER DISTRICT	ROY SHULL	WILSHIRE ROAD PARTNERS	MANOUCHER SARBAZ
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA		WITHEY, CONNIE	CONNIE WITHEY
TRIPLE H PARTNERSHIP	JIM HOOVER	WITTE, E. DANIEL AND MARCIA	E. DANIEL AND MARCIA WITTE
TROEGER FAMILY TRUST, RICHARD H.	MIKE TROEGER	WLSR, INC.	MARK J. CLUFF
TSUI, RICHARD	RICHARD TSUI	WOOD, MICHAEL AND DENISE	MICHAEL AND DENISE WOOD

APPENDIX J  
MOJAVE BASIN AREA WATERMASTER  
NOTICE LIST

MARCH 22, 2017

OWNER	DESIGNEE	OWNER	DESIGNEE
WORSEY, JOSEPH A. AND REVAE WYATT FAMILY TRUST	DAVID A. WORSEY DEBBY WYATT		

## **APPENDIX K**

### **PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT**

**2015-16 WATER YEAR**

## APPENDIX K

MARCH 22, 2017

**PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT  
WATER YEAR 2015-16  
(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	TRANSFEEEE	TRANSFEEEE		TRANSFEROR	
								VERIFIED BASE ANNUAL PRODUCTION	BASE ANNUAL PRODUCTION RIGHT (PERCENT)	VERIFIED BASE ANNUAL PRODUCTION	BASE ANNUAL PRODUCTION RIGHT (PERCENT)
BAJA	CLINE, VIVIAN D.	16	0.0242	10/28/2015	SALE	16	LAKE WAINANI OWNERS ASSOCIATION	451	0.6817	0	0.0000
ALTO	CUNNINGHAM, JERRY	33	0.0283	10/28/2015	SALE	9	HESPERIA WATER DISTRICT	13,697	11.7660	24	0.0206
BAJA	FAWCETT, EDWARD C.	20	0.0302	10/28/2015	SALE	10	JACKES, JAMES F.	10	0.0151	10	0.0151
BAJA	FAWCETT, EDWARD C.	10	0.0151	10/28/2015	SALE	10	NEWBERRY SPRINGS RECREATIONAL LAKE ASSOCIATION	10	0.0151	0	0.0000
BAJA	HAAS, BRYAN C. AND HINKLE, MARY H.	80	0.1209	10/28/2015	SALE	80	WET SET, INC.	269	0.4066	0	0.0000
ALTO	RIVERSIDE CEMENT COMPANY - AGRICULTURE	643	0.5523	10/28/2015	SALE	643	CALPORTLAND COMPANY - AGRICULTURE	643	0.5523	0	0.0000
ALTO	RIVERSIDE CEMENT COMPANY - ORO GRANDE PLANT	2,809	2.4130	10/28/2015	SALE	2,809	CALPORTLAND COMPANY - ORO GRANDE PLANT	2,809	2.4130	0	0.0000
ESTE	VIROSTECK, STEVE AND JULIE	56	0.2772	10/28/2015	SALE	56	DACOSTA, DEAN EDWARD	56	0.2772	0	0.0000
ESTE	HARVEY, LISA M.	700	3.4645	01/27/2016	SALE	400	AHN, CHUN SOO AND DAVID	400	1.9797	300	1.4848
ALTO	CUNNINGHAM, JERRY	24	0.0206	02/24/2016	SALE	10	HESPERIA WATER DISTRICT	13,707	11.7746	14	0.0120
BAJA	QUIGG AND COMPANY, INC.	81	0.1224	02/24/2016	SALE	81	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	91	0.1376	0	0.0000
BAJA	REEVES, RICHARD	224	0.3386	02/24/2016	SALE	224	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	315	0.4761	0	0.0000
ALTO	ROSS, CARL E. LIVING TRUST	10	0.0086	02/24/2016	SALE	10	WESTERN RIVERS CONSERVANCY	10	0.0086	0	0.0000
CENTRO	SMITH, ROBERT A.	38	0.0675	02/29/2016	SALE	38	PACIFIC GAS AND ELECTRIC COMPANY	4,474	7.9511	0	0.0000
ESTE	CAMPBELL FAMILY TRUST	597	2.9547	03/23/2016	SALE	597	S AND E 786 ENTERPRISES, LLC	597	2.9547	0	0.0000
BAJA	CHAPMAN UNIVERSITY	54	0.0816	03/23/2016	SALE	54	EVERT FAMILY TRUST	54	0.0816	0	0.0000
ALTO	ELISABELLA, LLC	65	0.0558	03/23/2016	SALE	65	SPRING VALLEY LAKE ASSOCIATION	3,768	3.2368	0	0.0000
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	315	0.4761	05/25/2016	SALE	39	CHEYENNE LAKE, INC.	426	0.6439	276	0.4172
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	276	0.4172	05/25/2016	SALE	39	CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	683	1.0624	237	0.3582
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	237	0.3582	05/25/2016	SALE	39	LAKE JODIE PROPERTY OWNERS ASSOCIATION	293	0.4429	198	0.2993
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	198	0.2993	05/25/2016	SALE	39	LAKE WAINANI OWNERS ASSOCIATION	490	0.7407	159	0.2403
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	159	0.2403	05/25/2016	SALE	39	O. F. D. L., INC.	204	0.3084	120	0.1814
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	120	0.1814	05/25/2016	SALE	39	SUNDOWN LAKES, INC.	324	0.4897	81	0.1224
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	81	0.1224	05/25/2016	SALE	39	WET SET, INC.	308	0.4656	42	0.0635
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	42	0.0635	05/25/2016	SALE	39	WLSR, INC.	232	0.3507	3	0.0045
CENTRO	KENWOOD MANAGEMENT, LLC	52	0.0924	07/27/2016	SALE	52	CHONG, JOAN	52	0.0924	0	0.0000
BAJA	OLD GROVE PROPERTIES, LLC	24	0.0363	07/27/2016	SALE	24	35250 YERMO, LLC	24	0.0363	0	0.0000
BAJA	KIEL, MARY	34	0.0514	09/28/2016	SALE	34	SAGABEAN-BARKER, KANOELOKELANI L.	34	0.0514	0	0.0000