

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, 2018

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

RE: Watermaster Annual Report for Water Year 2016-17

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-fourth Annual Report of the Mojave Basin Area Watermaster, dated May 1, 2018, setting forth the activities and determinations of the Watermaster for Water Year 2016-17.

Respectfully submitted,

MOJAVE BASIN AREA WATERMASTER

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

WATERMASTER:

Carl Coleman, Chairman
Jim Ventura, Vice Chairman
Kimberly Cox
Richard D. Hall
Beverly J. Lowry
Mike Page
Thurston Smith

Tom McCarthy, Executive Officer
Joanne James, Secretary
Kathy Cortner, Treasurer
William J. Brunick, Attorney
Robert C. Wagner, Engineer

TWENTY-FOURTH ANNUAL REPORT

OF THE

MOJAVE BASIN AREA WATERMASTER

WATER YEAR 2016-17

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

MAY 1, 2018

**TWENTY-FOURTH ANNUAL REPORT OF THE
MOJAVE BASIN AREA WATERMASTER
FOR WATER YEAR 2016-17**

TABLE OF CONTENTS

CHAPTER 1

| | <u>Page</u> |
|-------------------------------|--------------------|
| INTRODUCTION..... | 1 |
| Scope of Report..... | 1 |
| History of Litigation | 2 |
| Summary of the Judgment | 4 |
| The Physical Solution | 6 |

CHAPTER 2

| | |
|--|----------|
| SUMMARY OF WATERMASTER ACTIVITIES..... | 9 |
| Transfers | 9 |
| Rules and Regulations..... | 10 |
| Biological Resources Trust Fund..... | 10 |
| Storage Agreements | 10 |
| Subarea Advisory Committees | 12 |
| Water Production and Verification | 13 |
| Streamflow, Precipitation and Other Data | 13 |
| Related MWA Activities..... | 14 |

CHAPTER 3

| | |
|---|-----------|
| WATER SUPPLY CONDITIONS | 17 |
| Precipitation during 2016-17 | 17 |
| Runoff during 2016-17 | 17 |
| At the Forks..... | 19 |
| At Lower Narrows | 19 |
| At Barstow | 19 |
| At Afton | 19 |
| Wastewater Imports | 20 |
| Victor Valley Wastewater Reclamation Authority Wastewater Effluent Discharges | 20 |
| Imported Water Deliveries by MWA | 21 |
| Transition Zone Water Levels | 22 |
| Transition Zone Water Balance | 23 |
| Subarea Water Levels | 25 |
| State of the Basin | 27 |

CHAPTER 4

| | |
|---|-----------|
| STATUS OF REPLACEMENT WATER AND MAKEUP WATER OBLIGATIONS | 30 |
| Replacement Water | 30 |
| Makeup Water..... | 31 |

CHAPTER 5

| | |
|---|-----------|
| FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19 | 34 |
|---|-----------|

CHAPTER 6

| | |
|---|-----------|
| FINANCIAL REPORT PROPOSED BUDGET AND ASSESSMENT RATES | 41 |
| Income Statement/Balance Sheet Summary | 41 |
| Biological Resources Trust Fund Summary | 41 |
| Administrative Budget for 2018-19 | 41 |
| Summary of Makeup Water Purchases..... | 41 |
| Summary of Replacement Water Purchases | 42 |
| Administrative and Biological Assessment Rates for 2018-19 | 42 |
| Projected Replacement and Makeup Water Assessment Rates for 2017-18 and 2018-19 | 42 |

TABLES

| | <u>Title</u> | <u>Page</u> |
|-----|---|--------------------|
| 2-1 | Administrative Budget and Assessment Rates for Water Year 2017-18..... | 11 |
| 3-1 | Monthly Discharge Amounts for Water Year 2016-17 | 18 |
| 3-2 | Annual Change in Storage by Subarea for Water Year 2016-17 | 29 |
| 4-1 | Summary of Replacement Water Obligations and Replacement Water Assessments for Water Year 2016-17..... | 31 |
| 4-2 | Status of Subarea Obligations at the End of Water Year 2016-17 | 32 |
| 4-3 | Status of Alto Subarea Obligations for Water Years 2007-08 through 2016-17 | 33 |
| 5-1 | Subarea Hydrological Inventory Based on Long Term Average Natural Water Supply and Outflow and 1996-97 Imports and Consumptive Use | 39 |
| 5-2 | Subarea Hydrological Inventory Based on Long Term Average Natural Water Supply and Outflow and 2016-17 Imports and Consumptive Use | 40 |
| 6-1 | Administrative Budget for Water Year 2018-19 | 43 |

FIGURES

| | <u>Title</u> | Following Page |
|------|---|---------------------------|
| 3-1 | Precipitation Characteristics, Mojave River Watershed | 17 |
| 3-2 | Seasonal Precipitation at Victorville Pump Plant and Seasonal Precipitation at Barstow Fire Station | 17 |
| 3-3 | Discharge Characteristics, Mojave River at the Forks..... | 19 |
| 3-4 | Seasonal Discharge of Mojave River at Lower Narrows and Seasonal Annual Discharge of Victor Valley Wastewater Reclamation Authority to Mojave River | 19 |
| 3-5 | Seasonal Discharge of Mojave River at Barstow and Seasonal Discharge of Mojave River at Afton..... | 19 |
| 3-6 | Alto Transition Zone – Location of Water Level Monitoring Wells..... | 24 |
| 3-7 | North Transition Zone Water Level Hydrographs..... | 24 |
| 3-8 | Middle Transition Zone Water Level Hydrographs..... | 24 |
| 3-9 | South Transition Zone Water Level Hydrographs..... | 24 |
| 3-10 | Transition Zone Water Balance | 24 |
| 3-11 | Alto Subarea (West Portion) Water Level Hydrographs and Map | 26 |
| 3-12 | Alto Subarea (East Portion) Water Level Hydrographs and Map | 26 |
| 3-13 | Alto Subarea (Transition Zone Area) Water Level Hydrographs and Map..... | 26 |
| 3-14 | Baja Subarea Water Level Hydrographs and Map | 26 |
| 3-15 | Centro Subarea Water Level Hydrographs and Map..... | 26 |
| 3-16 | Este Subarea Water Level Hydrographs and Map..... | 26 |
| 3-17 | Oeste Subarea Water Level Hydrographs and Map..... | 26 |
| 3-18 | State of the Basin-Alto Subarea Net Change in Storage..... | 29 |
| 3-19 | State of the Basin-Centro Subarea Net Change in Storage..... | 29 |
| 3-20 | State of the Basin-Baja Subarea Net Change in Storage | 29 |
| 3-21 | State of the Basin-Este Subarea Net Change in Storage..... | 29 |
| 3-22 | State of the Basin-Oeste Subarea Net Change in Storage..... | 29 |

APPENDICES

Title

- A. Map of the Mojave Basin Area
- B. Producer Replacement Water and Makeup Water Obligations and Assessments Due for 2016-17
- C. Separation of Flow Components at Lower Narrows and Afton for 2016-17
- D. Calculation of Subsurface Flows between Subareas [Reserved]
- E. Transfers of Base Annual Production, Free Production Allowance and Prior Year Carryover
- F. Balances in Storage Agreements
- G. Auditor's Report as of June 30, 2017
- H. Free Production Allowance for Water Year 2017-18 and Proposed Free Production Allowance for Water Year 2018-19
- I. Amended Appendix B for Water Year 2015-16 Reconciled for Carryover Transfers In Lieu of Payment of Replacement and Makeup Water Assessments and All Other Errata
- J. Mojave Basin Area Watermaster--Notice List
- K. Permanent Transfers of Base Annual Production Right, 2016-17 Water Year
- L. Published Separately

APPENDIX L

(Published Separately)

| | <u>Page</u> |
|--|-------------|
| Introduction | I |
| Mojave Basin Area Water Production Facilities, Cross Index by Owner | 1 |
| Mojave Basin Area Water Production Facilities, Cross Index by State Well Number | 54 |
| <u>TABLE 1</u> | |
| Mojave Basin Area Verified Production by Owner and Facility | 107 |
| <u>TABLE 1A</u> | |
| Mojave Basin Area Verified Production for Aquaculture and Recreational Lake Purposes | 217 |
| <u>TABLE 2</u> | |
| Mojave Basin Area Summary of Verified Production, Owner Total | 219 |
| <u>TABLE 3</u> | |
| Mojave Basin Area Summary of Verified Production in Alto Subarea, Owner Total | 238 |
| <u>TABLE 4</u> | |
| Mojave Basin Area Summary of Verified Production in Baja Subarea, Owner Total | 244 |

TABLE 5

| | |
|---|-----|
| Mojave Basin Area Summary of Verified Production in Centro Subarea, Owner Total | 252 |
|---|-----|

TABLE 6

| | |
|---|-----|
| Mojave Basin Area Summary of Verified Production in Este Subarea, Owner Total | 255 |
|---|-----|

TABLE 7

| | |
|--|-----|
| Mojave Basin Area Summary of Verified Production in Oeste Subarea, Owner Total | 258 |
|--|-----|

TABLE 8

| | |
|--|-----|
| Mojave Basin Area Permanent Transfers of Base Annual Production Right October 1, 1993 Through September 30, 2017 | 259 |
|--|-----|

TABLE 9

| | |
|---|-----|
| Mojave Basin Area Facility Transfers Reported to Watermaster October 1, 1993 Through September 30, 2017 | 281 |
|---|-----|

CHAPTER 1

INTRODUCTION

This is the Twenty-fourth 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 2016-17. Appendix L to this report consists of a detailed accounting of surface water and groundwater production for Water Year 2016-17. 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 2018-19: Chapter 6
- j. Transfers of Base Annual Production Rights: Appendix E, K & L (Table 8)

- k. Transfers of Free Production Allowance during 2016-17: 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 2018-19: Chapter 6
- q. Projected Replacement and Makeup Water Assessment Rates for 2017-18 and 2018-19: 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 2016-17, the Mojave Basin Area Watermaster consisted of Carl Coleman, Kimberly Cox, Richard Hall, Beverly J. Lowry, Mike Page, Thurston Smith and Jim Ventura. Carl Coleman and Jim Ventura served as Chairman and Vice Chairman respectively. Tom McCarthy served as Executive Officer, Joanne James as Secretary and Kathy Cortner as Treasurer.

The first Watermaster meeting of the 2016-17 Water Year was held on October 26, 2016 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-third Annual Report of the Mojave Basin Area Watermaster for Water Year 2015-16, which was published under the date May 1, 2017.

Watermaster adopted recommendations for FPA for Water Year 2017-18 as indicated in Watermaster's Twenty-third 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 2015-16, approval of the Administrative Budget for Water Year 2017-18, and approval of Replacement, Makeup, Administrative and Biological Assessment Rates for Water Year 2017-18. The Administrative Budget and Assessment Rates for 2017-18 were adopted and are summarized on Table 2-1.

Transfers

There were 205 transfers of FPA and Carryover FPA during the year. These transfers are reported in Appendix E. There were 21 transfers of BAP. Transfers of BAP are reported in Appendix E, K & L (Table 8). Any additional transfers of unused 2016-17 FPA that may take place prior to June 1, 2018 will be reported in Appendix E of the Watermaster's Annual Report for 2017-18.

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 2016-17 was \$0.88 per acre-foot. Expenditures from the Biological Resources Trust Fund during the year for DFW projects totaled \$11,394.32. The Biological Resources Assessment Rate for 2017-18 was increased to \$0.91 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 to September 2036 was 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 June 30, 2022 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 2017-18**

ADMINISTRATIVE BUDGET

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

ASSESSMENT RATES

1. Administrative
\$ 3.55/acre-foot of Production
2. Biological
\$ 0.91/acre-foot of Production
3. Replacement and Makeup Water
2016-17 \$556.00 /acre-foot¹
(6/1/18 Invoice Date)
2017-18 “*Not to exceed*” \$614.00 /acre-foot²
(6/1/19 Invoice Date)

^{1.} The rate adopted for Water Year 2016-17 was adopted by the Mojave Water Agency on February 8, 2018 pursuant to Resolution No. 1046-18 in accordance with the changes to the Watermaster Rules and Regulations adopted October 29, 2008.

^{2.} This rate is 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.

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 2016-17 Water Year were made up as follows:

ALTO SUBAREA

Golden State Water Company
Craig Carlson
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 2016-17 was conducted by the Watermaster staff and included verification of all parties to the Judgment. The verified production of all parties for Water Year 2016-17 is assembled and presented in Appendix B and Appendix L (Tables 1-7).

The Watermaster obtained protective orders from the Court in 1992 and 2005 for access and use of annual electrical data from the local service provider Southern California Edison Company (SCE). This data is essential for the verification of water production of parties within the Mojave Basin Area. Pursuant to the protective order, all data is confidential and can only be used by Watermaster for the purpose of calculating water production. This data may not be disseminated to the public in any way. All parties are notified of the release of this information at least 30 days ahead of time and have the option to decline the release of this data. An indemnity clause within the order protects SCE from any potential complaint.

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 29, 2017. 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 2016-17 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

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 into the wash. The recharge basins will be constructed by the County of San Bernardino as part of a dual-purpose recharge/flood control detention basin. Design and construction of the recharge/flood control basin began in late 2012 and is expected to be completed by 2019. MWA completed preliminary design reports for future dual purpose recharge/flood control basins in Antelope Wash and Bandicoot Wash in the southern Alto region. Geotechnical and geohydrology work in the eastern Alto and Oeste Subareas continued that will provide better information and data to use in determining the best locations for future off-river recharge basins. MWA purchased land in the upper Mojave River area and about 40 acres will be available for off-river recharge starting in 2018.

The Regional, Recharge and Recovery Project (R³) was constructed by MWA as a basin management tool that could be used to help manage where water is recharged and pumped in the Alto Subarea in order to help alleviate basin pumping stresses. MWA maintains three Mojave River recharge sites in the upper Alto Subarea, all upstream of the six R³ Wells that were constructed for the project.

Water from the R³ project is pumped on behalf of a stipulating party, as requested, and is subject to the same rules and assessments under the Judgment. Watermaster reports the amount of R³ water delivered to specific stipulating parties in Appendix B. The total amount of deliveries for the 2016-17 Water Year was 4,046 acre-feet. Operational water associated with this project is the responsibility of MWA and is also shown on Appendix B.

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 2017-18.

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 \$60,000 to the program in 2016-17, and another \$25,000 in 2017-18, which will focus on retreatment and monitoring in the previously treated areas. DFW contributed \$25,000 in 2016-17 and another \$70,000 in 2017-18 to the project for removal and retreatment in the Exhibit H areas identified in the Judgment in the Alto and Baja Subareas.

Launched in 2008, the Cash for Grass program was used by MWA to help achieve a goal of helping local communities meet the state mandated goals of reducing water usage by 20 percent among residential users by the year 2020. Funded with local money and grants from the Department of Water Resources, the program has surpassed its goals resulting in the removal of more than 9 million square feet of residential turf. In 2015, the large-scale Cash for Grass program was initiated and has focused on removal of turf from larger landscape areas such as schools, home owner associations, golf courses and commercial properties. This program has been very successful and has currently removed 2 million square feet of turf and will remove 1 million more by the end of 2019. Ten years ago, per capita water use in the region was 250 gallons a day. Today, that figure has dropped to under 150 gallons per person. The conservation programs instituted have resulted in a reduction of water consumption of more than 30 percent.

CHAPTER 3

WATER SUPPLY CONDITIONS

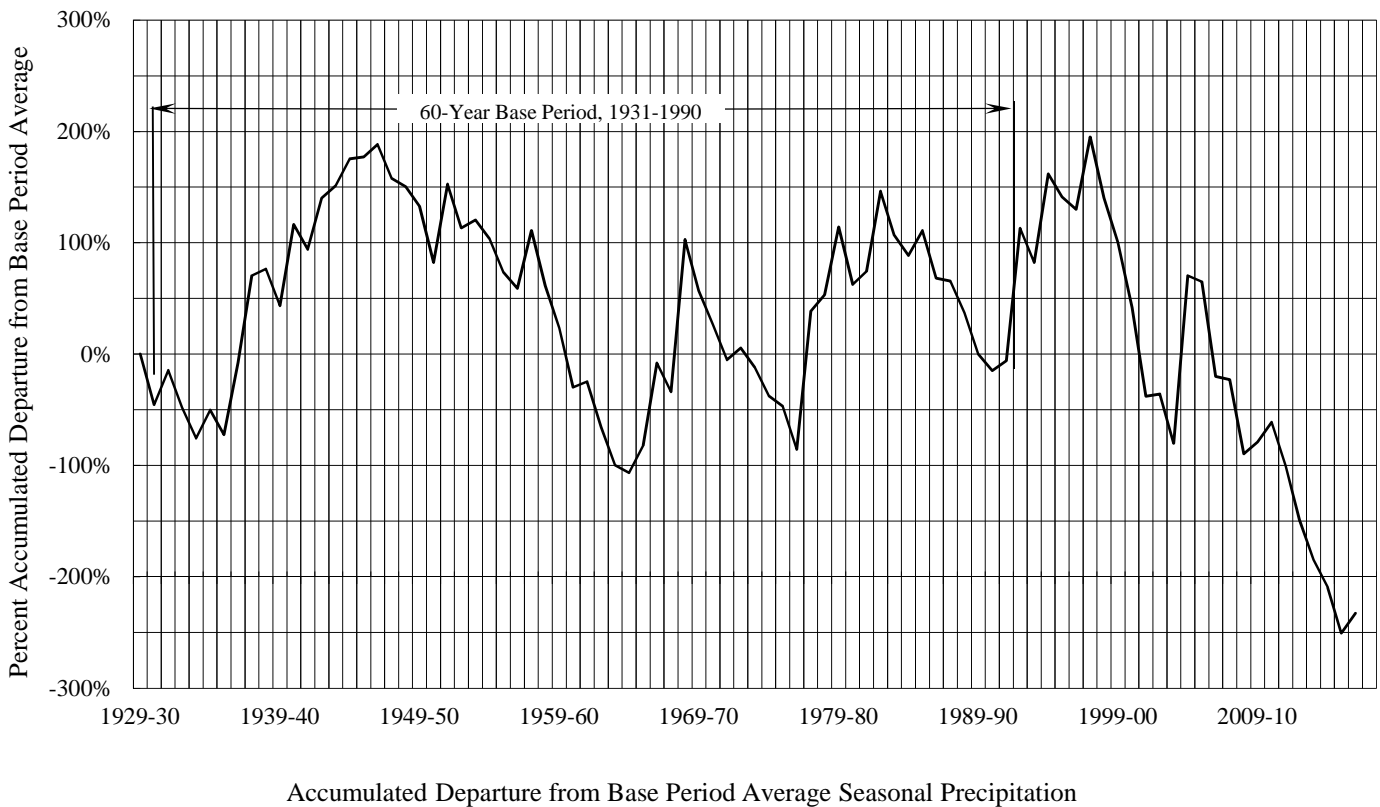
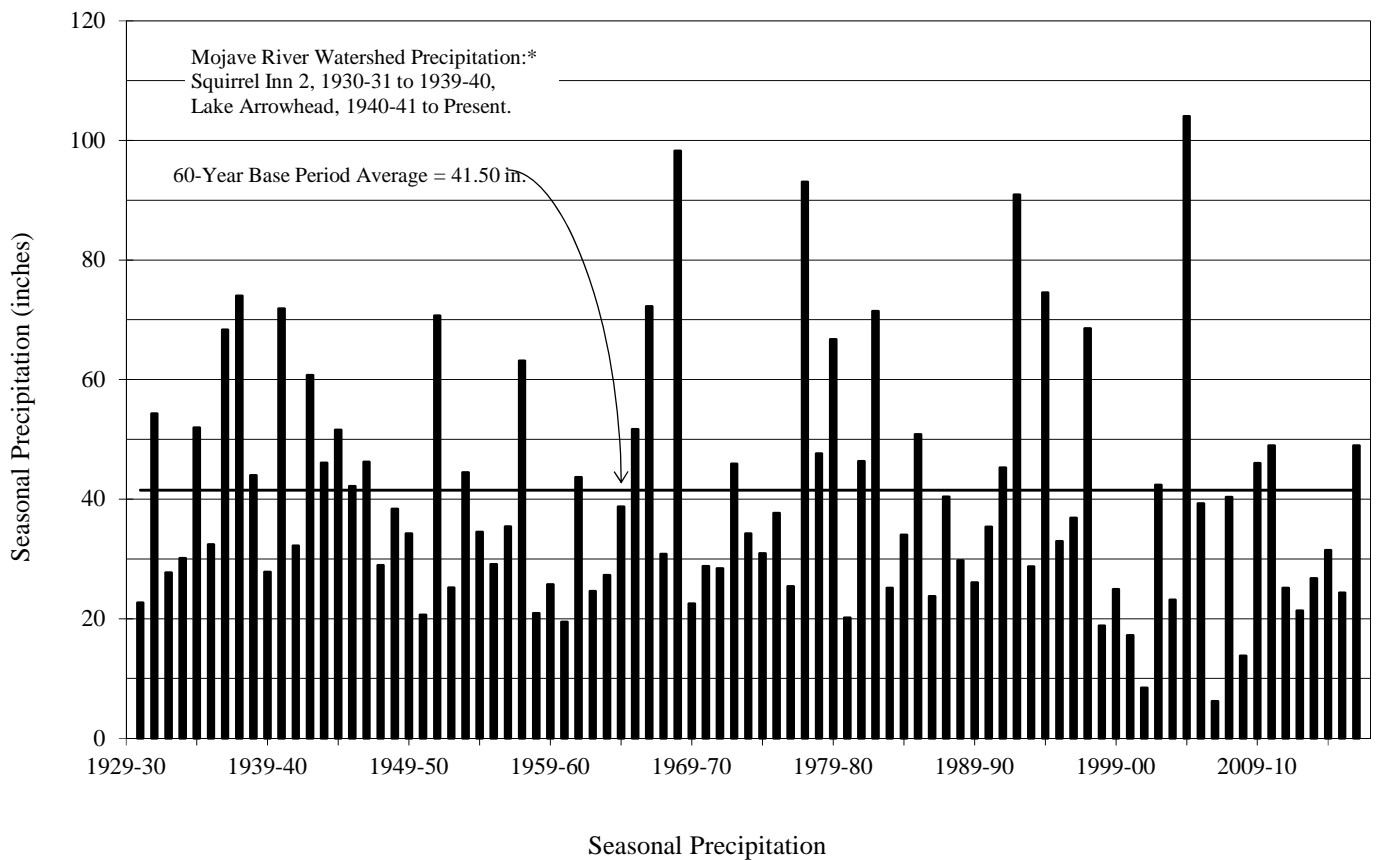
After experiencing below average precipitation during 2015-16, the precipitation in the Mojave River Watershed during 2016-17, as measured at Lake Arrowhead was above average at about 118 percent of the 60 Year Base Period average. The combined flow of the West Fork Mojave River and Deep Creek during the 2016-17 Water Year was about 88 percent of the 60-Year Base Period average.

Precipitation During 2016-17

Rainfall in the mountain areas is the principal source of natural water supply to the Mojave Basin Area. During the 2016-17 Water Year the precipitation at Lake Arrowhead amounted to 48.91 inches, which is about 118 percent of the Base Period average of 41.5 inches. The maximum monthly rainfall of 15.09 inches occurred in January 2017, with 13.87 inches and 2.81 inches occurring during December 2016 and May 2017, respectively. Figure 3-1 shows the seasonal precipitation from 1930-31 through 2016-17 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 6.59 inches and 5.07 inches, respectively. The amount recorded at Victorville represents approximately 121 percent of the annual average of 5.47 inches and the amount recorded at Barstow represents approximately 111 percent of the annual average of 4.57 inches. Figure 3-2 shows the seasonal precipitation at Victorville and Barstow.

Runoff During 2016-17

Locations of stream flow gages for the Mojave River system are shown on Appendix A. Table 3-1 shows monthly discharge amounts for 2016-17 at these locations.



Precipitation Characteristics, Mojave River Watershed

FIGURE 3-1

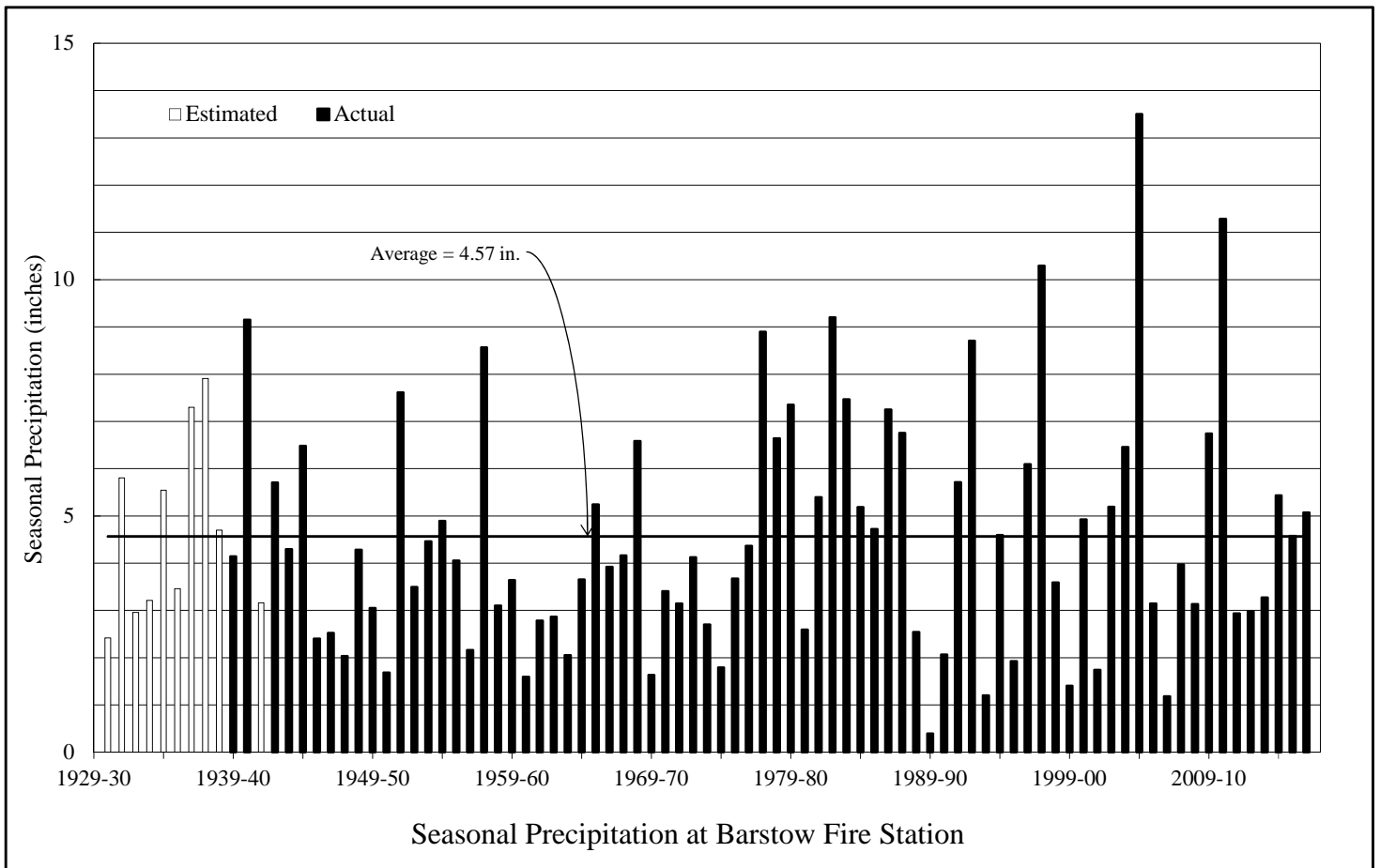
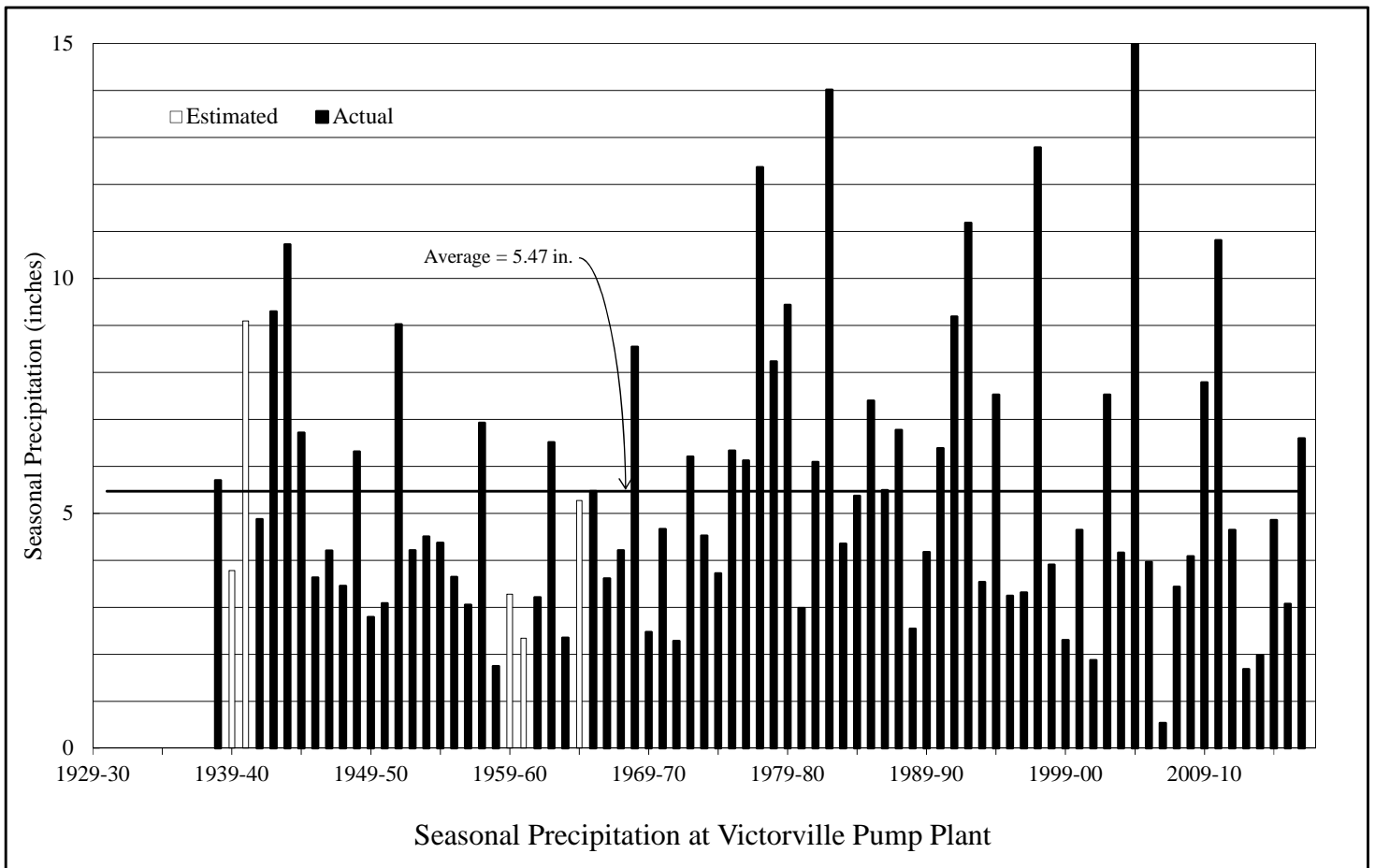


FIGURE 3-2

TABLE 3-1
MONTHLY DISCHARGE AMOUNTS
FOR WATER YEAR 2016-17
(Acre-Feet)

| Month | Forks ¹ | Lower Narrows ² | | | Barstow ³ | Afton ⁴ | | |
|-------------------|---------------------------|-----------------------------------|-------------------|--------------|-----------------------------|---------------------------|-------------------|--------------|
| | Measured Discharge | Base Flow | Storm Flow | Total | Measured Discharge | Base Flow | Storm Flow | Total |
| October | 3,741.60 | 110 | 0 | 110 | 0.0 | 0.00 | 0.0 | 0.00 |
| November | 3,874.00 | 301 | 0 | 301 | 0.0 | 0.32 | 0.0 | 0.32 |
| December | 2,223.00 | 488 | 1,160 | 1,648 | 0.0 | 14.50 | 0.0 | 14.50 |
| January | 19,610.00 | 580 | 3,666 | 4,246 | 0.0 | 21.80 | 148.2 | 170.00 |
| February | 13,967.00 | 671 | 732 | 1,403 | 0.0 | 23.40 | 0.0 | 23.40 |
| March | 7,447.00 | 694 | 12 | 706 | 0.0 | 20.20 | 0.0 | 20.20 |
| April | 3,739.00 | 459 | 0 | 459 | 0.0 | 13.70 | 0.0 | 13.70 |
| May | 1,664.00 | 324 | 25 | 349 | 0.0 | 6.37 | 0.0 | 6.37 |
| June | 565.00 | 131 | 0 | 131 | 0.0 | 0.38 | 0.0 | 0.38 |
| July | 202.30 | 96 | 0 | 96 | 0.0 | 0.00 | 0.0 | 0.00 |
| August | 218.50 | 84 | 0 | 84 | 0.0 | 0.00 | 44.3 | 44.30 |
| September | 182.10 | 93 | 0 | 93 | 0.0 | 0.00 | 0.0 | 0.00 |
| Total (AF) | 57,434 | 4,031 | 5,595 | 9,626 | 0 | 101 | 192 | 293 |

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 2016-17 as measured by the combined discharges of the West Fork Mojave River and Deep Creek was 57,434 acre-feet or about 88 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 2016-17 and the accumulated departure from the Base Period average are shown on Figure 3-3.

At Lower Narrows

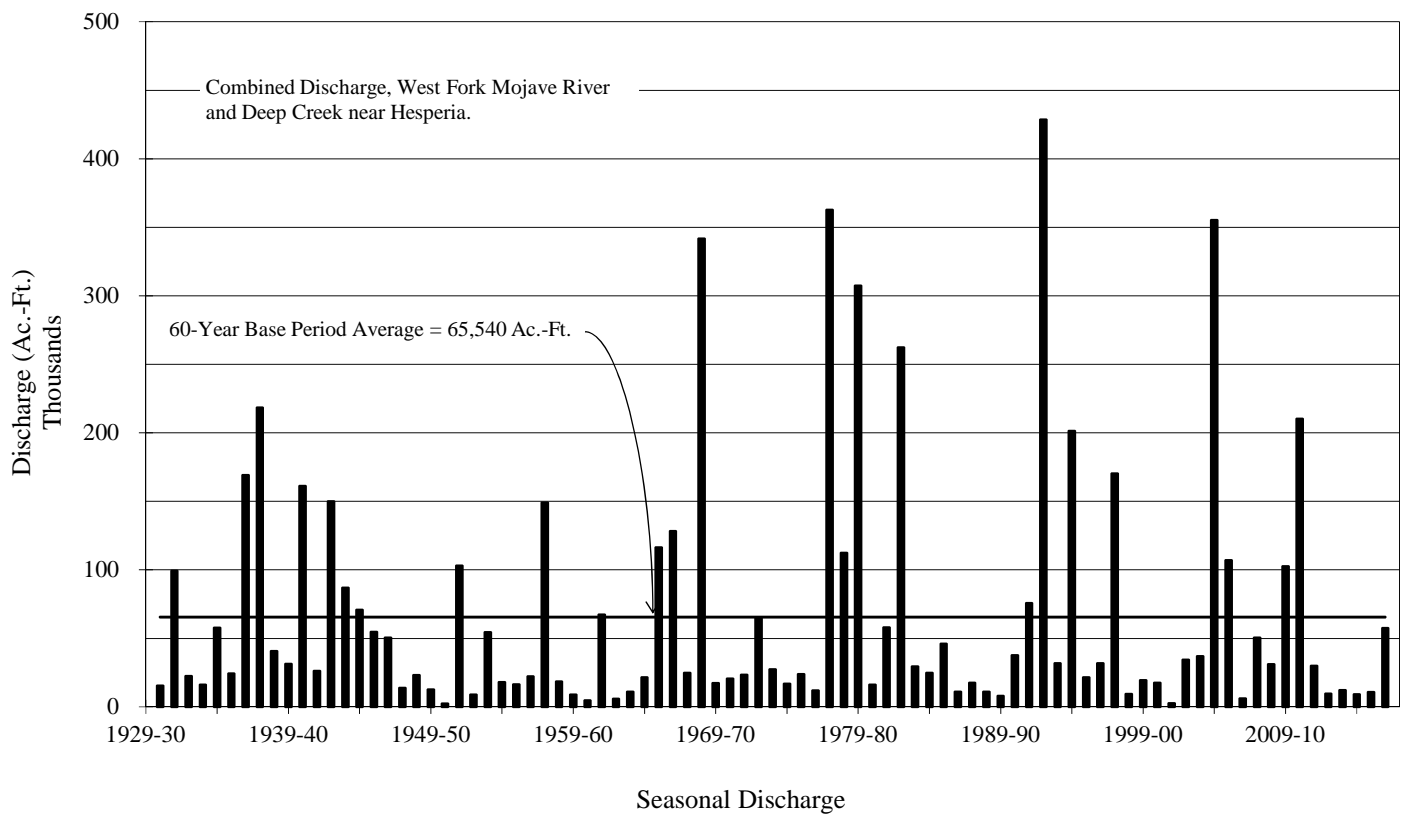
The total surface flow of the Mojave River at the Lower Narrows was 9,626 acre-feet, which is about 18.5 percent of the 60-Year Base Period average of 51,960 acre-feet. During Water Year 2016-17 the total flow accruing to the Lower Narrows Gage was estimated to consist of 5,595 acre-feet of storm flow and 4,031 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 2016-17.

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 2016-17.

At Afton

The total surface flow of the Mojave River at Afton was 293 acre-feet, which is about 3.5 percent of the Base Period average of 8,247 acre-feet. During 2016-17 the total flow accruing to the Afton Gage was estimated to consist of 192 acre-feet of storm flow and 101 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 2016-17.



Discharge Characteristics, Mojave River at the Forks

FIGURE 3-3

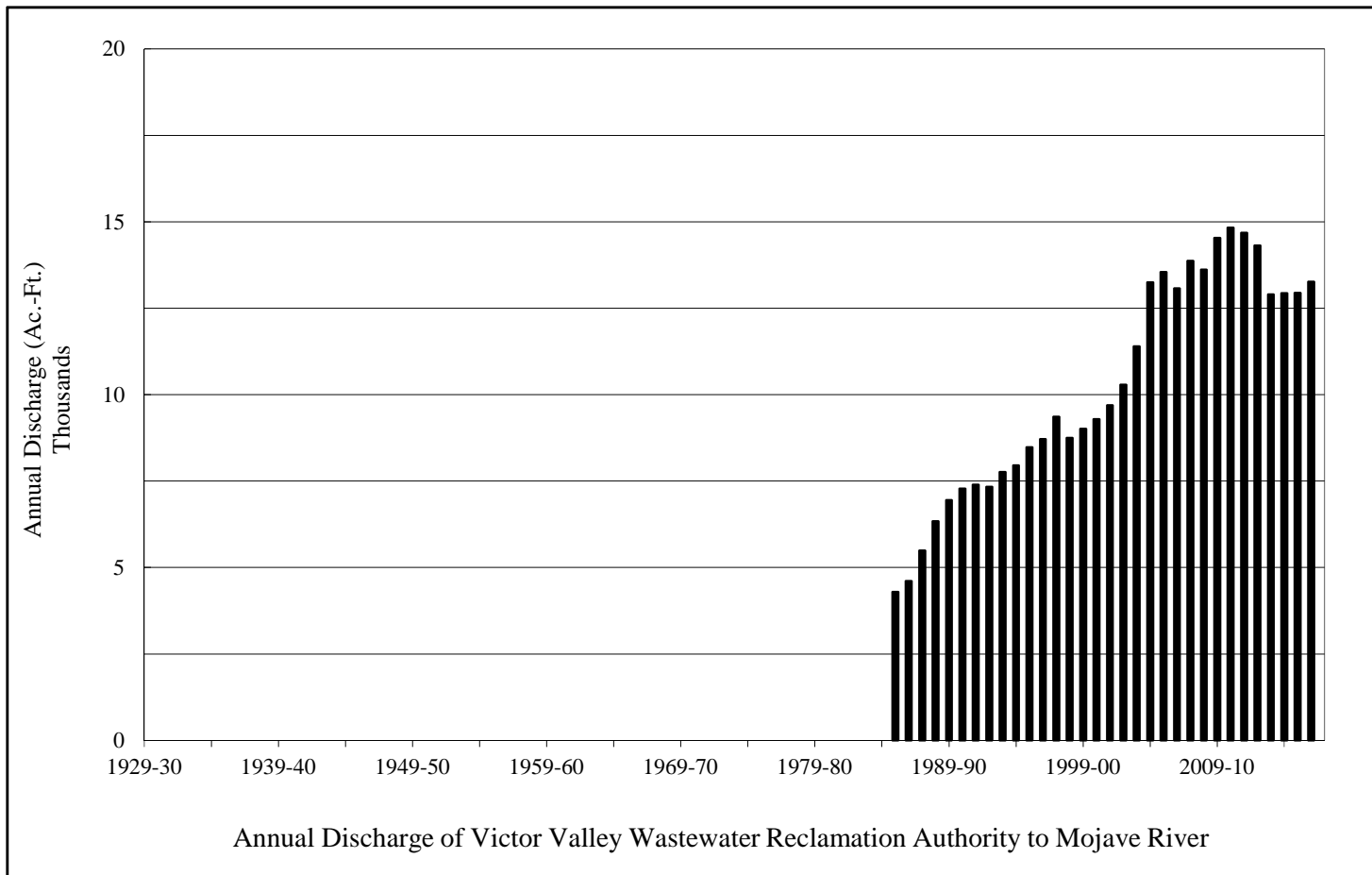
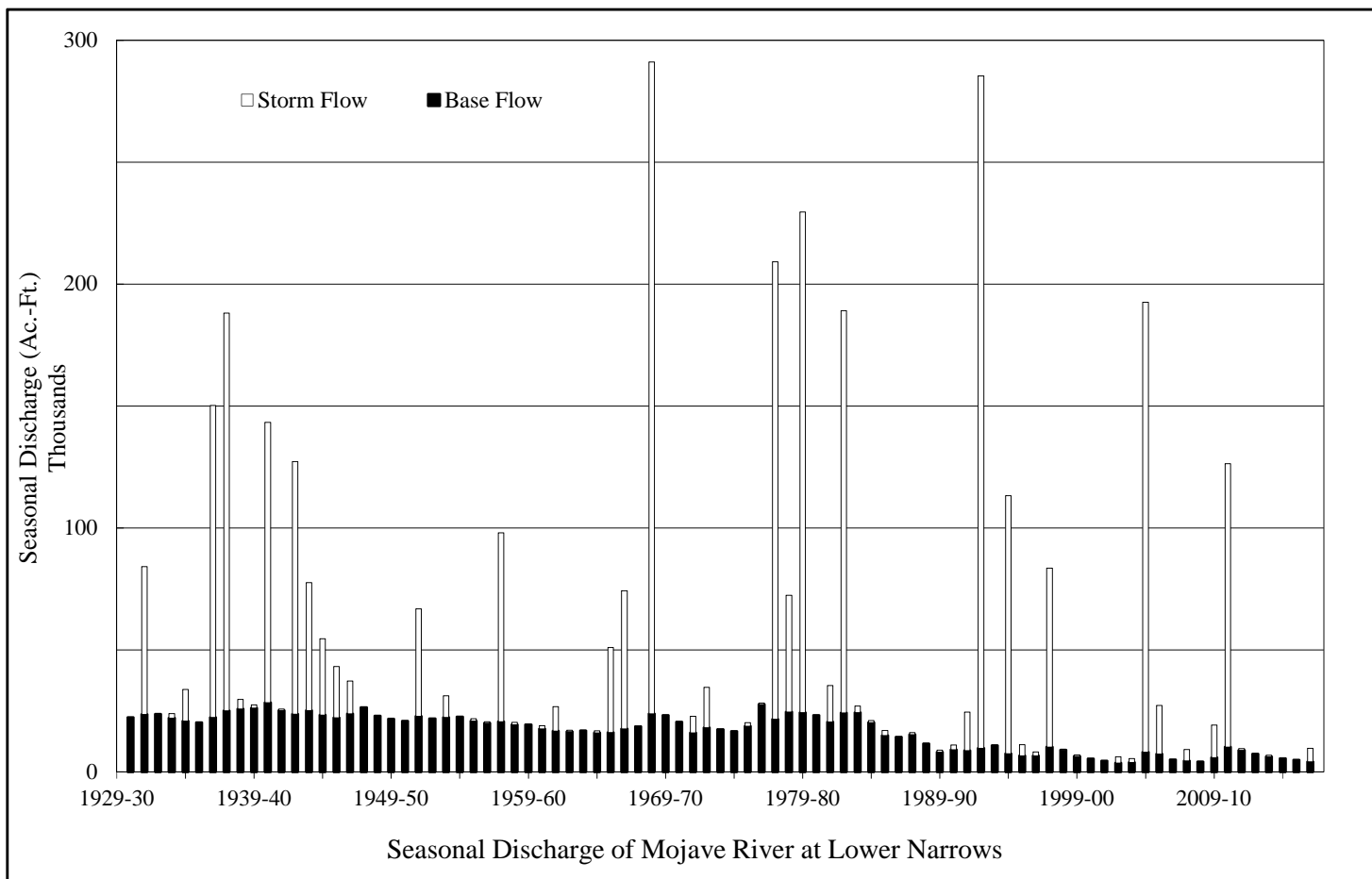


FIGURE 3-4

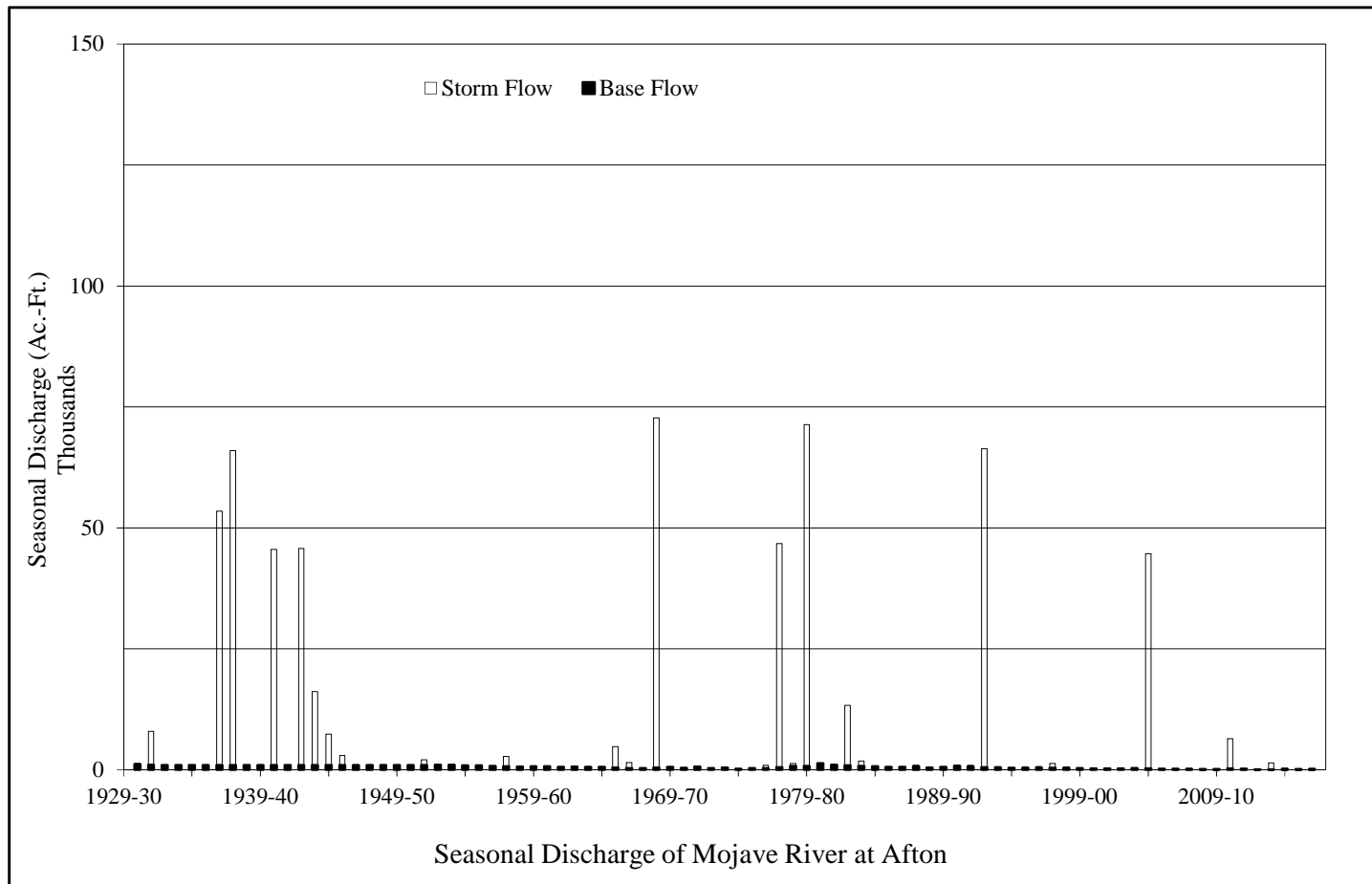
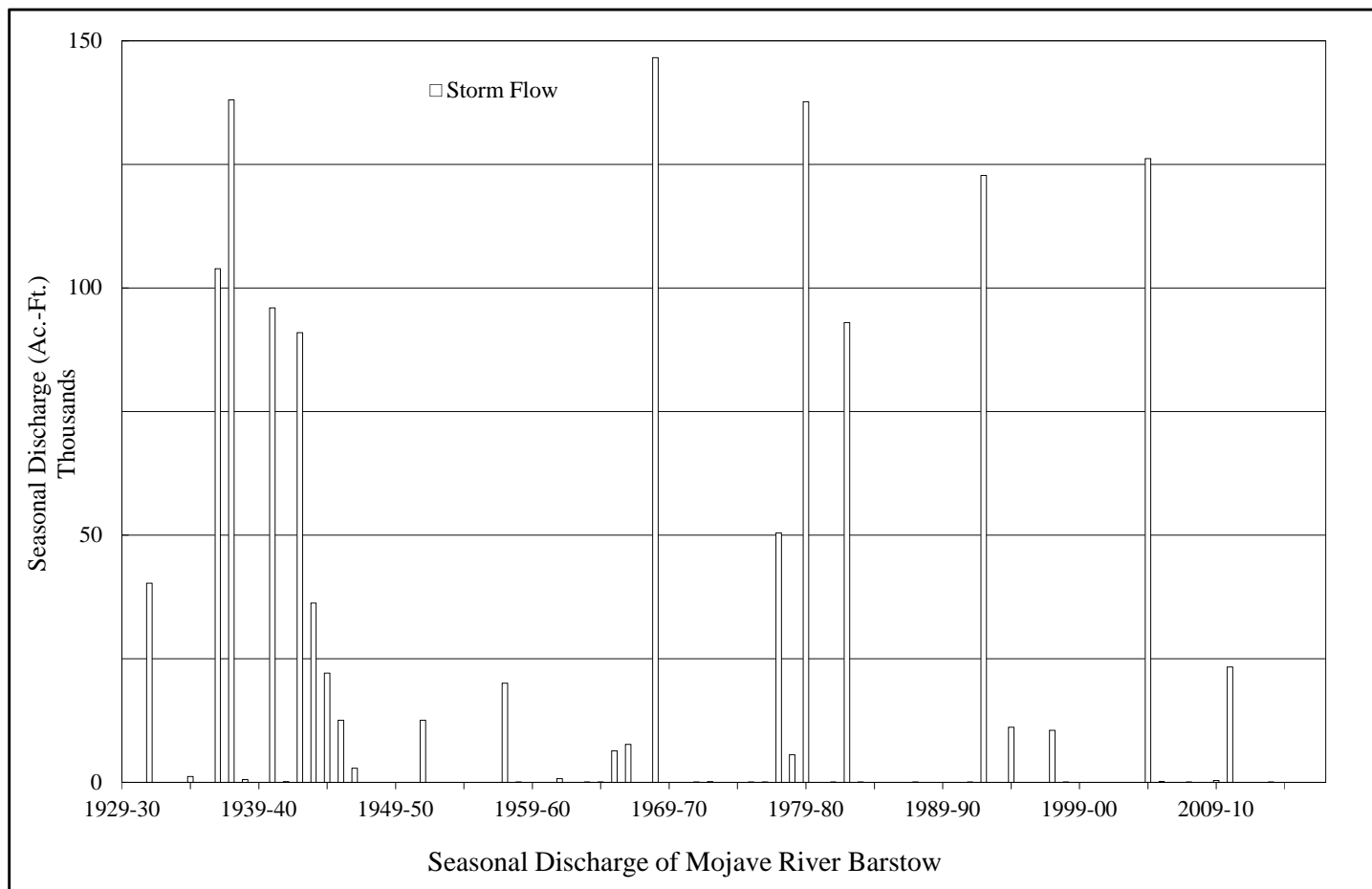


FIGURE 3-5

Wastewater Imports

During 2016-17 reclaimed wastewater was delivered to the Mojave Basin Area for disposal by the following agencies:

| | Amount Delivered (acre-feet) |
|--|------------------------------------|
| Lake Arrowhead Community Services District | 1,062 |
| Crestline Sanitation District | 741 |
| Big Bear Area Regional Wastewater Agency | 2,711 |
| | <hr/> |
| | 4,514 |

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 13,262 acre-feet for Water Year 2016-17. The annual wastewater effluent discharge to the Mojave River for the period 1985-86 through 2016-17 is shown on Figure 3-4.

Imported Water Deliveries by MWA

During 2016-17 MWA delivered 26,294 acre-feet of State Water Project water to the Alto, Centro and Baja Subareas.

(All Amounts in Acre-feet)

| | <u>Month</u> | <u>Alto¹</u> | <u>Alto²</u> | <u>Centro³</u> | <u>Centro⁴</u> | <u>Baja⁵</u> | <u>Total</u> |
|---------------|---------------------|--------------------------------|--------------------------------|----------------------------------|----------------------------------|--------------------------------|---------------------|
| (2016) | October | 54 | 6,724 | 77 | 125 | 162 | 7,142 |
| | November | 0 | 4,826 | 34 | 0 | 13 | 4,873 |
| | December | 9 | 0 | 5 | 0 | 0 | 14 |
| (2017) | January | 22 | 0 | 24 | 0 | 0 | 46 |
| | February | 11 | 0 | 37 | 0 | 0 | 48 |
| | March | 0 | 0 | 56 | 0 | 0 | 56 |
| | April | 0 | 0 | 90 | 0 | 0 | 90 |
| | May | 0 | 940 | 91 | 0 | 0 | 1,031 |
| | June | 0 | 2,494 | 123 | 281 | 77 | 2,975 |
| | July | 28 | 2,005 | 162 | 269 | 172 | 2,636 |
| | August | 0 | 2,549 | 122 | 166 | 277 | 3,114 |
| | September | 0 | 2,475 | 71 | 1,148 | 575 | 4,269 |
| | Total | 124 | 22,013 | 892 | 1,989 | 1,276 | 26,294 |

¹ Deliveries to the power plant at SCLA.

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

³ Deliveries to the solar generating facility at Kramer Junction.

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

⁵ 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 13,262 acre-feet during 2016-17 which supports water levels within the Transition Zone. These water levels remained stable during Water Year 2016-17.

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.

Transition Zone Water Balance

Watermaster prepares a water balance calculation for each subarea annually pursuant to the Judgment. For purposes of tracking annual variability in Transition Zone water supply, we are including a water balance calculation specifically for the Transition Zone. Figure 3-10 shows the annual calculated Transition Zone outflow since entry of Judgment (1994-2017), versus the 60-year base period average (1931-1990 “Base Period”). Total outflow from the Transition Zone is inflow to Centro. On an annual basis, outflow to Centro is highly variable consistent with the infrequent storms typical of desert environments. Transition Zone water levels have been stable or rising since 1994, suggesting that change in storage within the Transition Zone is nearly zero.

The elements of Transition Zone water supply include:

- Surface water inflow from the Mojave River, measured at the USGS Gaging Station at Lower Narrows (Table 3-1)
- Measured Victor Valley Wastewater Reclamation Authority (VWRA) effluent discharges (Chapter 3)
- Ungaged estimated contributions from urban development
- Long-term subsurface flow (Table 5-2)
- Return flows from production

Return flows are determined by analyzing verified production and use data maintained by Watermaster to provide estimates of consumptive use for all uses within the subarea since 2012

(see the State of the Basin section for more information about the consumptive use analysis). Return flow from production for water years 1994 through 2011 is estimated based on verified production and historic consumptive use in Alto Subarea (Table 5-2), analysis of irrigation demands for Silver Lakes Golf Course, lake evaporation, Helendale Community Services District (HCSD) wastewater flow, and estimations of domestic use based on HCSD flows. Verified production less estimated consumptive use becomes return flow to the Transition Zone.

The elements of use from the Transition Zone are:

- Groundwater extractions (production)
- Consumptive use by native vegetation (phreatophytes)

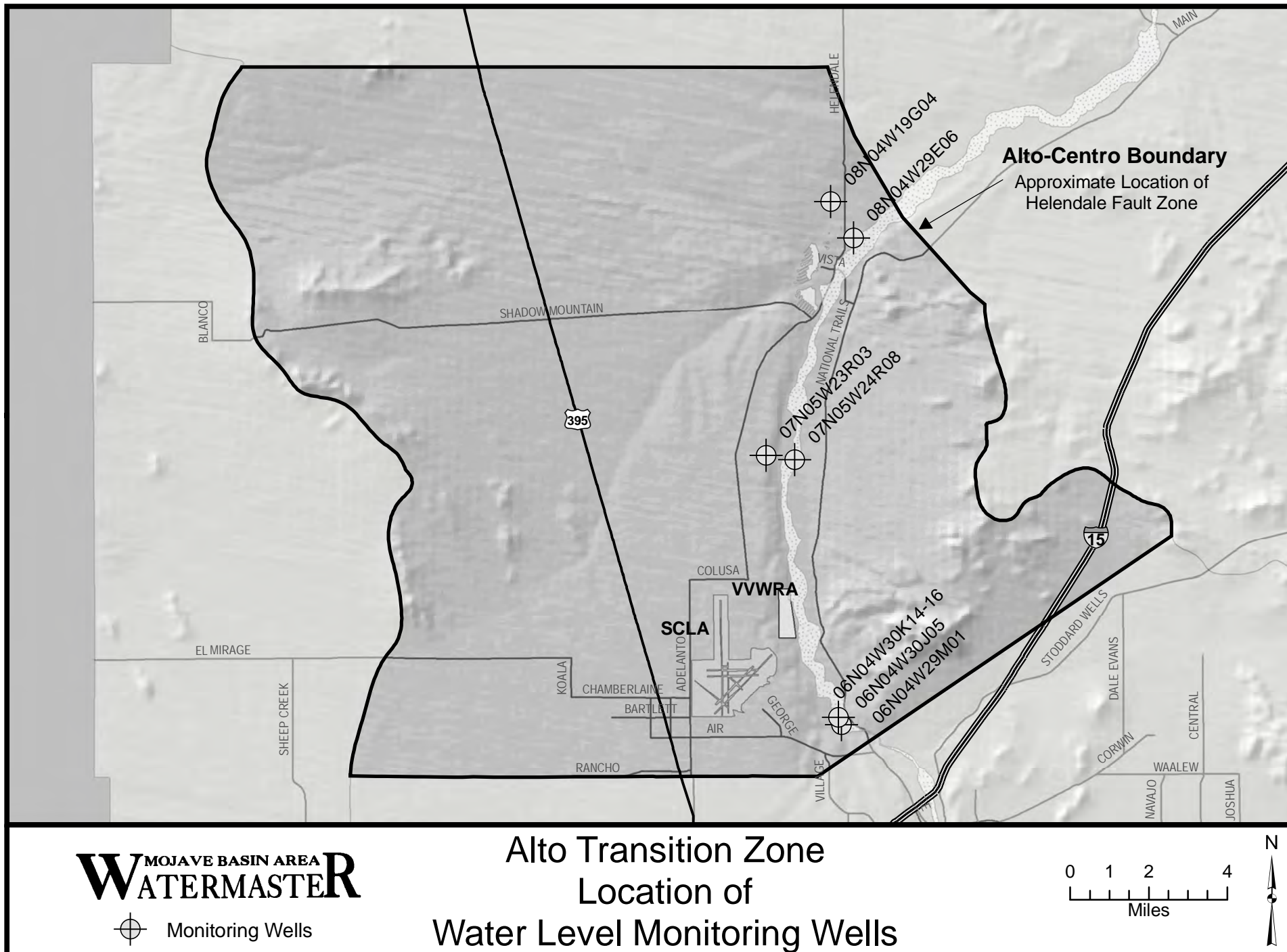
Verified production is compiled, verified, and maintained by Watermaster annually. Consumptive use for phreatophytes in the Transition Zone is based on a 2011 study by USBR which quantified consumptive use by phreatophytes in 2007 and 2010 (USBR 2011). Consumptive use for phreatophytes for 2010 was independently analyzed by Wagner & Bonsignore and compared to the findings of the USBR study, from which a coefficient was derived and used to adjust subsequent years. It is assumed the biomass recorded in 2010 by USBR remains the same through the current year, while consumptive use varies year-over-year based on changes in climate conditions.

The elements for calculating outflow from the Transition Zone to the Centro Subarea include:

- Long-term subsurface outflow (Table 5-2)
- Surface water outflow leaving the Transition Zone (which becomes inflow to the Centro Subarea)

Surface water outflow from the Transition Zone to the Centro Subarea is calculated based on the assumption that change in storage in the Transition Zone is zero. Historical water levels in the Transition Zone are stable over long periods of time (Figure 3-13). Therefore, for simplicity, surface water outflow is determined as the sum of water supply, less the sum of consumptive use and subsurface flow. Figure 3-10 shows that since the end of the hydrologic Base Period (1931-1990), average outflow to Centro (1991-2017) has exceeded the Base Period average.

FIGURE 3-6



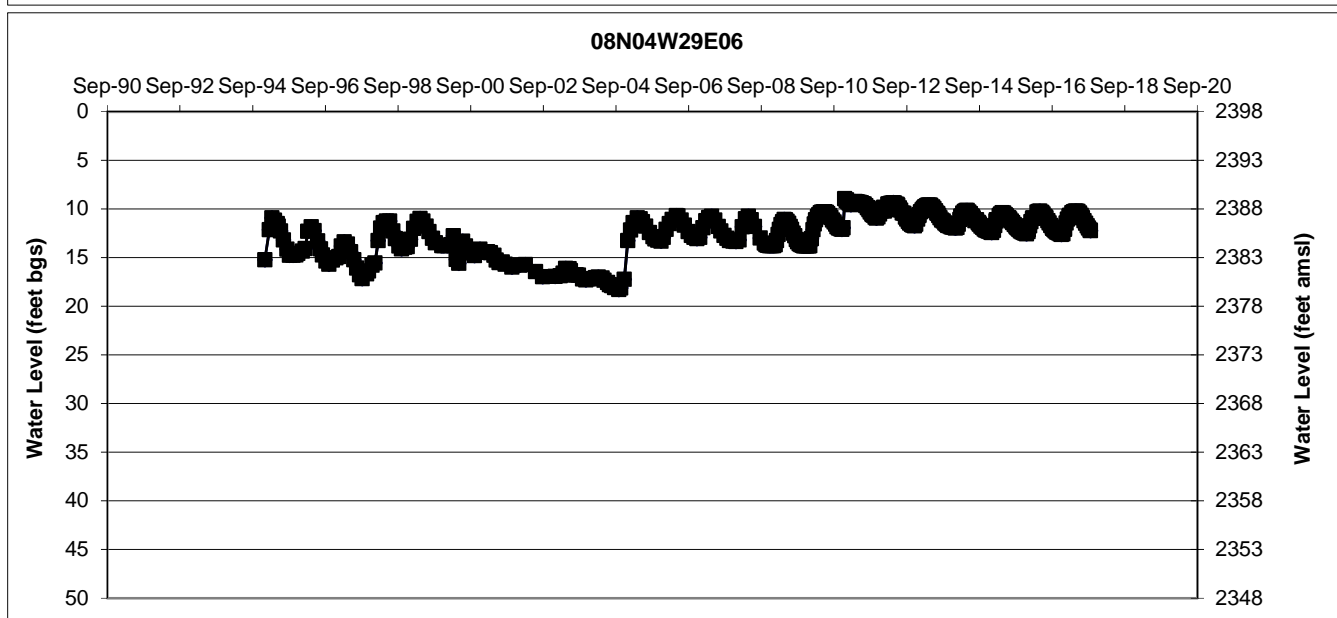
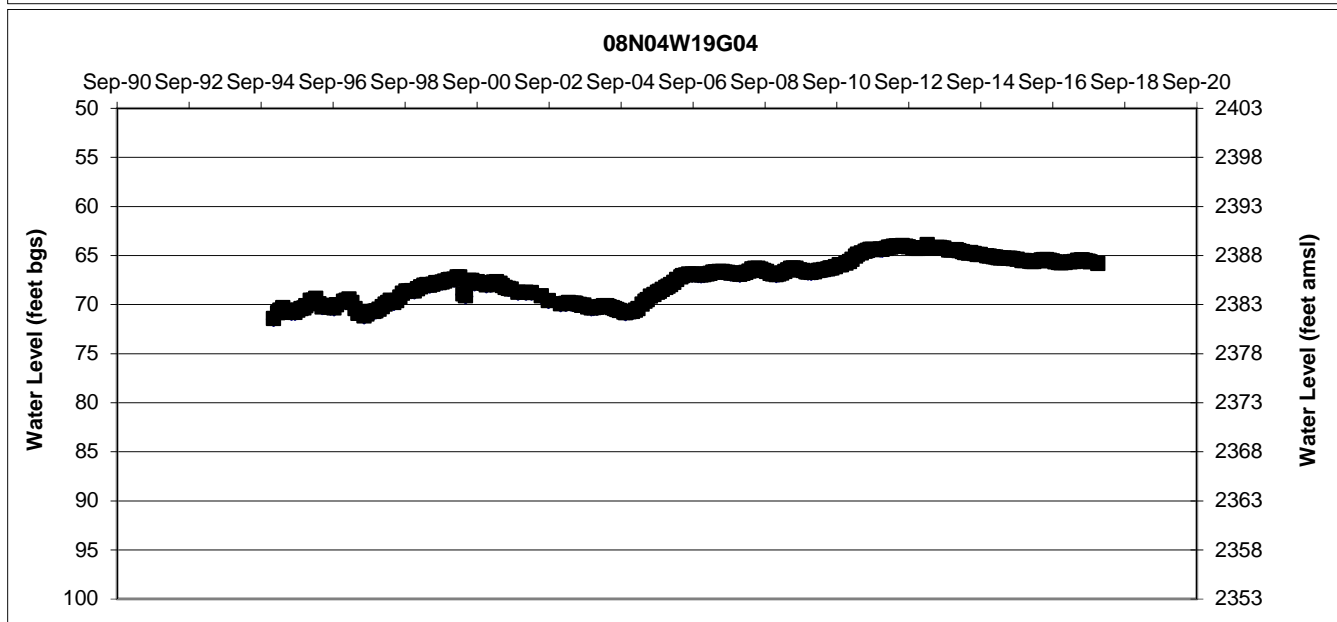
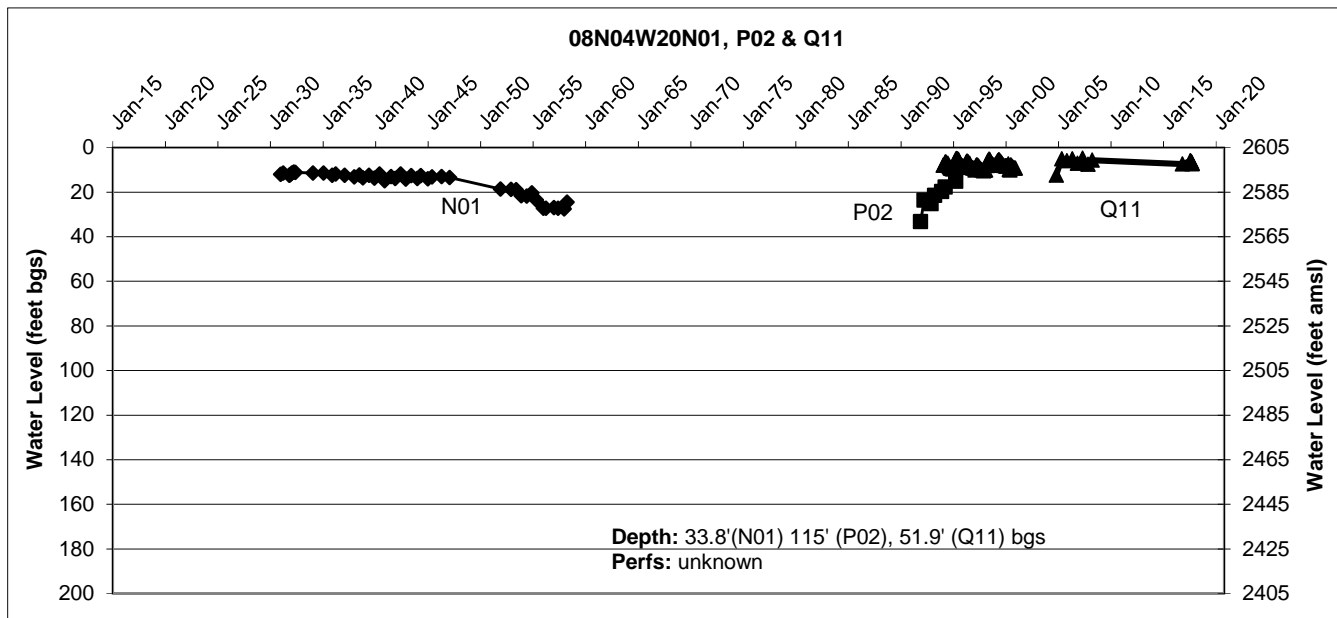


FIGURE 3-7

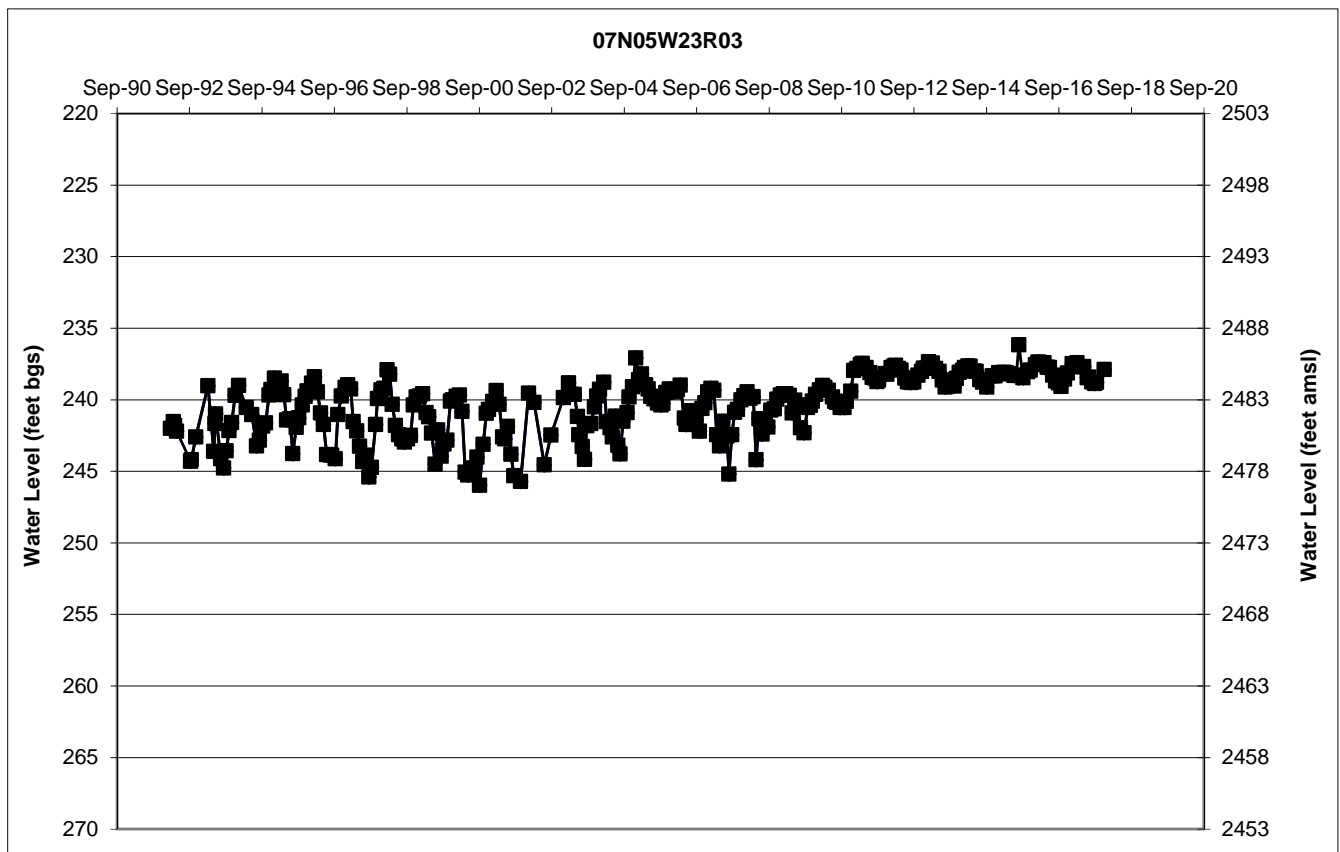
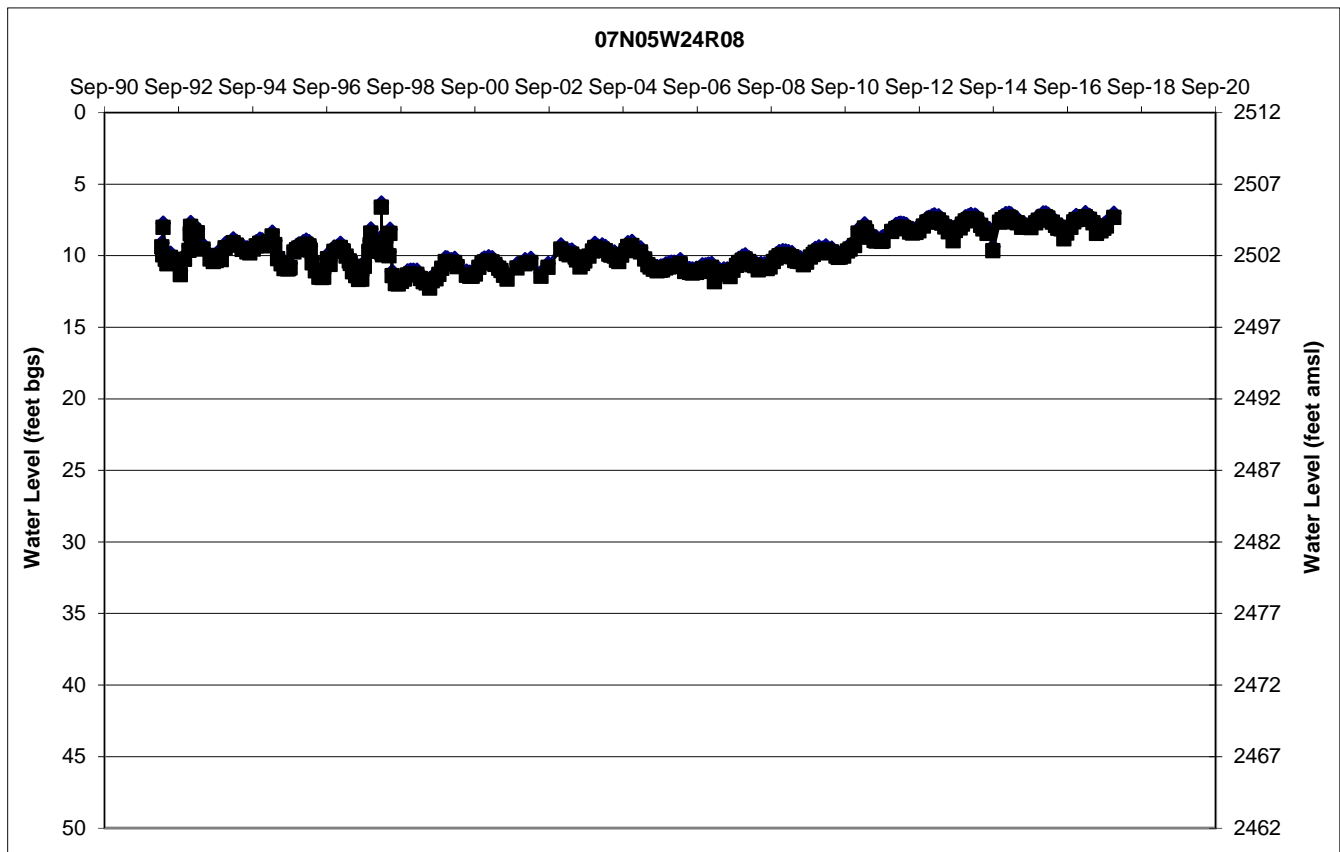


FIGURE 3-8

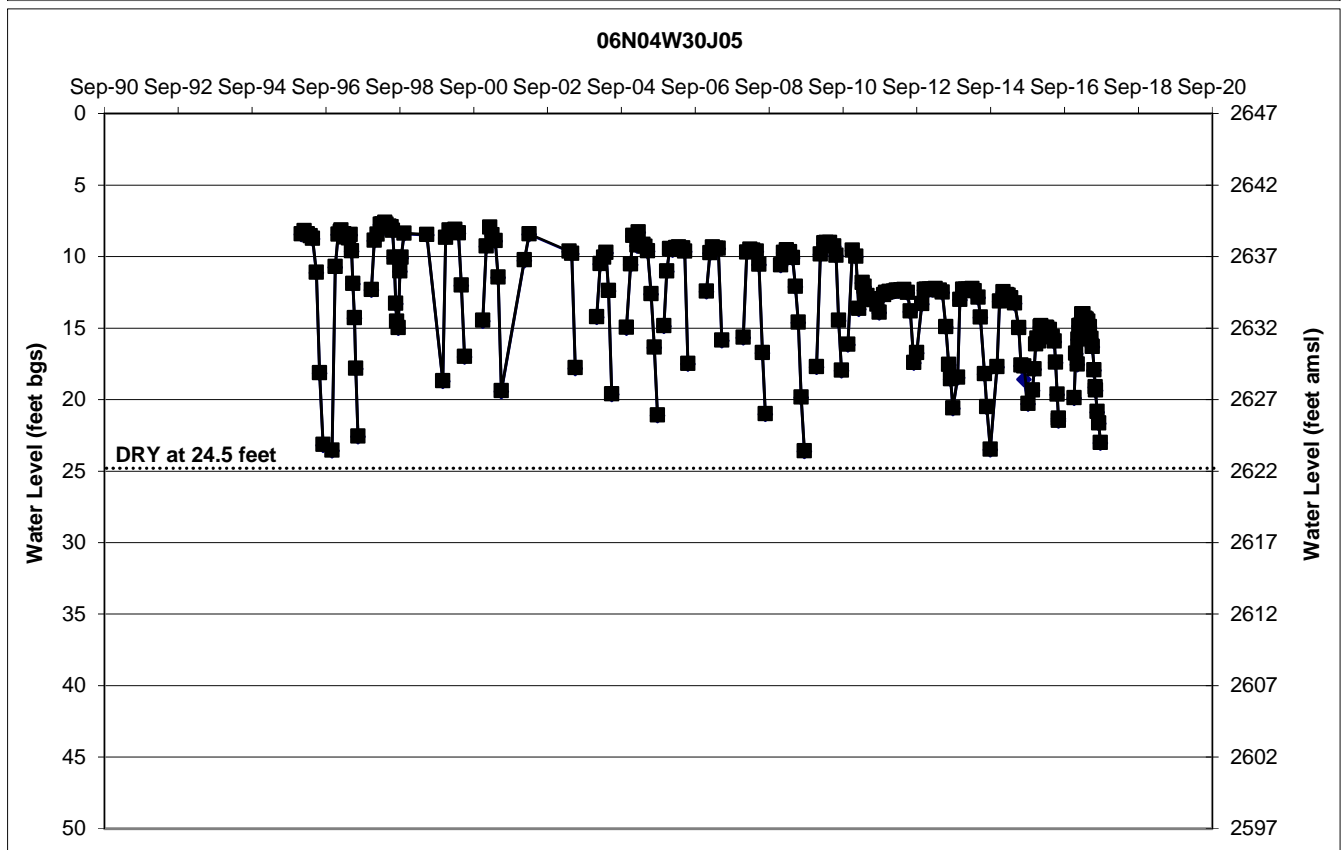
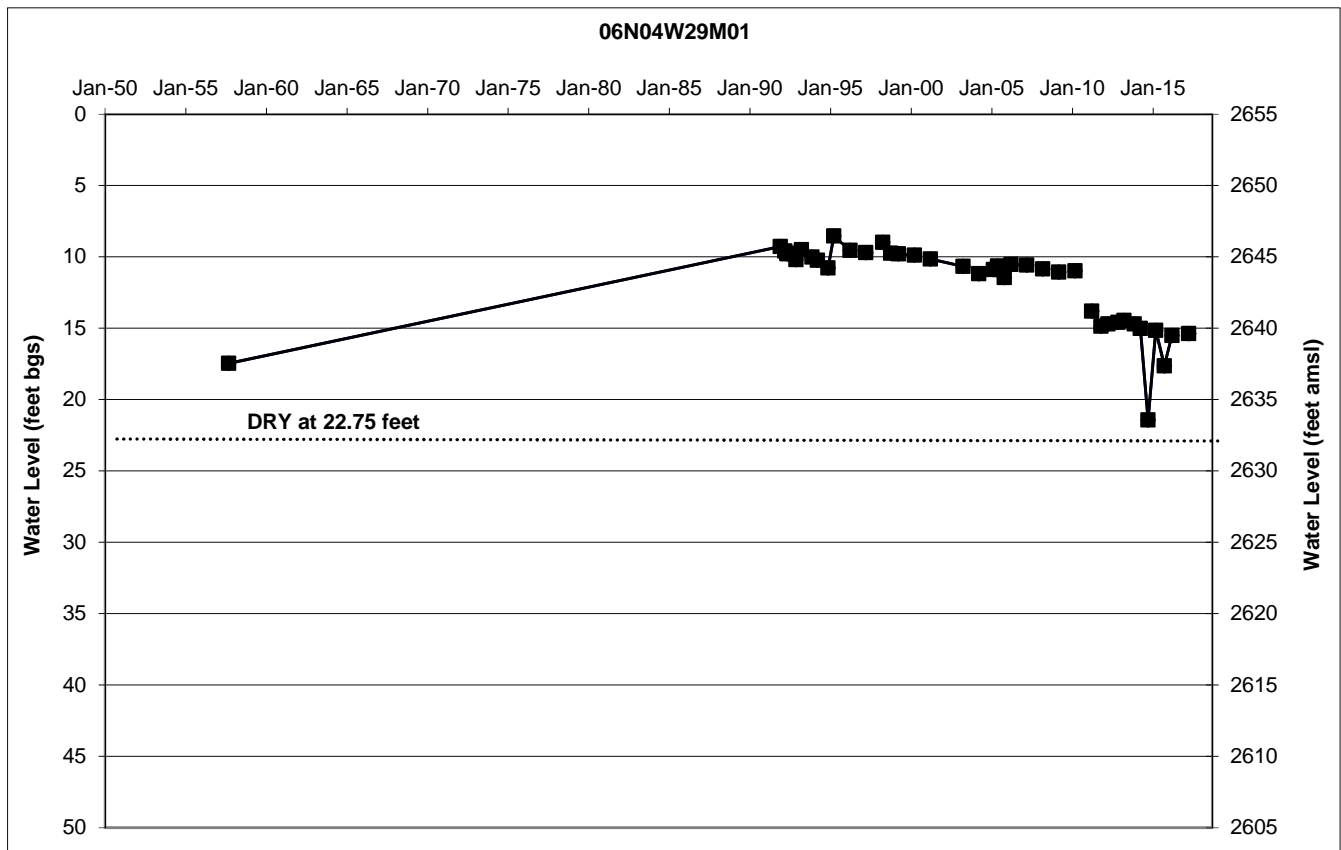


FIGURE 3-9

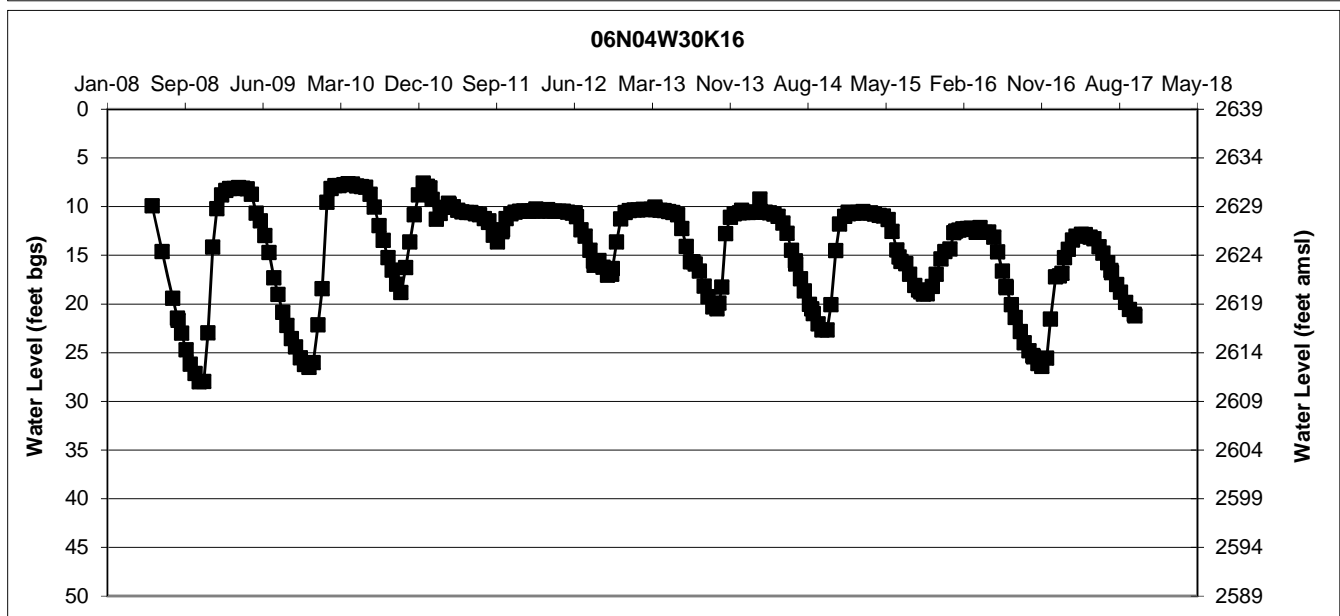
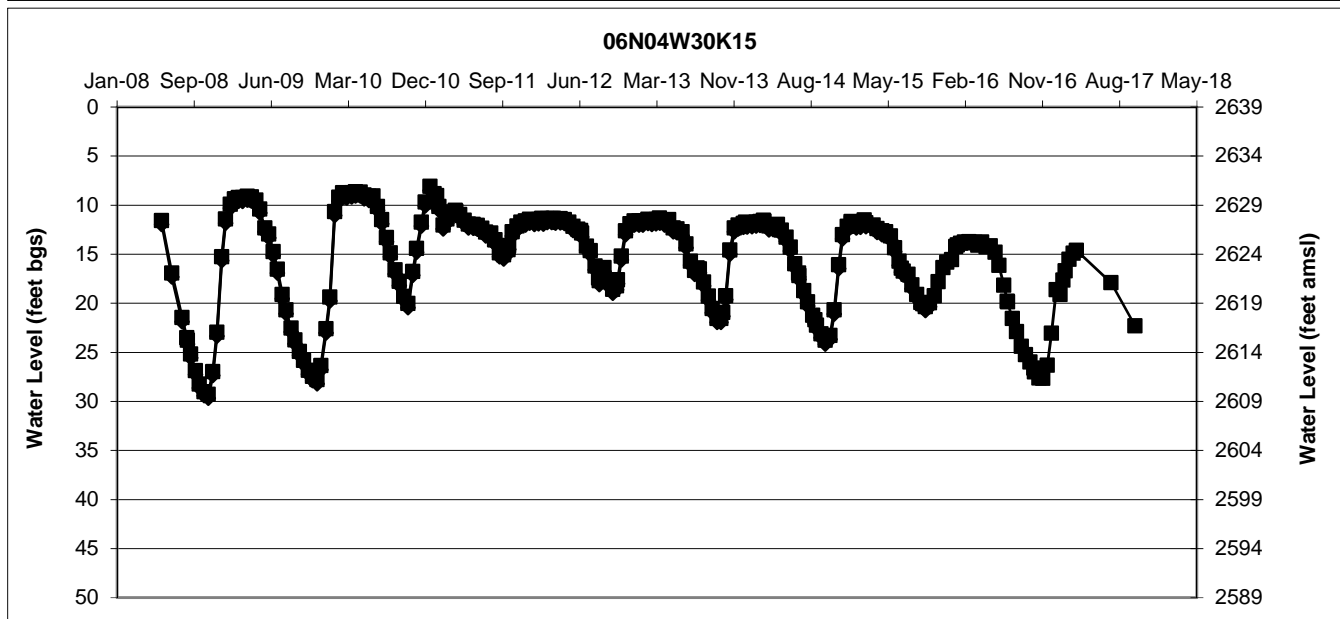
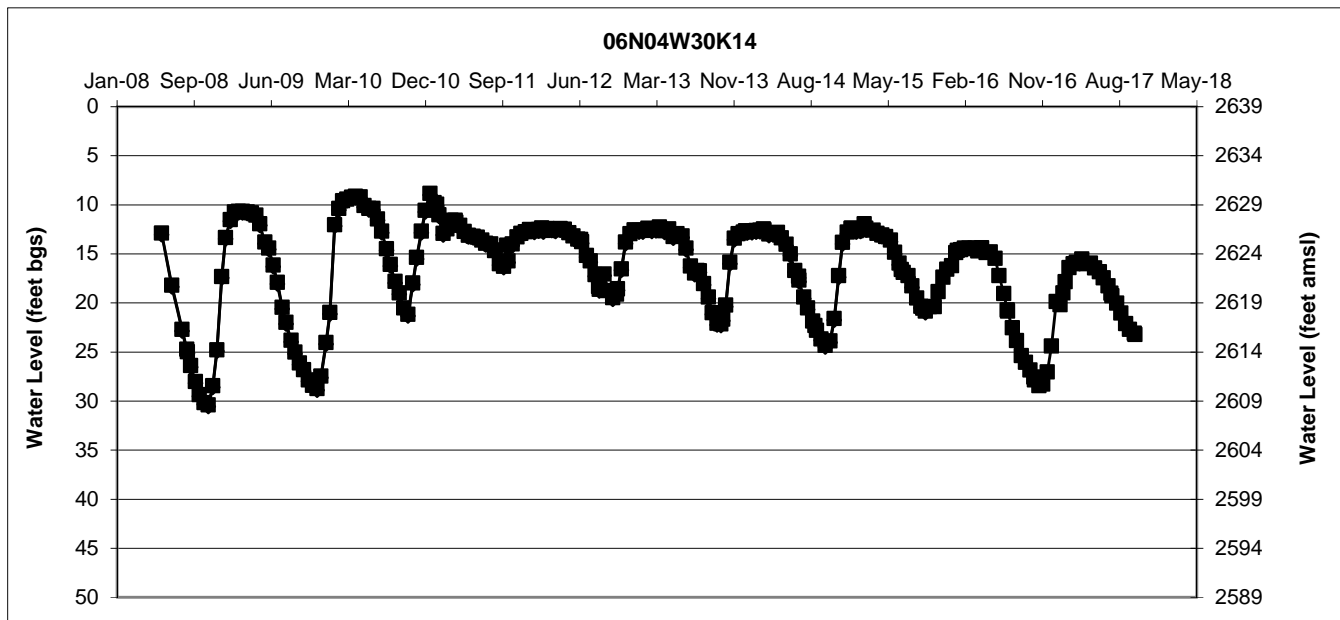


FIGURE 3-9

Transition Zone Water Balance

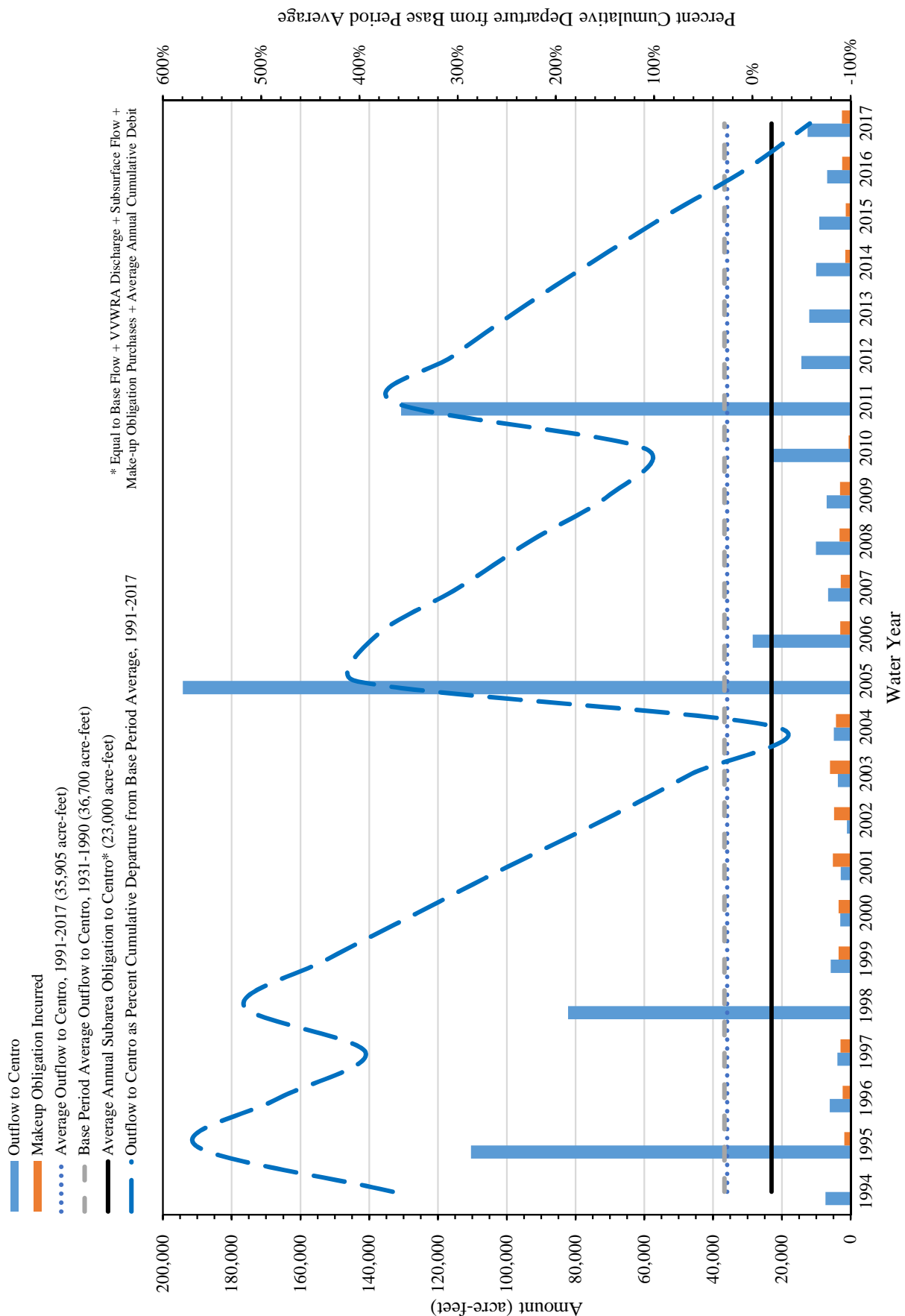


FIGURE 3-10

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

The hydrographs were presented for inspection at the February and March 2018 Watermaster meetings and discussed in detail by the Engineer. Figures 3-11 through 3-17 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, though many monitoring wells show signs of recovery in Water Year 2017. 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 a trend of decline for 5 years consistent with limited recharge due to drought conditions. However, recent precipitation, locally and in the mountains, has reversed the decline, with some wells showing signs of recovery. 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. 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.

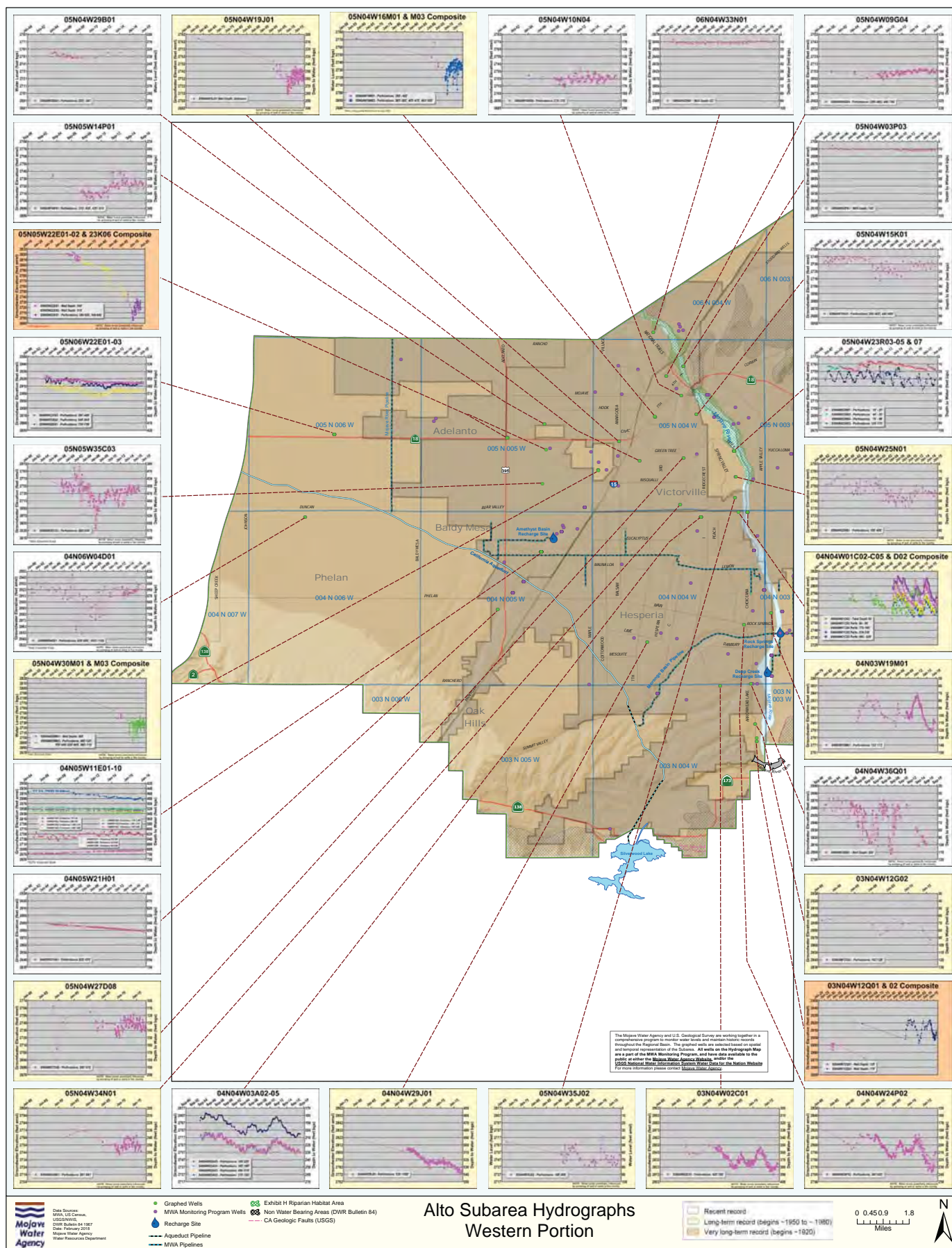


FIGURE 3-11

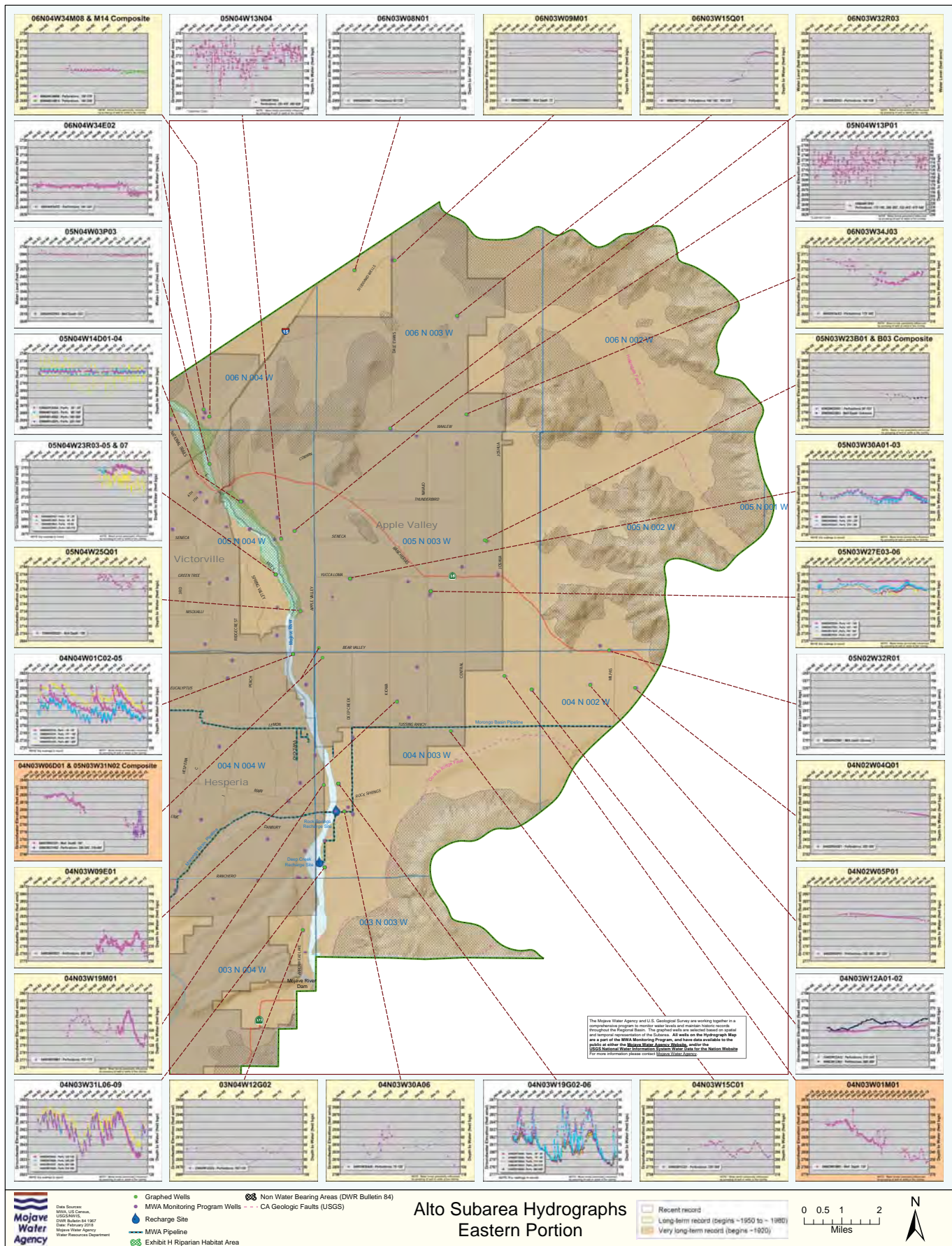


FIGURE 3-12

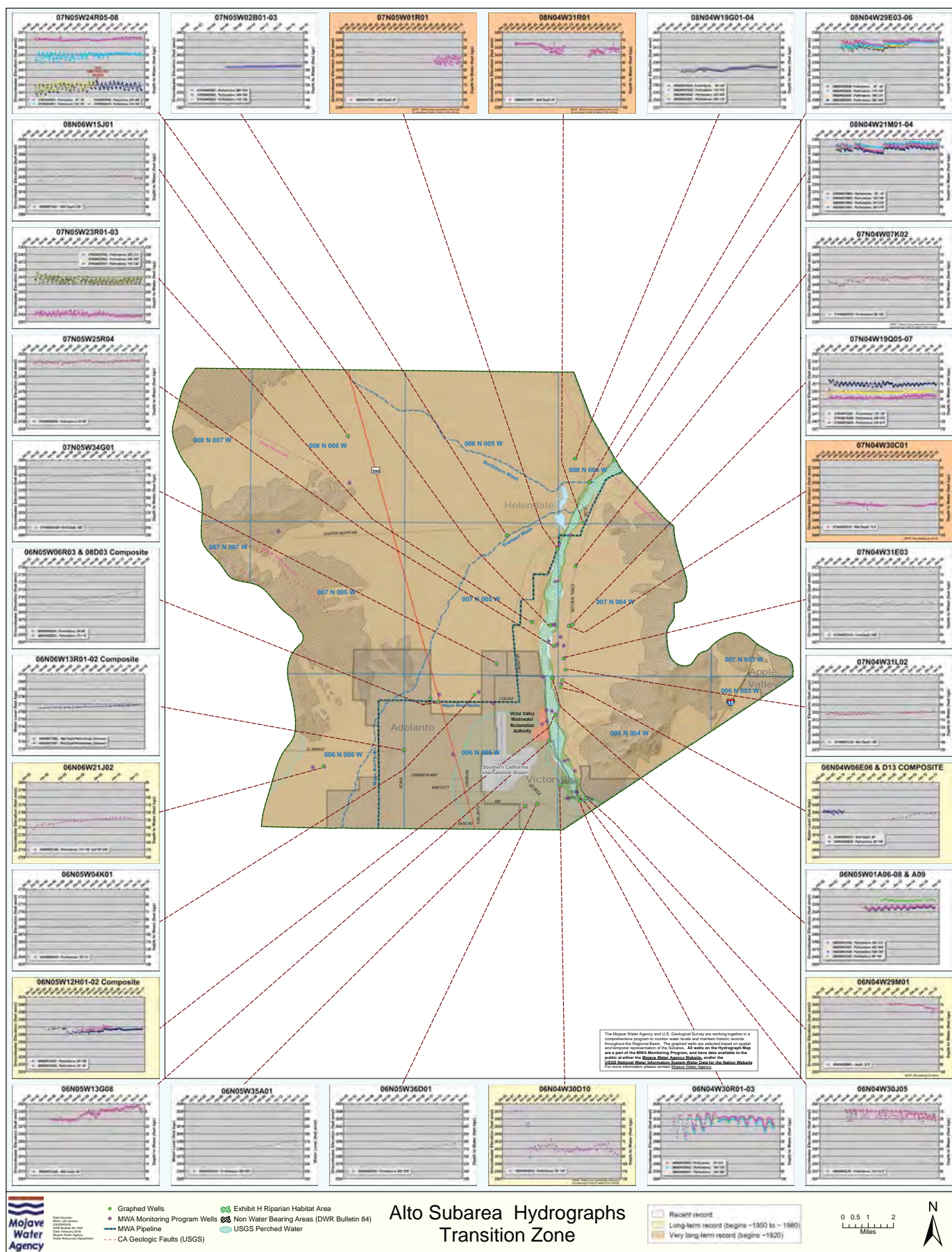


FIGURE 3-13

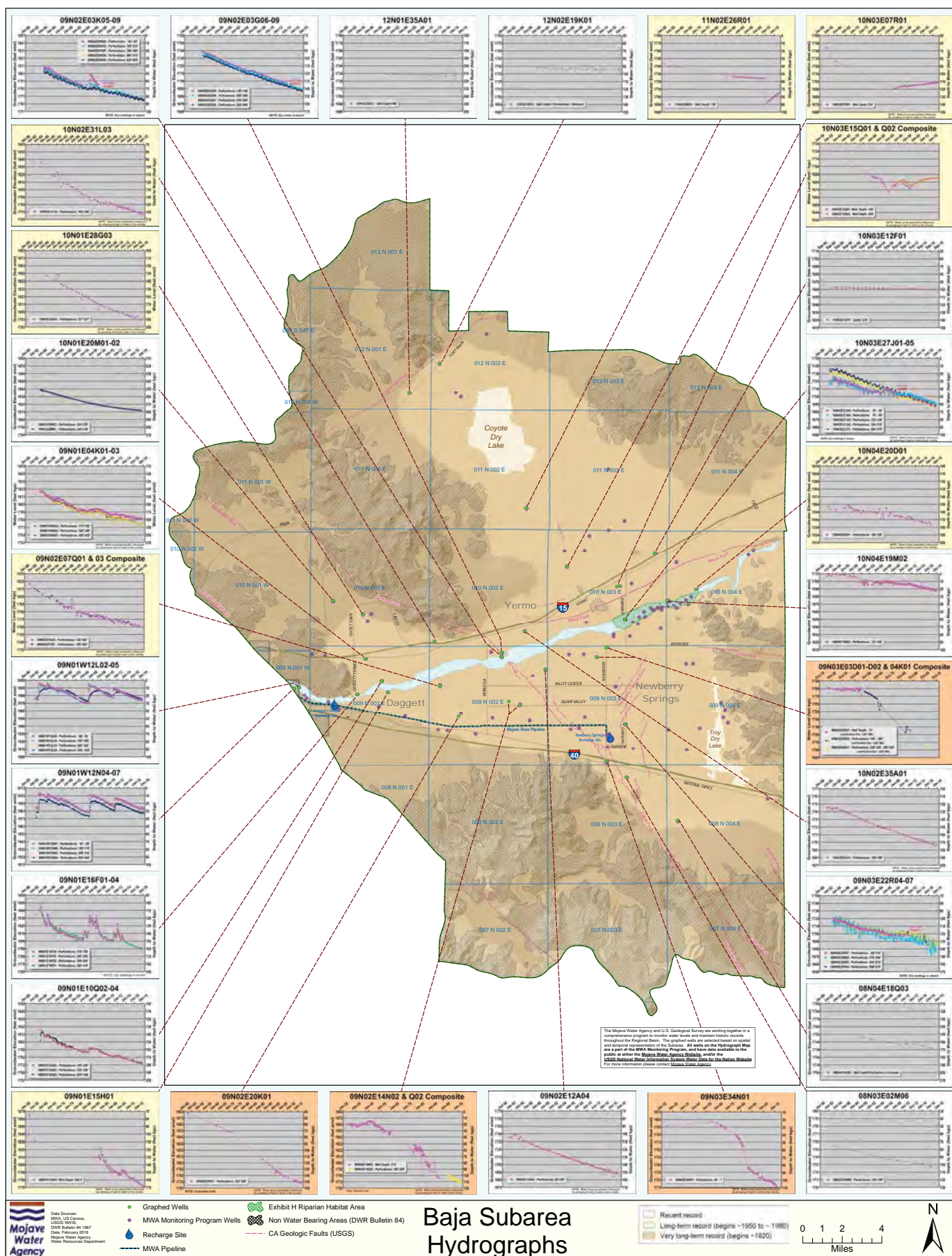


FIGURE 3-14

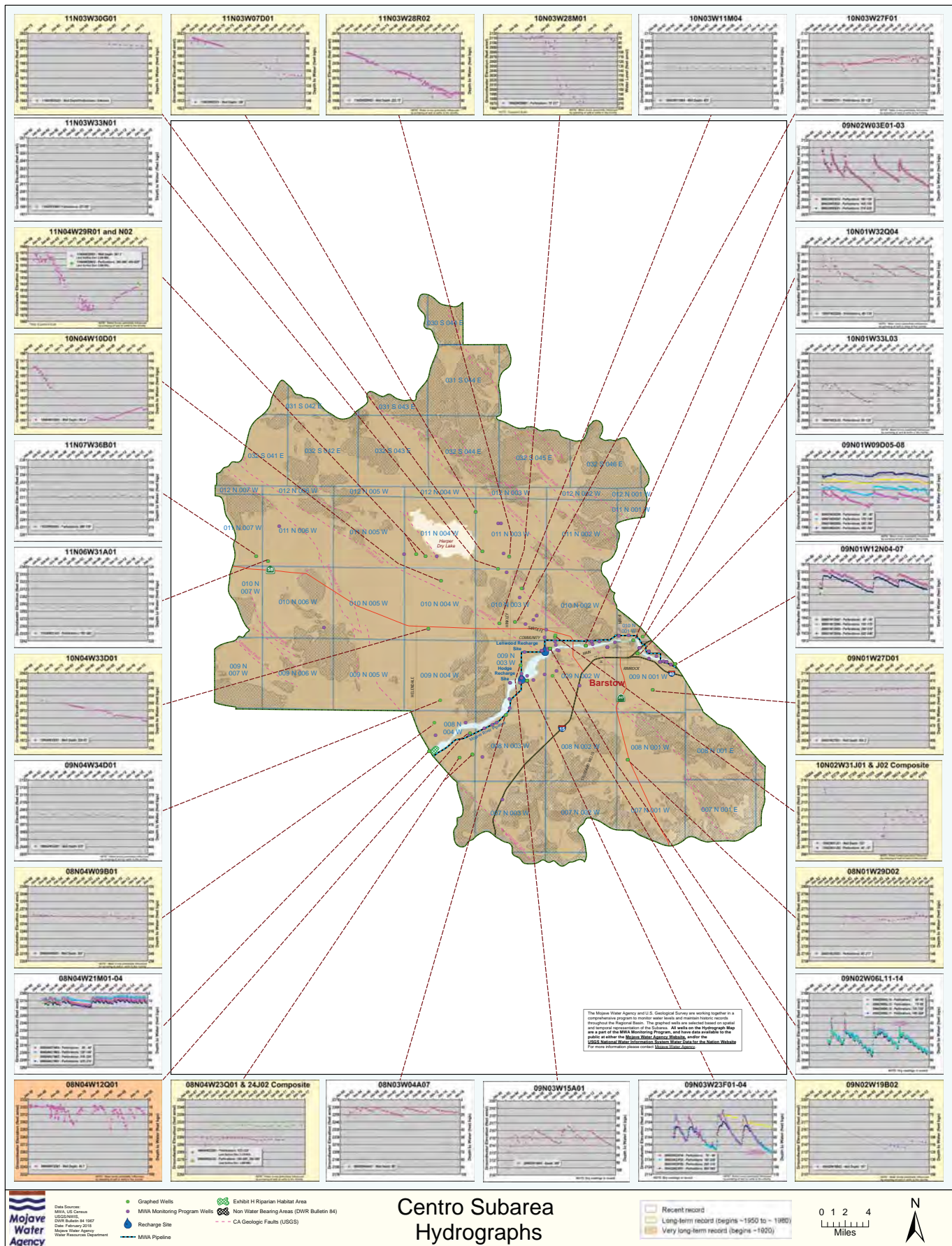


FIGURE 3-15

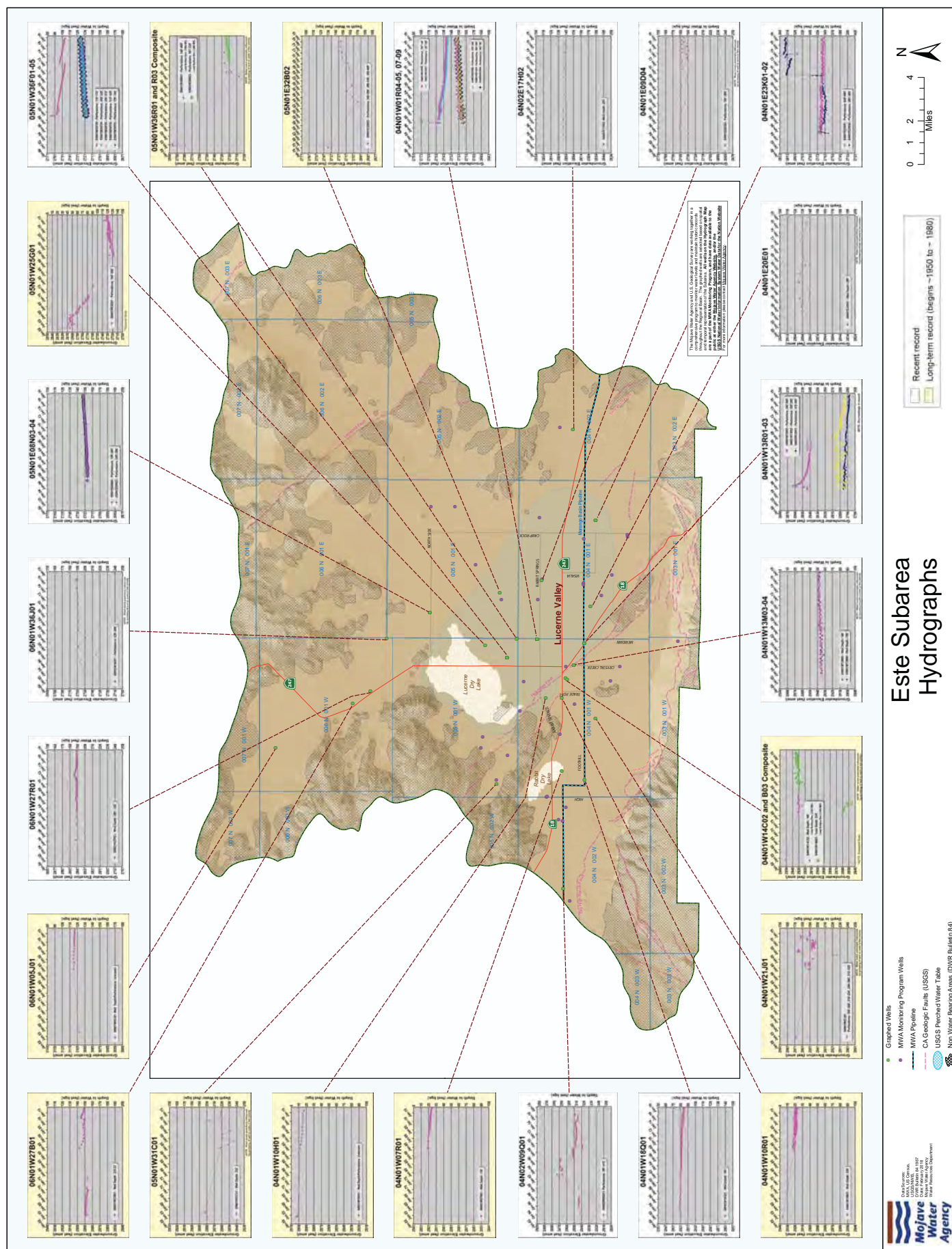
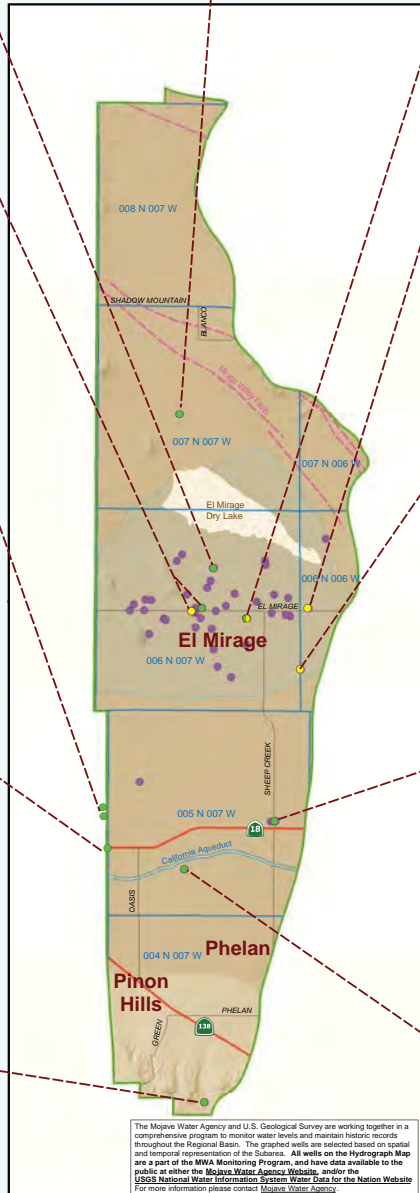
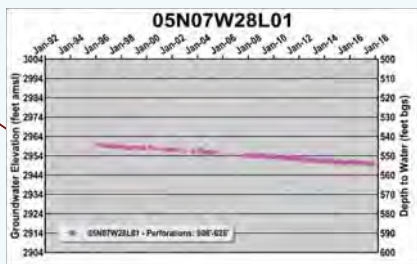
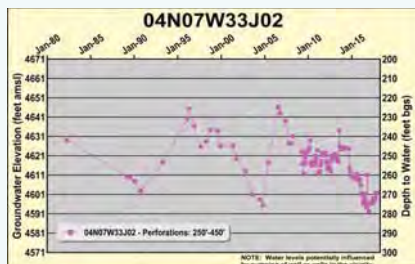
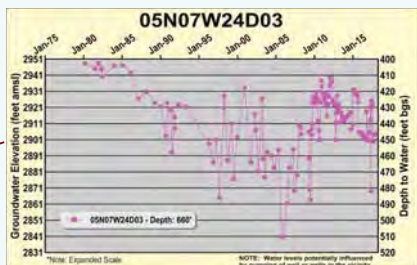
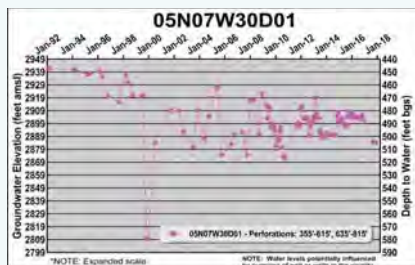
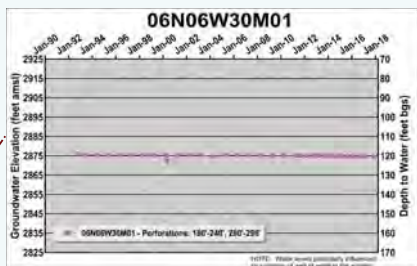
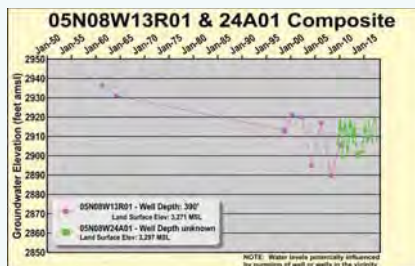
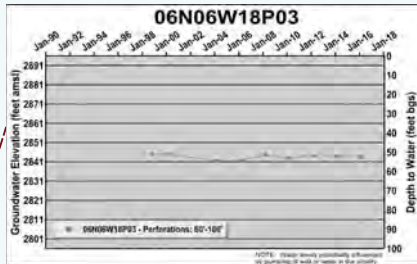
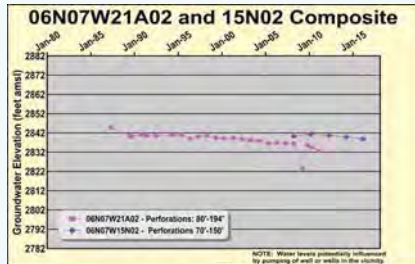
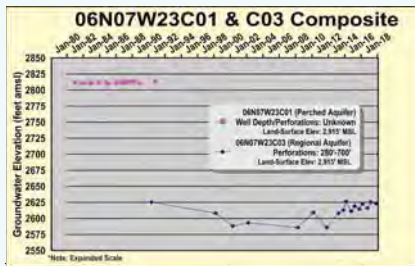
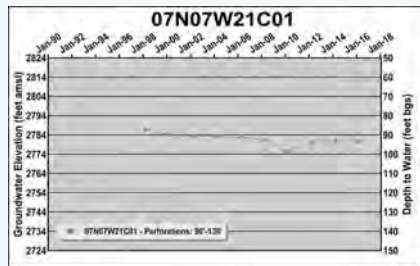
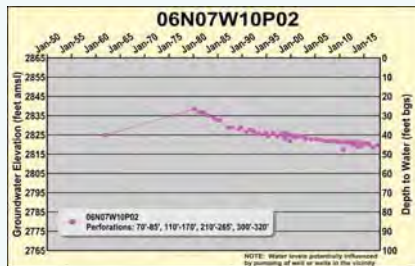


FIGURE 3-16



- Graphed Wells
 - Graphed Wells (Perched Layer)
 - MWA Monitoring Program Wells
 - USGS Perched Water Table
 - CA Geologic Faults (USGS)
- Data Sources:
MWA, US Census,
USGS-NWIS,
Date: January 2018
Mojave Water Agency
Water Resources Department

Ooste Subarea Hydrographs

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



FIGURE 3-17

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 six 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 3-18 through 3-22 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 3-18), 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 56,000 acre-feet, representing a year of pumping under the land and water use conditions existing since 1996.

In Centro (Figure 3-19) 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 2017.

Conditions in Baja (Figure 3-20) have yet to stabilize since 1996. As such, optimal operating parameters have not been established. Figure 3-20, (for Baja), shows the continued overdraft and continued depletion of groundwater in storage.

The optimal operating parameters for Este (Figure 3-21) 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 17 years. As shown on Table 3-2, water supply for Este for 2016-2017 is approximately 4,300 acre-feet, assuming annual average change in storage is approximately zero.

Elements of water production, water supply, and outflow in Oeste (Figure 3-22) are roughly in balance over the past 16 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.” Optimal operating parameters for Oeste have not been established.

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 3-18 and 3-19 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 3.4 years of consumptive use in Alto (189,342 acre-feet), and 3 years in Centro (55,058 acre-feet), to an increase of 4 years in Alto (226,489 acre-feet), and 7.5 years in Centro (137,389 acre-feet). The operating ranges, about 282,000 acre-feet in Alto and about 92,000 acre-feet in Centro, are well within the limits identified for dry year reliability envisioned by the 2015 UWMP. Since 1996, Baja has lost about 408,700 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 2016-17 is shown on Table 3-2.

TABLE 3-2

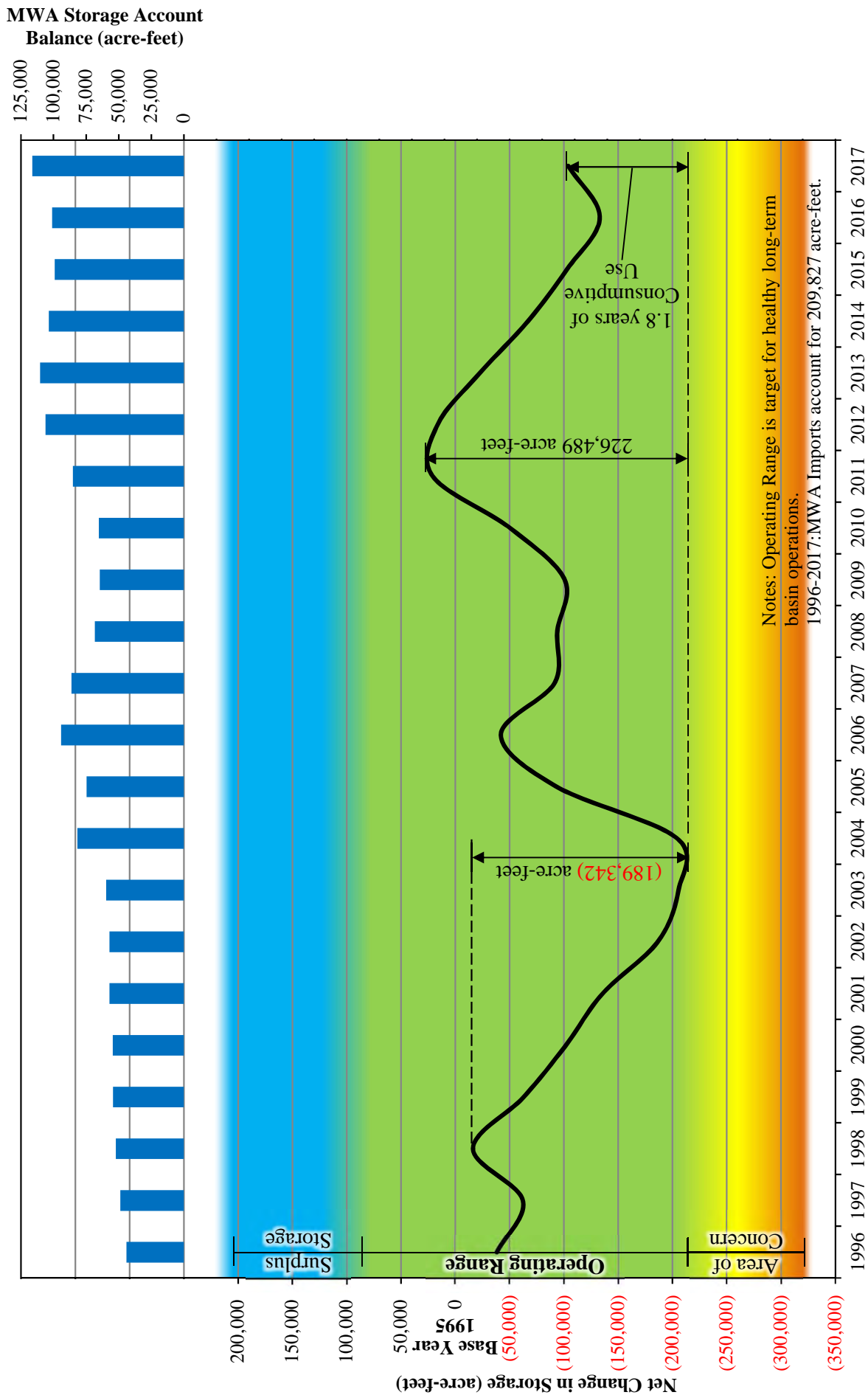
**ANNUAL CHANGE IN STORAGE BY SUBAREA
WATER YEAR 2016-17
(AMOUNTS IN ACRE-FEET)**

| | <u>Este¹</u> | <u>Oeste²</u> | <u>Alto</u> | <u>Centro</u> | <u>Baja</u> | <u>Total</u> |
|--|--------------------------------|---------------------------------|--------------------|----------------------|--------------------|---------------------|
| Total Water Supply | 4,282 | 3,190 | 82,011 | 14,470 | 2,957 | 106,910 |
| Total Outflow and Consumptive Use | 4,282 | 3,190 | 52,903 | 19,416 | 27,285 | 107,076 |
| Net Change in Storage | 0 | 0 | 29,108 | (4,946) | (24,328) | (166) |

Notes

- 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 2017

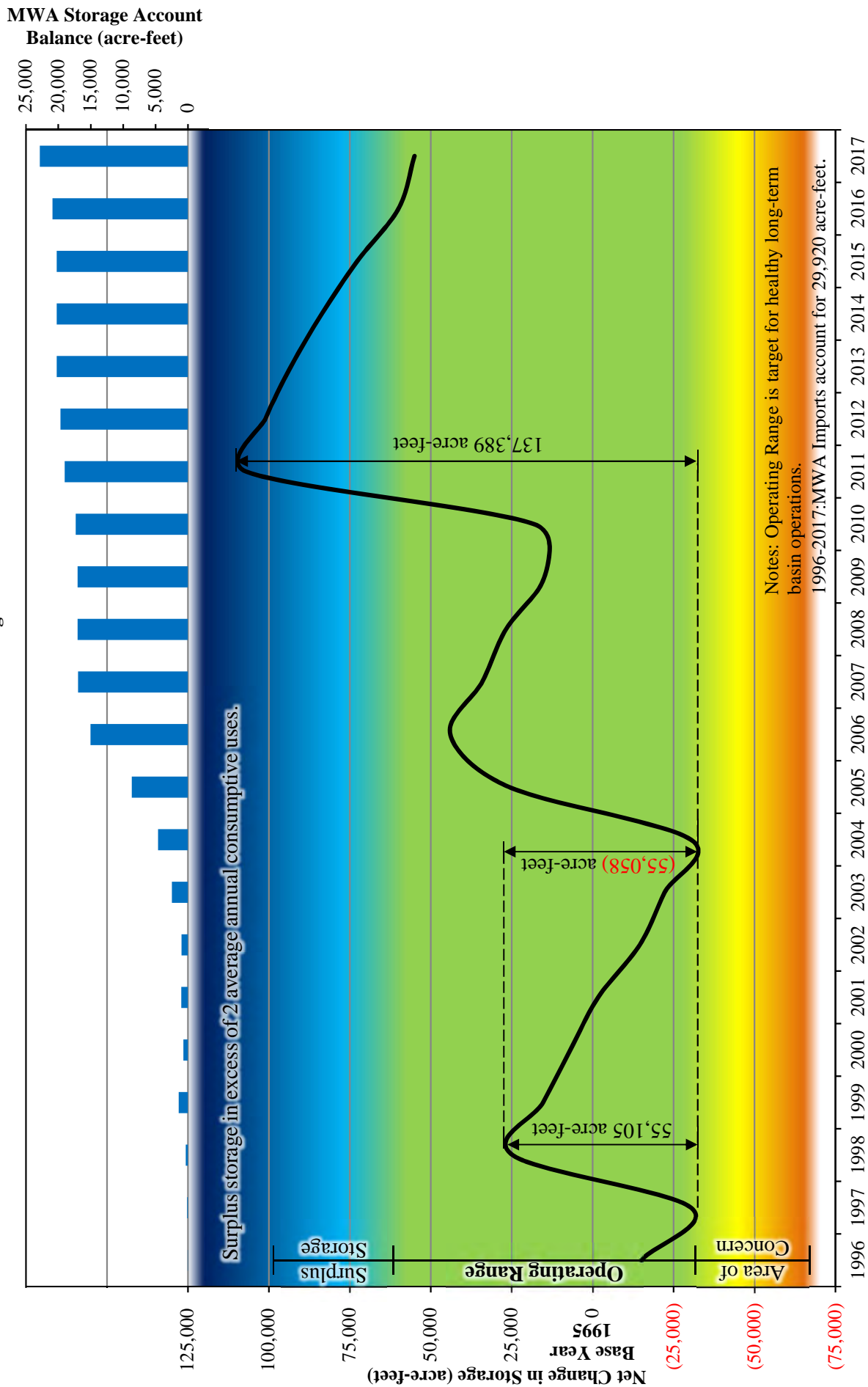


Operating range based on lowest amount in storage of -205,635af, during which the basin was considered to be healthy, plus a supply of 5 average annual consumptive uses, with an average annual consumptive use equating to 56,361 af from 1996 through present. Surplus Storage and Area of Concern each represent 2 average annual consumptive uses.

Source: Consumptive Use for 1996-2011 per Robert C. Wagner, Watermaster Engineer. Consumptive Use for 2012-2017 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2018.

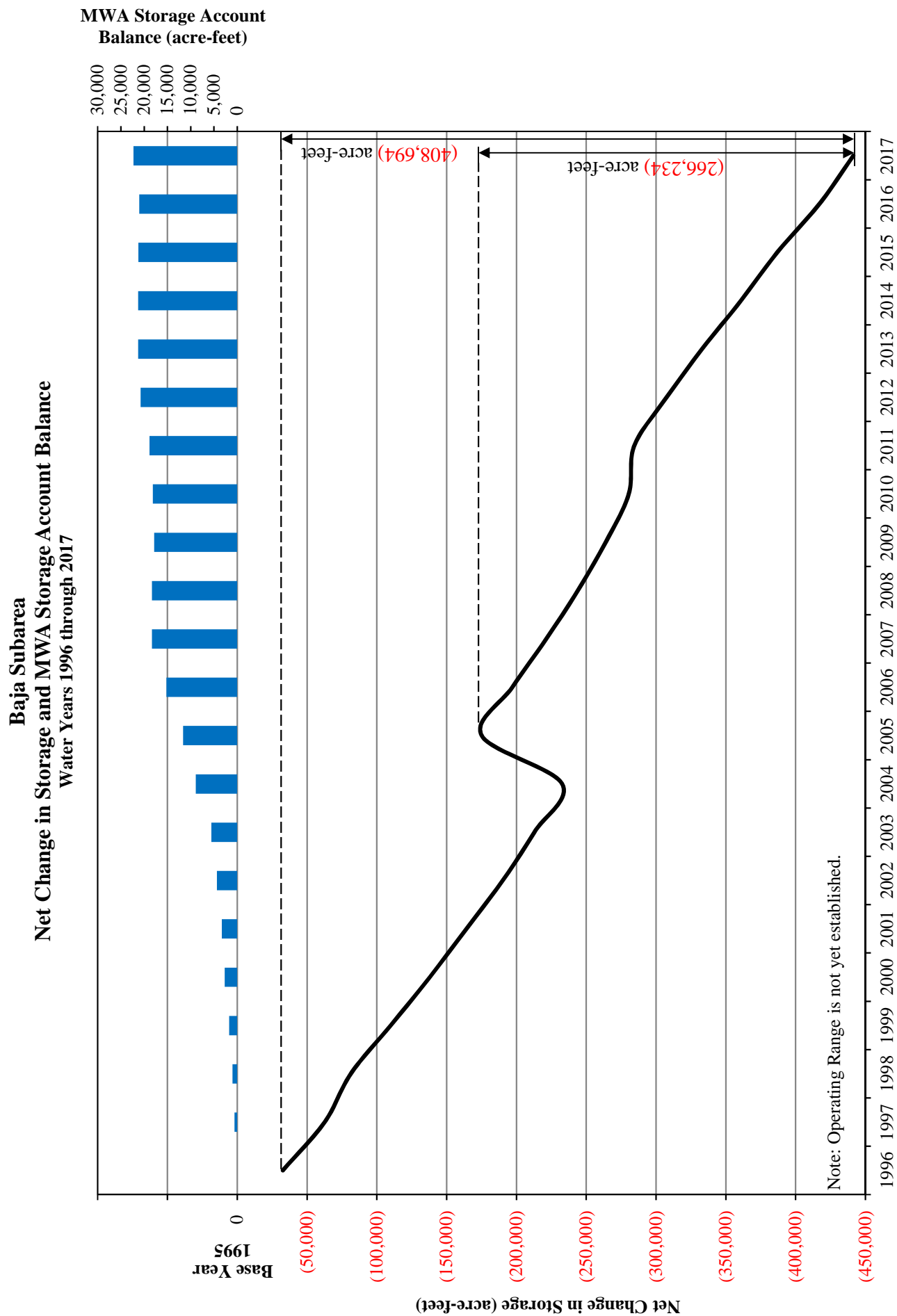
FIGURE 3-18

Centro Subarea Net Change in Storage and MWA Storage Account Balance Water Years 1996 through 2017



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 18,430 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 2012-2017 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2018.

FIGURE 3-19



Source: Consumptive Use for 1996-2011 per Robert C. Wagner, Watermaster Engineer. Consumptive Use for 2012-2017 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2018.

FIGURE 3-20

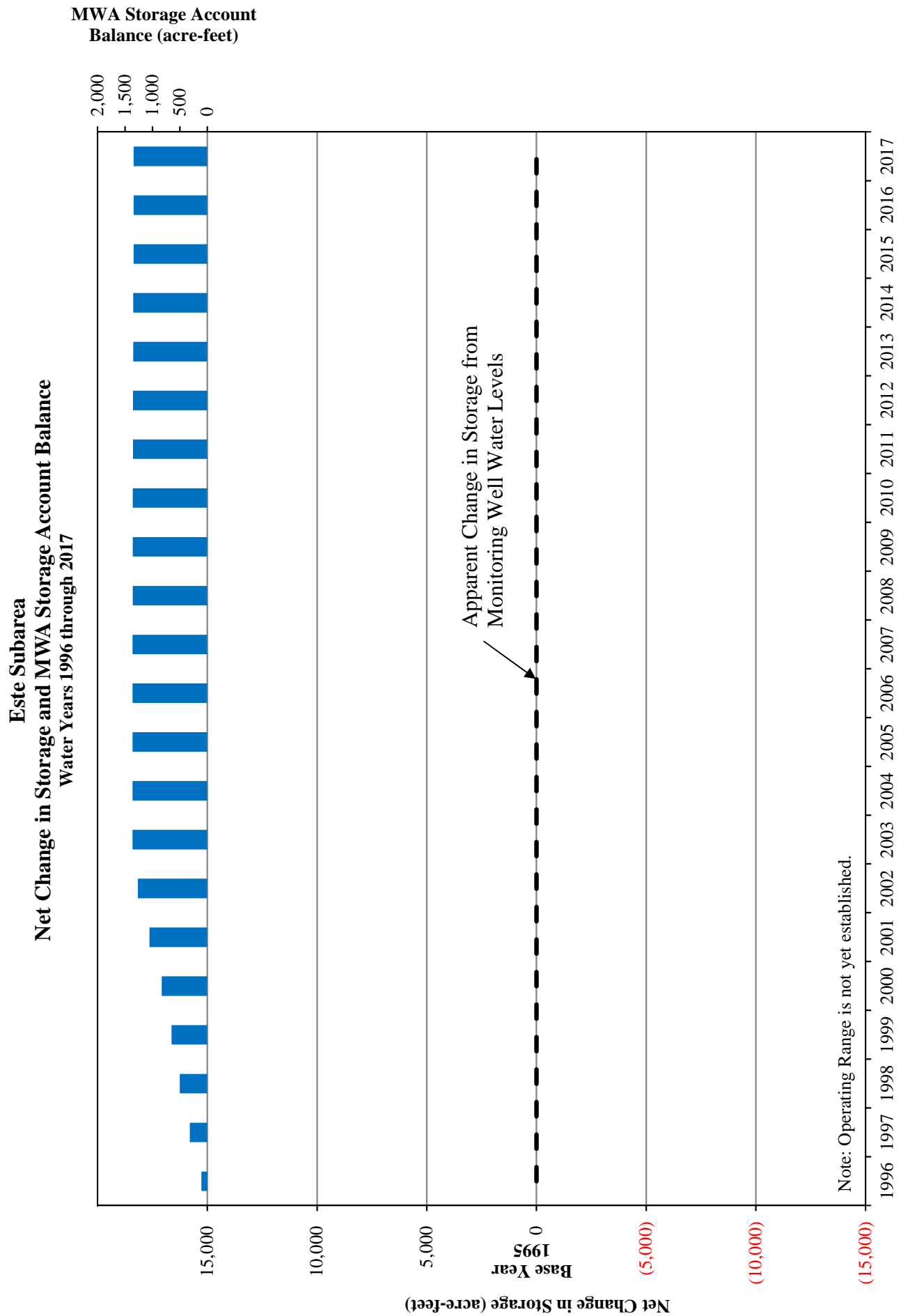


FIGURE 3-21

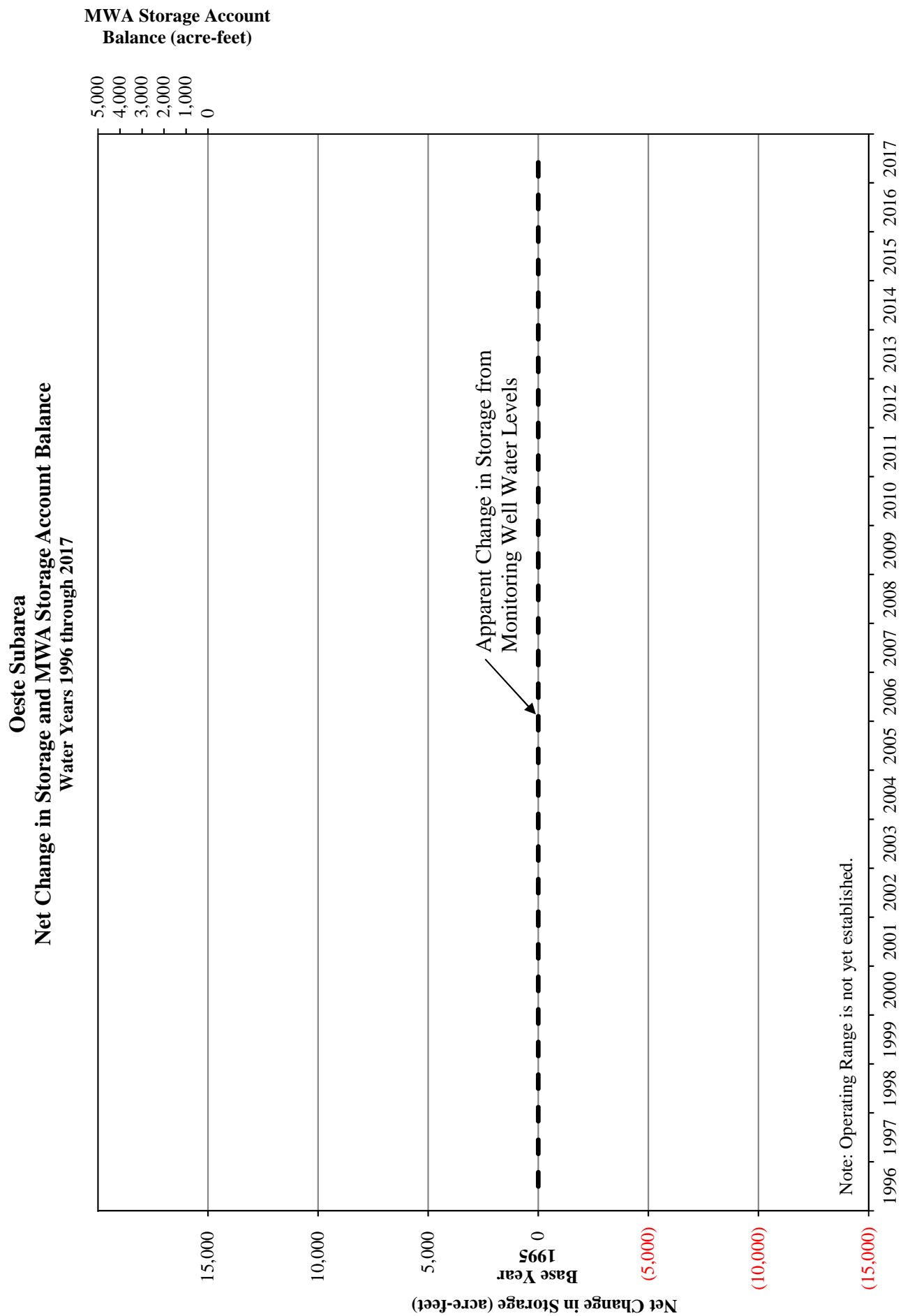


FIGURE 3-22

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, 2018.

Replacement Water

Each Producer's Replacement Water Obligation in each Subarea was calculated by subtracting that Producer's 2016-17 share of FPA (plus any transferred or carryover FPA) from that Producer's verified production in 2016-17. Each Producer's Replacement Water Assessment was calculated by multiplying that Producer's Replacement Water Obligation by the 2016-17 Replacement Water Assessment Rate of \$556.00 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 2016-17 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 2018. Unused FPA during 2016-17 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 2016-17 in each Subarea.

TABLE 4-1

**SUMMARY OF REPLACEMENT WATER OBLIGATIONS
AND
REPLACEMENT WATER ASSESSMENTS FOR
WATER YEAR 2016-17**

| <u>Subarea</u> | <u>Replacement Water Obligations</u> (acre-feet) | <u>Replacement Water Assessments</u> | <u>Unused FPA</u> (acre-feet) |
|-----------------------|--|---|---|
| Este | 332 | \$184,562.00 | 15,109 |
| Oeste | 0 | \$0.00 | 4,156 |
| Alto | 13,892 | \$7,723,952.00 | 22,131 |
| Centro | 105 | \$58,380.00 | 36,885 |
| Baja | 1,235 | \$686,660.00 | 23,808 |
| Total | 15,564 | \$8,653,584.00 | 102,099 |

Makeup Water

The Base Flow determination of 4,031 acre-feet prepared by the Watermaster Engineer was presented to the Watermaster at the regularly scheduled meeting January 24, 2018. Table 4-2 summarizes the flows credited to each Subarea obligation during Water Year 2016-17, the status of each Subarea at the end of the year and each minimum obligation for Water Year 2016-17. The Makeup Obligation from the Alto Subarea to the Centro Subarea for Water Year 2016-17 is 2,505 acre-feet. Table 4-3 shows the year over year Makeup Obligation from Alto to Centro beginning in Water Year 2007-08.

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 2016-17

| 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 2016-17 | | | | | |
| Cumulative Obligation | 4,600 | 18,400 | 529,000 | 27,600 | 9,200 |
| Cumulative Flow | 4,600 | 18,400 | 511,465 | 27,600 | 6,544 |
| Net cumulative Credit (Debit) | 0 | 0 | (17,535) | 0 | (2,656) |
| Flow During 2016-17 | | | | | |
| Base Flow | --- | --- | 4,031 | --- | --- |
| Subsurface Flow | 200 | 800 | 2,000 | 1,200 | 249 |
| Other Water | 0 | 0 | 13,262 | 0 | 0 |
| Makeup Water Purchased | <u>0</u> | <u>0</u> | <u>2,447</u> | <u>0</u> | <u>0</u> |
| Total Flow | 200 | 800 | 21,740 | 1,200 | 249 |
| Minimum Obligations for 2016-17 | 160 | 640 | 24,245 | 960 | 2,576 |
| Makeup Obligation Incurred | 0 | 0 | 2,505 | 0 | 2,327 |
| Status at End of 2016-17 | | | | | |
| Cumulative Obligation | 4,800 | 19,200 | 552,000 | 28,800 | 9,600 |
| Cumulative Flow | <u>4,800</u> | <u>19,200</u> | <u>533,205</u> | <u>28,800</u> | <u>6,793</u> |
| Net Cumulative Credit (Debit) | 0 | 0 | (18,795) | 0 | (2,807) |
| Minimum Obligation for 2017-18 | | | | | |
| Annual Minimum | 160 | 640 | 18,400 | 960 | 320 |
| + 1/3 of Cumulative Debit | 0 | 0 | 6,265 | 0 | 936 |
| + Additional to reduce Cumulative Debit to Annual Obligation | 0 | 0 | 0 | 0 | 1,471 |
| Alternative Minimum for Alto ¹ | --- | --- | --- | --- | --- |
| Minimum Obligation for 2017-18 | 160 | 640 | 24,665 | 960 | 2,727 ² |

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

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

TABLE 4-3

**STATUS OF ALTO SUBAREA OBLIGATIONS
WATER YEARS 2007-08 THROUGH 2016-17**

| Water Year | <u>2007-08</u> | <u>2008-09</u> | <u>2009-10</u> | <u>2010-11</u> | <u>2011-12</u> | <u>2012-13</u> | <u>2013-14</u> | <u>2014-15</u> | <u>2015-16</u> | <u>2016-17</u> |
|---|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Average Annual Obligation in acre-feet | 23,000 | 23,000 | 23,000 | 23,000 | 23,000 | 23,000 | 23,000 | 23,000 | 23,000 | 23,000 |
| Status at Beginning of Water Year | | | | | | | | | | |
| Cumulative Obligation | 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) |
| Flow During Water Year | | | | | | | | | | |
| Base Flow | 4,421 | 4,093 | 5,849 | 10,149 | 8,829 | 7,325 | 6,227 | 5,418 | 4,851 | 4,031 |
| Subsurface Flow | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 | 2,000 |
| Other Water | 13,385 | 13,609 | 14,525 | 14,825 | 14,674 | 14,310 | 12,898 | 12,926 | 12,940 | 13,262 |
| Makeup Water Purchased | <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> | <u>2,447</u> |
| Total Flow | 22,665 | 22,908 | 25,448 | 27,539 | 25,503 | 23,635 | 21,125 | 21,857 | 21,197 | 21,740 |
| Minimum Obligations | 25,871 | 25,982 | 26,013 | 25,197 | 23,684 | 22,850 | 22,638 | 23,263 | 23,644 | 24,245 |
| Makeup Obligation Incurred | 3,206 | 3,074 | 565 | 0 | 0 | 0 | 1,513 | 1,406 | 2,447 | 2,505 |
| Status at End of Water Year | | | | | | | | | | |
| Cumulative Obligation | 345,000 | 368,000 | 391,000 | 414,000 | 437,000 | 460,000 | 483,000 | 506,000 | 529,000 | 552,000 |
| Cumulative Flow | <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> | <u>533,205</u> |
| Net Cumulative Credit (Debit) | (22,747) | (22,839) | (20,391) | (15,852) | (13,349) | (12,714) | (14,589) | (15,732) | (17,535) | (18,795) |
| 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 | 7,582 | 7,613 | 6,797 | 5,284 | 4,450 | 4,238 | 4,863 | 5,244 | 5,845 | 6,265 |
| + Additional to reduce Cumulative Debit to Annual Obligation | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alternative Minimum ¹ | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Minimum Obligation for Next Year | 25,982 | 26,013 | 25,197 | 23,684 | 22,850 | 22,638 | 23,263 | 23,644 | 24,245 | 24,665 |

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

CHAPTER 5

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19

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 2016-17 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 2016-17.

| <u>Subarea</u> | <u>Base Annual Production</u> | <u>2017-18 FPA</u> | <u>Production Safe Yield</u> | <u>Percent Difference¹</u> | <u>2016-17 Verified Production</u> |
|-----------------------|--|-------------------------------|---|--|---|
| Alto | 116,412 | 72,810 | 69,862 | 2.5% | 70,281 |
| Baja | 66,157 | 27,860 | 20,679 | 10.9% | 23,691 |
| Centro | 51,030 | 41,155 | 33,375 | 15.2% | 17,905 |
| Este | 20,205 | 16,376 | 7,156 | 45.6% | 4,233 |
| Oeste | 7,095 | 5,726 | 4,052 | 23.6% | 3,194 |

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

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

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

The following summarizes the status of each Subarea and provides the recommendation for setting FPA for Water Year 2018-19.

| <u>Subarea</u> | <u>2018-19 FPA Recommendation</u> |
|---|--|
| Alto - Agriculture | 80% of BAP |
| Alto - Municipal & Industrial | 60% of BAP |
| Baja | 35% of BAP |
| Centro | 80% of BAP |
| Este ² | 80% of BAP |
| Oeste - Agriculture | 80% of BAP |
| Oeste - Municipal & Industrial ³ | 60% of BAP |

1. FPA to be set at 80% of Base Annual Production for the 2018-19 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 2018-19 with the reduction held in abeyance (at 80%). 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 4-5 years due to drought conditions and limited available recharge either natural or imported, though many monitoring wells show signs of recovery in the latter part of water year 2017, particularly in the west portion of the subarea. The Transition Zone water levels continue to show stability. It is expected that as water supply conditions improve water levels should again stabilize or begin to rise to the higher levels seen in the recent past. 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, and additional Rampdown may be needed. It should be noted that Rampdown should be considered proactive to allow time to acquire and recharge supplemental water if needed.

Baja – 35% 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 continued to decline in 2016-17. Long-term water levels indicate Baja remains in overdraft and the current conditions are unsustainable. The current data and conditions in Baja require an additional 5% Rampdown.

Centro – 80% of BAP

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

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 continue to trend slightly upward in Lucerne Valley, and slightly downward in Fifteen Mile Valley. Water production in Este last year (4,233 acre-feet) was about 25.7% 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, MWA Water Resources, and the USGS are currently working cooperatively to complete a numerical groundwater model for the Lucerne Valley area, which can be used to estimate water supply and outflow to and from the Este Subarea. We expect to have preliminary results in the summer of 2018.

Oeste – 80% of BAP for Agriculture

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

A detailed review of water levels in Oeste over the past several years indicates short-term stability in some areas. Water production in Oeste has declined since 1994 from about 7,000 acre-feet to about 3,730 acre-feet (including PPHCSD well 14). The declining water production and

short-term water level stability indicates a current state of equilibrium. During the last 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), which is expected to increase water production to about 7,500 acre-feet in 2060. Assuming the recent trend in water levels represents equilibrium between water production and average supply in the short-term, the equilibrium is unstable; water levels will fall as demands increase, or if below average water supply conditions persist over sequential years.

It is recommended that FPA be set at 80% of BAP for Agricultural Producers and at 60% of BAP for Municipal and Industrial (M&I) Producers. Implementation of the reduction to 60% for M&I producers will be held in abeyance for at least another year, but we advise that Rampdown is likely to be implemented as early as next year.

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

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

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

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

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

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

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

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

⁶ Estimated by Bookman-Edmonston.

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

TABLE 5-1

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

(ALL AMOUNTS IN ACRE-FEET)

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

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

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

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

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

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

⁶ Includes consumptive use of "Minimals Pool".

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

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

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

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

TABLE 5-2
SUBAREA HYDROLOGICAL INVENTORY BASED ON
LONG TERM AVERAGE NATURAL WATER SUPPLY AND OUTFLOW
AND 2016-17 IMPORTS AND CONSUMPTIVE USE
(ALL AMOUNTS IN ACRE-FEET)

| WATER SUPPLY | <u>Este</u> | <u>Oeste</u> | <u>Alto</u> | <u>Centro</u> | <u>Baja</u> | <u>Basin Totals</u> |
|---|--------------------|---------------------|---------------------|----------------------|---------------------|----------------------------|
| Surface Water Inflow | | | | | | |
| Gaged | 0 | 0 | 65,500 | 0 | 0 | 65,500 |
| Ungaged | 1,700 | 1,500 | 3,600 | 34,700 ¹ | 17,153 ² | 7,547 ³ |
| Other Ungaged | 0 | 0 | 0 | 0 | 205 ⁴ | 205 |
| Subsurface Inflow | 0 | 0 | 1,000 | 2,000 | 1,581 ⁵ | 0 ⁶ |
| Deep Percolation of Precipitation | 0 | 0 | 3,500 | 0 | 100 | 3,600 |
| Imports | | | | | | |
| Replacement Water Deliveries | 0 | 0 | 8 | 13 | 14 | 35 |
| Water Storage Accounts ⁷ | 0 | 0 | 295 | 0 | 0 | 295 |
| Lake Arrowhead CSD | 0 | 0 | 1,062 | 0 | 0 | 1,062 |
| Big Bear Area RWA | 2,711 | 0 | 0 | 0 | 0 | 2,711 |
| TOTAL | 4,411 | 1,500 | 74,965 | 36,713 | 19,053 | 80,955 |
| CONSUMPTIVE USE AND OUTFLOW | | | | | | |
| Surface Water Outflow | | | | | | |
| Gaged | 0 | 0 | 0 | 0 | 5,611 ⁸ | 5,611 |
| Ungaged | 0 | 0 | 34,700 ¹ | 16,406 ⁹ | 0 | 0 |
| Subsurface Outflow | 200 | 800 | 2,000 | 1,581 | 0 | 0 |
| Consumptive use | | | | | | |
| Agriculture | 3,000 | 700 | 500 | 5,400 | 12,100 | 21,700 |
| Urban ¹⁰ | 1,600 | 1,100 | 38,800 | 5,900 | 4,800 | 52,200 |
| Phreatophytes | 0 | 0 | 11,000 | 3,000 | 2,000 | 16,000 ¹¹ |
| Exports | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL | 4,800 | 2,600 | 87,000 | 32,287 | 24,511 | 95,511 |
| Surplus / (Deficit) | (389) | (1,100) | (12,035) | 4,426 | (5,458) | (14,556) |
| Total Estimated Production (Current Year) ¹² | 5,187 | 3,432 | 73,548 | 19,458 | 25,919 | 127,544 |
| PRODUCTION SAFE YIELD (Current Year) ¹³ | 4,798 | 2,332 | 61,513 | 23,884 | 20,461 | 112,988 |

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 2016-17 Water Year. Included in the production values are the estimated minimal producer's water use by Subarea. Total Basin Agriculture is 33,025 af and Total Basin Urban is 94,379 af (includes sequential uses by Jess Ranch of 1,163 af).

13 For 2016-17 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>2016</u> | <u>2017</u> |
|---------------------------------|-----------------------|----------------------|
| Operating Revenue | \$ 551,855.00 | \$ 556,395.00 |
| Operating Expenses | 597,655.00 | 463,091.00 |
| Non-operating Revenue (Expense) | | |
| Investment Earnings | 30,340.00 | 49,529.00 |
| Miscellaneous | 0.00 | 0.00 |
| Change in Net Assets | \$ (15,460.00) | \$ 142,833.00 |

The Auditor's Report for Fiscal Year 2016-17 ending June 30, 2017 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, 2017 was \$641,223.00.

Administrative Budget for 2018-19

The Administrative Budget for 2018-19 is \$499,800 and is shown on Table 6-1.

Summary of Makeup Water Purchases

The Watermaster purchased 11 acre-feet of Makeup water during the 2016-17 Water Year for the Centro Subarea.

Summary of Replacement Water Purchases

Replacement water purchases by Watermaster during 2016-17 are as follows:

| | | |
|-------------------|------------|------------------|
| Alto ¹ | 366 | acre-feet |
| Baja | 14 | acre-feet |
| Centro | 13 | acre-feet |
| Este | 0 | acre-feet |
| Oeste | 0 | acre-feet |
| Total | 393 | acre-feet |

¹ 295 acre-feet of Alto Replacement water was pre-purchased under the MWA Claim Program. 63 acre-feet was pre-stored under a storage agreement.

Administrative and Biological Assessment Rates for 2018-19

The Administrative and Biological Assessment Rates for 2018-19 adopted by the Watermaster on March 28, 2018 are as follows:

| | |
|----------------------|-------------------------------------|
| Administrative | \$ 3.55 per acre-foot of Production |
| Biological Resources | \$ 0.94 per acre-foot of Production |

Projected Replacement and Makeup Water Assessment Rates for 2017-18 and 2018-19

The Replacement and Makeup Water Assessment Rates projected by the Watermaster on March 28, 2018 are as follows:

Replacement and Makeup Water Rate

| | |
|---------|---|
| 2017-18 | <i>Not to Exceed</i> \$614.00 per acre-foot ¹ (Invoice Date 6-1-2019) |
| 2018-19 | \$639.00 per acre-foot (projected) ² (Invoice Date 6-1-2020) |

¹ This rate is 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.

² This is a projected rate for obligations incurred in the 2018-19 Water Year which will be billed in June 2020. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency in February 2020.

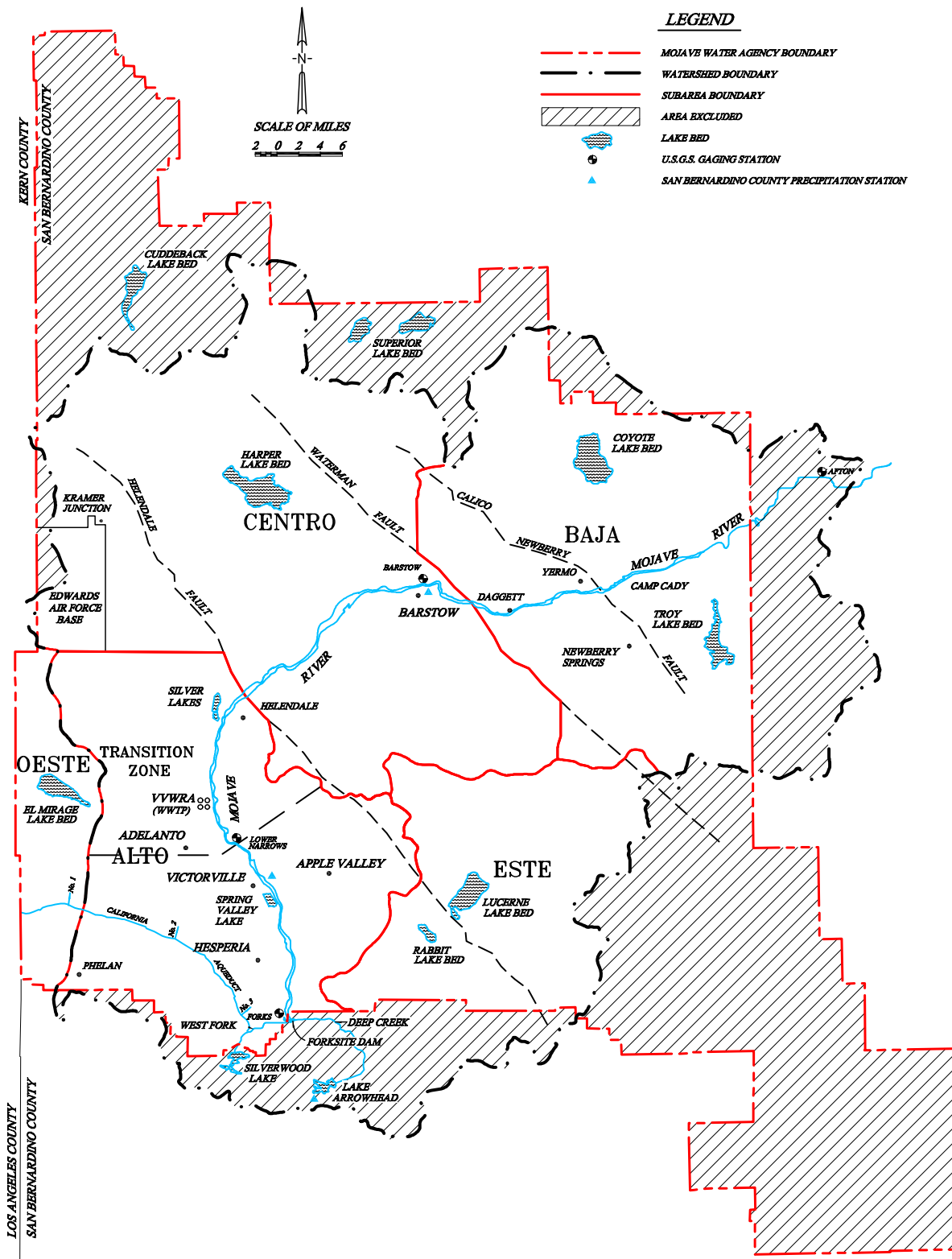
TABLE 6-1

**MOJAVE BASIN AREA WATERMASTER
ADMINISTRATIVE BUDGET
FOR WATER YEAR 2018-19**

| | | |
|-------------------------------|-------------------------|-----------------------------|
| 1. | Administrative Services | \$ 341,300.00 |
| 2. | Engineering Services | \$ 93,500.00 |
| 3. | Legal Services | \$ 60,000.00 |
| 4. | Audit Services | \$ 5,000.00 |
| Total Estimated Budget | | <u>\$ 499,800.00</u> |

APPENDIX A

MAP OF THE MOJAVE BASIN AREA



APPENDIX B

PRODUCER REPLACEMENT WATER AND MAKEUP WATER OBLIGATIONS

AND ASSESSMENTS DUE FOR 2016-17

APPENDIX B

MARCH 28, 2018

**PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)**

ESTE SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | | | | | | |
|----------|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|---|----------------------------|---|---|-------------------------------|-------------------------------------|------------------------|-------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$556.00/AF | MAKEUP WATER N/A | TOTAL | |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|-------|-------|-------|------|------|-------|-----|-------|----|-----|------|-----------|------|-----------|
| ABDUL, HARRY AND ANITA | 194 | 156 | 156 | 0 | 0 | 312 | 7 | 156 | 0 | 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| ABSHIRE, DAVID V. | 24 | 20 | 20 | 0 | 0 | 40 | 0 | 20 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| AHN REVOCABLE LIVING TRUST | 0 | 0 | 0 | 0 | 0 | 0 | 58 | 0 | 58 | 0 | 0.00 | 32,248.00 | 0.00 | 32,248.00 |
| AHN REVOCABLE TRUST | 28 | 23 | 21 | 0 | 0 | 44 | 17 | 23 | 0 | 17 | 0.00 | 0.00 | 0.00 | 0.00 |
| AHN, CHUN SOO AND DAVID | 400 | 320 | 320 | (57) | 0 | 583 | 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 | 459 | 0 | (30) | 888 | 56 | 429 | 0 | 56 | 0.00 | 0.00 | 0.00 | 0.00 |
| BAR H MUTUAL WATER COMPANY | 53 | 43 | 43 | 0 | 0 | 86 | 26 | 43 | 0 | 26 | 0.00 | 0.00 | 0.00 | 0.00 |
| BELL, CHUCK | 494 | 396 | 396 | 0 | 0 | 792 | 299 | 396 | 0 | 299 | 0.00 | 0.00 | 0.00 | 0.00 |
| BRACHT, WILLIAM F. AND ALEXANDER, ALICIA M. | 50 | 40 | 40 | 0 | 0 | 80 | 46 | 34 | 0 | 46 | 0.00 | 0.00 | 0.00 | 0.00 |
| CASA COLINA FOUNDATION | 90 | 72 | 51 | 0 | 0 | 123 | 52 | 71 | 0 | 52 | 0.00 | 0.00 | 0.00 | 0.00 |
| CENTER WATER COMPANY | 40 | 32 | 32 | 0 | 0 | 64 | 23 | 32 | 0 | 23 | 0.00 | 0.00 | 0.00 | 0.00 |
| CHUNG, ET AL. | 0 | 0 | 0 | 0 | 30 | 30 | 23 | 7 | 0 | 23 | 0.00 | 0.00 | 0.00 | 0.00 |
| CLUB VIEW PARTNERS | 1,276 | 1,021 | 1,021 | (26) | 0 | 2,016 | 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 | 56 | 45 | 45 | 0 | 0 | 90 | 1 | 45 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| DAHLQUIST, GEORGE R. | 594 | 476 | 476 | 0 | 0 | 952 | 0 | 476 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| DESERT DAWN MUTUAL WATER COMPANY | 15 | 12 | 0 | 0 | 0 | 12 | 24 | 0 | 12 | 12 | 0.00 | 6,672.00 | 0.00 | 6,672.00 |
| DESERT SPRINGS MUTUAL WATER COMPANY | 78 | 63 | 63 | 0 | 0 | 126 | 47 | 63 | 0 | 47 | 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 | 1,200 | 0 | 0 | 2,400 | 485 | 1,200 | 0 | 485 | 0.00 | 0.00 | 0.00 | 0.00 |
| GAETA, TRINIDAD | 512 | 410 | 410 | 0 | 0 | 820 | 91 | 410 | 0 | 91 | 0.00 | 0.00 | 0.00 | 0.00 |
| GARDENA MISSION CHURCH, INC. | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 117 | 143 | 0 | 117 | 0.00 | 0.00 | 0.00 | 0.00 |
| GORDON ACRES WATER COMPANY | 54 | 44 | 44 | 0 | 0 | 88 | 15 | 44 | 0 | 15 | 0.00 | 0.00 | 0.00 | 0.00 |
| GUBLER, HANS | 30 | 24 | 24 | 0 | 0 | 48 | 10 | 24 | 0 | 10 | 0.00 | 0.00 | 0.00 | 0.00 |
| HAL-DOR LTD. | 23 | 19 | 19 | 0 | 0 | 38 | 16 | 19 | 0 | 16 | 0.00 | 0.00 | 0.00 | 0.00 |
| HARVEY, LISA M. | 300 | 240 | 240 | 0 | 0 | 480 | 1 | 240 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| HERT, SCOTT | 276 | 221 | 221 | 0 | 0 | 442 | 178 | 221 | 0 | 178 | 0.00 | 0.00 | 0.00 | 0.00 |
| HI-GRADE MATERIALS COMPANY | 442 | 354 | 354 | 0 | 0 | 708 | 144 | 354 | 0 | 144 | 0.00 | 0.00 | 0.00 | 0.00 |
| HITCHIN LUCERNE, INC. | 16 | 13 | 13 | 0 | 0 | 26 | 10 | 13 | 0 | 10 | 0.00 | 0.00 | 0.00 | 0.00 |
| JUBILEE MUTUAL WATER COMPANY | 142 | 114 | 36 | (10) | 0 | 140 | 109 | 31 | 0 | 109 | 0.00 | 0.00 | 0.00 | 0.00 |
| JUNIPER RIVIERA COUNTY WATER DISTRICT | 37 | 30 | 0 | 6 | 0 | 36 | 66 | 0 | 30 | 36 | 0.00 | 16,680.00 | 0.00 | 16,680.00 |
| KIM, JU SANG | 30 | 24 | 24 | 0 | 0 | 48 | 1 | 24 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |

APPENDIX B

MARCH 28, 2018

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ESTE SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | | | | | | |
|----------|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|---|----------------------------|---|---|-------------------------------|-------------------------------------|------------------------|-------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | PRODUCTION SUBJECT TO MAKEUP ⁹ OBLIGATION | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$556.00/AF | MAKEUP WATER N/A | TOTAL | |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|--------|--------|--------|-------|---|--------|-------|--------|-----|-------|------|------------|------|------------|
| LEE, ANNA K. AND ESHBAN K. (FORMERLY: SEALS TIBBETT, ET AL.) | 33 | 27 | 0 | 0 | 0 | 27 | 0 | 27 | 0 | 0 | 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 | 27 | 44 | 0 | 27 | 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 | 13 | 0 | 0 | 30 | 14 | 16 | 0 | 14 | 0.00 | 0.00 | 0.00 | 0.00 |
| M.B. LANDSCAPING AND NURSERY, INC. | 1,773 | 1,419 | 1,351 | (71) | 0 | 2,699 | 1,253 | 1,419 | 0 | 1,253 | 0.00 | 0.00 | 0.00 | 0.00 |
| MITSUBISHI CEMENT CORPORATION | 1,395 | 1,116 | 1,116 | (77) | 0 | 2,155 | 326 | 1,116 | 0 | 326 | 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 | 32 | 35 | 0 | 32 | 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 | 44 | 0 | 44 | 0 | 0.00 | 24,464.00 | 0.00 | 24,464.00 |
| OMYA CALIFORNIA, INC. | 23 | 19 | 3 | 0 | 0 | 22 | 23 | 0 | 1 | 22 | 0.00 | 556.00 | 0.00 | 556.00 |
| 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 | 88 | 400 | 0 | 88 | 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 | 78 | 0 | 78 | 0 | 0.00 | 43,368.00 | 0.00 | 43,368.00 |
| ROYAL WAY | 200 | 160 | 160 | 0 | 0 | 320 | 50 | 160 | 0 | 50 | 0.00 | 0.00 | 0.00 | 0.00 |
| S AND E 786 ENTERPRISES, LLC | 597 | 478 | 478 | 0 | 0 | 956 | 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 | 51 | 0 | 19 | 32 | 0.00 | 10,564.00 | 0.00 | 10,564.00 |
| SEALS TIBBETT, ET AL. | 0 | 0 | 27 | 0 | 0 | 27 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| SON'S RANCH | 140 | 112 | 112 | 0 | 0 | 224 | 53 | 112 | 0 | 53 | 0.00 | 0.00 | 0.00 | 0.00 |
| SPECIALTY MINERALS, INC. | 42 | 34 | 0 | 0 | 0 | 34 | 53 | 0 | 19 | 34 | 0.00 | 10,564.00 | 0.00 | 10,564.00 |
| SPILLMAN, JAMES R. AND NANCY J. | 23 | 19 | 19 | 0 | 0 | 38 | 5 | 19 | 0 | 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| THE CUSHENBURY TRUST, C/O SPECIALTY MINERALS, INC. | 10 | 8 | 8 | (4) | 0 | 12 | 0 | 8 | 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 | 39,476.00 | 0.00 | 39,476.00 |
| WEST END MUTUAL WATER COMPANY | 30 | 24 | 24 | (6) | 0 | 42 | 11 | 24 | 0 | 11 | 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 | 15,053 | (245) | 0 | 30,230 | 4,233 | 15,109 | 332 | 3,901 | 0.00 | 184,592.00 | 0.00 | 184,592.00 |

APPENDIX B

MARCH 28, 2018

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

OESTE SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | |
|---|-----------------------------------|---|---|------------------------|------------------|--------------------|--|----------------------------|---|---|-------------------------------|---|--------|-------|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL |
| | | | | 2015-16 | 2016-17 | | | | | | | WATER | WATER | |
| | | | | CARRYOVER ³ | FPA ⁴ | | | | | | | | | |
| AEROCHEM, INC. | 660 | 528 | 528 | (528) | (500) | 28 | 11 | 17 | 0 | 11 | 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 | (77) | (37) | 40 | 32 | 8 | 0 | 32 | 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 | 1,249 | 1,000 | 0 | 19 | 537 | 1,556 | 1,308 | 248 | 0 | 1,308 | 0.00 | 0.00 | 0.00 | 0.00 |
| PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 10) | 4,680 | 3,744 | 3,744 | 0 | 0 | 7,488 | 1,834 | 3,744 | 0 | 1,834 | 0.00 | 0.00 | 0.00 | 0.00 |
| THORESON-SLATTERY REVOCABLE LIVING TRUST | 0 | 0 | 32 | (32) | 0 | 0 | 0 | 0 | 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 | 4,520 | (618) | 0 | 9,390 | 3,194 | 4,156 | 0 | 3,194 | 0.00 | 0.00 | 0.00 | 0.00 |

APPENDIX B

MARCH 28, 2018

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ALTO SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | | | | | | |
|--|-----------------------------------|---|---|------------------------|------------------|--------------------|---|----------------------------|---|---|-------------------------------|-------------------------------------|--------------------------------|------------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$556.00/AF | MAKEUP WATER \$556.00/AF | TOTAL | |
| | | | | 2015-16 | 2016-17 | | | | | | | | | | |
| | | | | CARRYOVER ³ | FPA ⁴ | | | | | | | | | | |
| ABBOTT, CARRON | 0 | 0 | 10 | (10) | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| ADELANTO, CITY OF | 4,366 | 2,620 | 0 | 0 | 758 | 3,378 | 3,654 | 0 | 276 | 3,378 | 152.58 | 153,456.00 | 84,834.48 | 238,290.48 | |
| ADES, JOHN AND DEVON | 37 | 30 | 30 | (30) | 0 | 30 | 5 | 25 | 0 | 5 | 0.23 | 0.00 | 127.88 | 127.88 | |
| AGCON, INC. | 384 | 231 | 77 | (77) | 0 | 231 | 174 | 57 | 0 | 174 | 7.86 | 0.00 | 4,370.16 | 4,370.16 | |
| AMERICAN STATES WATER COMPANY | 1,000 | 600 | 596 | (596) | 0 | 600 | 0 | 600 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT | 167 | 101 | 25 | (24) | 0 | 102 | 85 | 17 | 0 | 85 | 3.84 | 0.00 | 2,135.04 | 2,135.04 | |
| APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT | 125 | 75 | 0 | 9 | 0 | 84 | 96 | 0 | 12 | 84 | 3.79 | 6,672.00 | 2,107.24 | 8,779.24 | |
| APPLE VALLEY UNIFIED SCHOOL DISTRICT | 0 | 0 | 0 | 0 | 0 | 0 | 54 | 0 | 54 | 0 | 0.00 | 30,024.00 | 0.00 | 30,024.00 | |
| APPLE VALLEY VIEW MUTUAL WATER COMPANY | 36 | 22 | 0 | 0 | 0 | 22 | 23 | 0 | 1 | 22 | 0.99 | 556.00 | 550.44 | 1,106.44 | |
| APPLE VALLEY, TOWN OF | 1,082 | 650 | 273 | 0 | 0 | 923 | 502 | 421 | 0 | 502 | 22.67 | 0.00 | 12,604.52 | 12,604.52 | |
| 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 | 412 | (410) | 0 | 414 | 2 | 412 | 0 | 2 | 0.09 | 0.00 | 50.04 | 50.04 | |
| BASTIANON REVOCABLE TRUST | 77 | 62 | 61 | (61) | 0 | 62 | 1 | 61 | 0 | 1 | 0.05 | 0.00 | 27.80 | 27.80 | |
| 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 | 614 | (614) | 0 | 640 | 29 | 611 | 0 | 29 | 1.31 | 0.00 | 728.36 | 728.36 | |
| BROWN, BOBBY G. AND VALERIA R. | 42 | 34 | 32 | (30) | 0 | 36 | 1 | 34 | 0 | 1 | 0.05 | 0.00 | 27.80 | 27.80 | |
| BROWN, JENNIFER | 41 | 33 | 28 | (28) | 0 | 33 | 9 | 24 | 0 | 9 | 0.41 | 0.00 | 227.96 | 227.96 | |
| BRUNEAU, KAREN | 10 | 8 | 8 | 0 | 0 | 16 | 2 | 8 | 0 | 2 | 0.09 | 0.00 | 50.04 | 50.04 | |
| 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 | 50.04 | 50.04 | |
| CALMAT COMPANY | 25 | 15 | 11 | (11) | 0 | 15 | 4 | 11 | 0 | 4 | 0.18 | 0.00 | 100.08 | 100.08 | |
| CALPORTLAND COMPANY - AGRICULTURE | 643 | 515 | 419 | (419) | 0 | 515 | 0 | 515 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CALPORTLAND COMPANY - ORO GRANDE PLANT | 2,809 | 1,686 | 1,382 | (1,382) | 0 | 1,686 | 447 | 1,239 | 0 | 447 | 20.19 | 0.00 | 11,225.64 | 11,225.64 | |
| CDFW - MOJAVE NARROWS REGIONAL PARK | 2,107 | 1,265 | 0 | 0 | 0 | 1,265 | 1,649 | 0 | 384 | 1,265 | 57.14 | 213,504.00 | 31,769.84 | 245,273.84 | |
| 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 | 1,173 | 0 | 273 | 900 | 40.65 | 151,788.00 | 22,601.40 | 174,389.40 | |
| CUNNINGHAM, JERRY | 10 | 8 | 12 | (12) | 0 | 8 | 0 | 8 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| DOLCH, ROBERT AND JUDY | 100 | 80 | 76 | (76) | 0 | 80 | 4 | 76 | 0 | 4 | 0.18 | 0.00 | 100.08 | 100.08 | |
| DORA LAND, INC. | 15 | 12 | 12 | (12) | 0 | 12 | 0 | 12 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| EAST DESERT LAND COMPANY, LLC (SEE NOTE 12) | 0 | | | | | | 908 | | | | | | | | |
| EVENSON, EDWIN H. AND JOYCELAINE C. | 70 | 56 | 56 | 0 | 0 | 112 | 1 | 56 | 0 | 1 | 0.05 | 0.00 | 27.80 | 27.80 | |
| 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 | 0.05 | 0.00 | 27.80 | 27.80 | |
| FISHER TRUST, JEROME R. | 633 | 507 | 507 | (507) | 0 | 507 | 0 | 507 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |

APPENDIX B
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)
ALTO SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | | | | | | |
|----------|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|---|----------------------------|---|---|-------------------------------|-------------------------------------|--------------------------------|-------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | PRODUCTION SUBJECT TO MAKEUP ⁹ OBLIGATION | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$556.00/AF | MAKEUP WATER \$556.00/AF | TOTAL | |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|---|--------|-------|-------|---------|---|--------|--------|-------|-------|-------|--------|--------------|------------|--------------|
| 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 | 293 | 0 | 857 | 877 | 0 | 20 | 857 | 38.71 | 11,120.00 | 21,522.76 | 32,642.76 |
| GREEN ACRES ESTATES | 25 | 15 | 15 | 0 | 0 | 30 | 4 | 15 | 0 | 4 | 0.18 | 0.00 | 100.08 | 100.08 |
| 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 | 8 | (8) | 0 | 16 | 6 | 10 | 0 | 6 | 0.27 | 0.00 | 150.12 | 150.12 |
| HAMILTON FAMILY TRUST | 108 | 87 | 75 | (75) | 0 | 87 | 14 | 73 | 0 | 14 | 0.63 | 0.00 | 350.28 | 350.28 |
| HELENDALE COMMUNITY SERVICES DISTRICT | 3,707 | 2,225 | 494 | (494) | 0 | 2,225 | 1,520 | 705 | 0 | 1,520 | 68.65 | 0.00 | 38,169.40 | 38,169.40 |
| HELENDALE SCHOOL DISTRICT | 18 | 11 | 11 | 0 | 0 | 22 | 6 | 11 | 0 | 6 | 0.27 | 0.00 | 150.12 | 150.12 |
| HESPERIA - GOLF COURSE, CITY OF | 678 | 407 | 0 | 0 | 0 | 407 | 480 | 0 | 73 | 407 | 18.38 | 40,588.00 | 10,219.28 | 50,807.28 |
| HESPERIA VENTURE I, LLC | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0.00 | 556.00 | 0.00 | 556.00 |
| HESPERIA WATER DISTRICT | 13,904 | 8,343 | 0 | 634 | 0 | 8,977 | 13,630 | 0 | 4,653 | 8,977 | 405.47 | 2,587,068.00 | 225,441.32 | 2,812,509.32 |
| HESPERIA, CITY OF | 6,736 | 4,042 | 4,042 | (4,042) | 0 | 4,042 | 0 | 4,042 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| HI-GRADE MATERIALS COMPANY | 149 | 90 | 76 | (76) | 0 | 90 | 18 | 72 | 0 | 18 | 0.81 | 0.00 | 450.36 | 450.36 |
| 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 | 45 | 0 | 0 | 45 | 2.03 | 0.00 | 1,128.68 | 1,128.68 |
| JESS RANCH WATER COMPANY | 7,230 | 4,338 | 3,659 | (2,800) | 0 | 5,197 | 1,418 | 3,779 | 0 | 1,418 | 64.05 | 0.00 | 35,611.80 | 35,611.80 |
| JOHNSON, CARLEAN | 23 | 19 | 6 | 0 | 0 | 25 | 19 | 6 | 0 | 19 | 0.86 | 0.00 | 478.16 | 478.16 |
| JOHNSON, RONALD | 31 | 25 | 25 | (25) | 0 | 25 | 0 | 25 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W. | 127 | 102 | 100 | (100) | 0 | 102 | 2 | 100 | 0 | 2 | 0.09 | 0.00 | 50.04 | 50.04 |
| 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 | 58 | (58) | 0 | 379 | 20 | 359 | 0 | 20 | 0.90 | 0.00 | 500.40 | 500.40 |
| 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 |
| LANGLEY, JAMES - INDUSTRIAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| LAWSON, ERNEST AND BARBARA | 15 | 12 | 12 | (11) | 0 | 13 | 1 | 12 | 0 | 1 | 0.05 | 0.00 | 27.80 | 27.80 |
| LENHERT, RONALD AND TONI | 37 | 30 | 30 | 0 | 0 | 60 | 7 | 30 | 0 | 7 | 0.32 | 0.00 | 177.92 | 177.92 |
| LHC ALLIGATOR, LLC | 498 | 399 | 399 | (399) | 0 | 399 | 0 | 399 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. (SEE NOTE 13) | 13,610 | 8,166 | 2,349 | 0 | 0 | 10,515 | 7,856 | 2,659 | 0 | 7,856 | 354.84 | 0.00 | 197,291.04 | 197,291.04 |
| LOUNSBURY, CAROLYN JOY | 0 | 0 | 145 | (145) | 0 | 0 | 0 | 0 | 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 2010 REVOCABLE TRUST | 300 | 240 | 239 | (239) | 0 | 240 | 1 | 239 | 0 | 1 | 0.05 | 0.00 | 27.80 | 27.80 |

APPENDIX B
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17

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

ALTO SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | |
|---|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|---|-------------|------------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL | |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | WATER | WATER | | |
| | | | | | | | | | | | | \$556.00/AF | \$556.00/AF | | |
| MARIANA RANCHOS COUNTY WATER DISTRICT | 245 | 147 | 0 | 0 | 0 | 147 | 198 | 0 | 51 | 147 | 6.64 | 28,356.00 | 3,691.84 | 32,047.84 | |
| MCINNIS, WILLIAM S. | 30 | 24 | 18 | 0 | 0 | 42 | 6 | 24 | 0 | 6 | 0.27 | 0.00 | 150.12 | 150.12 | |
| MCKINNEY, PAULA | 33 | 27 | 27 | (27) | 0 | 27 | 0 | 27 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| MLH, LLC | 13 | 11 | 3 | (3) | 0 | 11 | 8 | 3 | 0 | 8 | 0.36 | 0.00 | 200.16 | 200.16 | |
| MOJAVE WATER AGENCY (SEE NOTE 14) | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 0 | 50 | 0 | 0.00 | 27,800.00 | 0.00 | 27,800.00 | |
| NAVAJO MUTUAL WATER COMPANY | 88 | 53 | 53 | 0 | 0 | 106 | 30 | 53 | 0 | 30 | 1.36 | 0.00 | 756.16 | 756.16 | |
| NUÑEZ, LUIS SEGUNDO | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0.00 | 556.00 | 0.00 | 556.00 | |
| NUNN FAMILY TRUST | 36 | 29 | 28 | (28) | 0 | 29 | 1 | 28 | 0 | 1 | 0.05 | 0.00 | 27.80 | 27.80 | |
| ORO GRANDE SCHOOL DISTRICT | 107 | 65 | 65 | 0 | 0 | 130 | 65 | 65 | 0 | 65 | 2.94 | 0.00 | 1,634.64 | 1,634.64 | |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0.00 | 556.00 | 0.00 | 556.00 | |
| PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT | 355 | 213 | 95 | 0 | 0 | 308 | 237 | 71 | 0 | 237 | 10.70 | 0.00 | 5,949.20 | 5,949.20 | |
| PITTMAN, LEROY W. | 148 | 119 | 119 | 0 | 0 | 238 | 1 | 119 | 0 | 1 | 0.05 | 0.00 | 27.80 | 27.80 | |
| 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 | 108 | 0 | 6 | 102 | 4.61 | 3,336.00 | 2,563.16 | 5,899.16 | |
| RIM PROPERTIES, A GENERAL PARTNERSHIP | 9 | 8 | 8 | (8) | 0 | 8 | 0 | 8 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RUE RANCH | 30 | 24 | 13 | (13) | 0 | 24 | 9 | 15 | 0 | 9 | 0.41 | 0.00 | 227.96 | 227.96 | |
| SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENT | 0 | 0 | 0 | 0 | 0 | 0 | 95 | 0 | 95 | 0 | 0.00 | 52,820.00 | 0.00 | 52,820.00 | |
| SAN BERNARDINO COUNTY SERVICE AREA 42 | 465 | 279 | 214 | (214) | 0 | 279 | 70 | 209 | 0 | 70 | 3.16 | 0.00 | 1,756.96 | 1,756.96 | |
| SAN BERNARDINO COUNTY SERVICE AREA 64 | 3,822 | 2,294 | 707 | 0 | 0 | 3,001 | 2,622 | 379 | 0 | 2,622 | 118.43 | 0.00 | 65,847.08 | 65,847.08 | |
| SAN BERNARDINO COUNTY SERVICE AREA 70J | 1,015 | 609 | 0 | 915 | 0 | 1,524 | 1,547 | 0 | 23 | 1,524 | 68.84 | 12,788.00 | 38,275.04 | 51,063.04 | |
| SAPP, ROBERT D. AND LEE, TERESA J. | 42 | 34 | 27 | (27) | 0 | 34 | 8 | 26 | 0 | 8 | 0.36 | 0.00 | 200.16 | 200.16 | |
| SCRAY, MICHELLE A. TRUST | 15 | 12 | 11 | (11) | 0 | 12 | 1 | 11 | 0 | 1 | 0.05 | 0.00 | 27.80 | 27.80 | |
| SERVICE ROCK PRODUCTS CORPORATION | 20 | 12 | 0 | 0 | 0 | 12 | 9 | 3 | 0 | 9 | 0.41 | 0.00 | 227.96 | 227.96 | |
| SILVER LAKES ASSOCIATION | 4,987 | 2,993 | 916 | 0 | 0 | 3,909 | 3,254 | 655 | 0 | 3,254 | 146.98 | 0.00 | 81,720.88 | 81,720.88 | |
| SPRING VALLEY LAKE ASSOCIATION | 3,768 | 2,261 | 0 | 0 | 0 | 2,261 | 2,534 | 0 | 273 | 2,261 | 102.12 | 151,788.00 | 56,778.72 | 208,566.72 | |
| SPRING VALLEY LAKE COUNTRY CLUB | 977 | 587 | 0 | 100 | 0 | 687 | 691 | 0 | 4 | 687 | 31.03 | 2,224.00 | 17,252.68 | 19,476.68 | |
| 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 | 15 | (15) | 0 | 16 | 1 | 15 | 0 | 1 | 0.05 | 0.00 | 27.80 | 27.80 | |
| SUMMIT VALLEY RANCH, LLC | 57 | 46 | 38 | (38) | 0 | 46 | 31 | 15 | 0 | 31 | 1.40 | 0.00 | 778.40 | 778.40 | |
| THOMPSON LIVING TRUST, JAMES A. AND SULA B. | 418 | 335 | 330 | (330) | 0 | 335 | 4 | 331 | 0 | 4 | 0.18 | 0.00 | 100.08 | 100.08 | |
| THOMPSON LIVING TRUST, R.L. AND R.A. | 13 | 11 | 6 | (6) | 0 | 11 | 4 | 7 | 0 | 4 | 0.18 | 0.00 | 100.08 | 100.08 | |
| THRASHER, GARY | 373 | 299 | 171 | (171) | 0 | 299 | 19 | 280 | 0 | 19 | 0.86 | 0.00 | 478.16 | 478.16 | |
| THUNDERBIRD COUNTY WATER DISTRICT | 118 | 71 | 0 | 0 | 0 | 71 | 106 | 0 | 35 | 71 | 3.21 | 19,460.00 | 1,784.76 | 21,244.76 | |
| 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 | 288 | (288) | 0 | 288 | 0 | 288 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |

APPENDIX B

MARCH 28, 2018

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ALTO SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | | | | | | |
|---|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|---|----------------------------|---|---|-------------------------------|-------------------------------------|--------------------------------|--------------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | PRODUCTION SUBJECT TO MAKEUP ⁹ OBLIGATION | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$556.00/AF | MAKEUP WATER \$556.00/AF | TOTAL | |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| VICTOR VALLEY COMMUNITY COLLEGE DISTRICT | 240 | 144 | 0 | 0 | 0 | 144 | 358 | 0 | 214 | 144 | 6.50 | 118,984.00 | 3,614.00 | 122,598.00 | |
| VICTOR VALLEY MEMORIAL PARK | 0 | 0 | 0 | 0 | 0 | 0 | 40 | 0 | 40 | 0 | 0.00 | 22,240.00 | 0.00 | 22,240.00 | |
| VICTORVILLE WATER DISTRICT, ID#1 (SEE NOTE 13) | 23,020 | 13,812 | 0 | 0 | 412 | 14,224 | 18,504 | 0 | 4,280 | 14,224 | 642.47 | 2,379,680.00 | 357,213.32 | 2,736,893.32 | |
| VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 13) | 2,932 | 1,760 | 0 | 0 | 0 | 1,760 | 4,797 | 0 | 3,037 | 1,760 | 79.50 | 1,688,572.00 | 44,202.00 | 1,732,774.00 | |
| VOGLER, ALBERT H. | 62 | 50 | 49 | (49) | 0 | 50 | 1 | 49 | 0 | 1 | 0.05 | 0.00 | 27.80 | 27.80 | |
| WAGNER LIVING 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 | 0.05 | 0.00 | 27.80 | 27.80 | |
| WARD, KEN AND BARBARA | 65 | 52 | 22 | (22) | 0 | 52 | 31 | 21 | 0 | 31 | 1.40 | 0.00 | 778.40 | 778.40 | |
| 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 | 0.05 | 0.00 | 27.80 | 27.80 | |
| WESTERN RIVERS CONSERVANCY | 10 | 8 | 7 | (7) | 0 | 8 | 1 | 7 | 0 | 1 | 0.05 | 0.00 | 27.80 | 27.80 | |
| 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 | 20 | 0 | 0 | 53 | 29 | 24 | 0 | 29 | 1.31 | 0.00 | 728.36 | 728.36 | |
| 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 | 35 | 0 | 35 | 0 | 0.00 | 19,460.00 | 0.00 | 19,460.00 | |
| WYATT FAMILY TRUST | 70 | 56 | 56 | (56) | 0 | 56 | 0 | 56 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| TOTAL | 114,308 | 70,473 | 21,802 | (14,102) | (215) | 77,958 | 70,281 | 22,131 | 13,892 | 55,460 | 2,505.08 | 7,723,952.00 | 1,392,824.48 | 9,116,776.48 | |

APPENDIX B

MARCH 28, 2018

**PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)**

CENTRO SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | | | | | | |
|---|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|---|----------------------------|---|---|-------------------------------|-------------|--------|-----------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL | |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | WATER | WATER | | |
| | | | | | | | | | | | | \$556.00/AF | N/A | | |
| APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT | 29 | 24 | 24 | (24) | 0 | 24 | 0 | 24 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| AQUA CAPITAL MANAGEMENT, LP | 2,336 | 1,869 | 1,869 | (1,425) | 0 | 2,313 | 0 | 1,869 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY | 120 | 96 | 64 | (56) | 0 | 104 | 0 | 96 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BAR-LEN MUTUAL WATER COMPANY | 48 | 39 | 1 | 0 | 0 | 40 | 17 | 23 | 0 | 17 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BARSTOW COMMUNITY DEVELOPERS, LLC | 0 | 0 | 0 | 0 | 0 | 0 | 11 | 0 | 11 | 0 | 0.00 | 6,116.00 | 0.00 | 6,116.00 | |
| 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 | (289) | (289) | 0 | 0 | 0 | 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 | 52 | 42 | 42 | 0 | 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 | 117 | (101) | 0 | 137 | 1 | 121 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| DARR, JAMES S. | 408 | 327 | 327 | 0 | 0 | 654 | 20 | 327 | 0 | 20 | 0.00 | 0.00 | 0.00 | 0.00 | |
| DE VRIES, NEIL AND MARY FAMILY TRUST | 3,800 | 3,040 | 3,040 | 0 | 0 | 6,080 | 1 | 3,040 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| DORRANCE, DAVID W. AND TAMELA L. | 19 | 16 | 0 | 0 | (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 | 0 | 0 | (11) | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| FRIEND, JOSEPH AND DEBORAH | 60 | 48 | 48 | 0 | 0 | 96 | 10 | 48 | 0 | 10 | 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 | (2,764) | 0 | 20,288 | 5,373 | 11,526 | 0 | 5,373 | 0.00 | 0.00 | 0.00 | 0.00 | |
| GRILL, NICHOLAS P. AND MILLIE D. (SEE NOTE 15) | 0 | 0 | 0 | 0 | 0 | 0 | 82 | 0 | 82 | 0 | 0.00 | 45,592.00 | 0.00 | 45,592.00 | |
| GUTIERREZ, JOSE AND GLORIA | 130 | 104 | 86 | 0 | 0 | 190 | 101 | 89 | 0 | 101 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH | 152 | 122 | 122 | (122) | (99) | 23 | 0 | 23 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HARMSSEN FAMILY TRUST | 722 | 578 | 483 | 0 | 0 | 1,061 | 275 | 578 | 0 | 275 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HARPER LAKE COMPANY VIII | 1,433 | 1,147 | 805 | 0 | 0 | 1,952 | 995 | 957 | 0 | 995 | 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 | 8 | 0 | 0 | 36 | 17 | 19 | 0 | 17 | 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 | (274) | 0 | 3,462 | 41 | 1,868 | 0 | 41 | 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 | 818 | 525 | 0 | 818 | 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 | |

APPENDIX B

MARCH 28, 2018

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

CENTRO SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | |
|--|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|---|--------|-----------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL | |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | WATER | WATER | | |
| | | | | | | | | | | | | \$556.00/AF | N/A | | |
| JORDAN FAMILY TRUST | 460 | 368 | 368 | (307) | 0 | 429 | 4 | 368 | 0 | 4 | 0.00 | 0.00 | 0.00 | 0.00 | |
| KASNER FAMILY LIMITED PARTNERSHIP (SEE NOTE 15) | 421 | 337 | 337 | 0 | 0 | 674 | 7 | 337 | 0 | 7 | 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 | | | | | | 4 | | | | | | | | |
| 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 | 1,506 | 4,192 | 0 | 1,506 | 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 | 6,672.00 | 0.00 | 6,672.00 | |
| 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 | 3,580 | 0 | 0 | 7,160 | 2,593 | 3,580 | 0 | 2,593 | 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 | 385 | 0 | 0 | 905 | 646 | 259 | 0 | 646 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RUISCH, ET AL. (SEE NOTE 12) | 862 | | | | | | 594 | | | | | | | | |
| SERVICE ROCK PRODUCTS CORPORATION | 766 | 613 | 613 | 0 | 0 | 1,226 | 77 | 613 | 0 | 77 | 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 | |
| SOPPELAND REVOCABLE TRUST | 478 | 383 | 383 | (383) | (179) | 204 | 7 | 197 | 0 | 7 | 0.00 | 0.00 | 0.00 | 0.00 | |
| TALLAKSON FAMILY REVOCABLE TRUST | 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 | 1 | 14 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| VAN DAM REVOCABLE TRUST, E AND S | 722 | 578 | 578 | (385) | 0 | 771 | 168 | 578 | 0 | 168 | 0.00 | 0.00 | 0.00 | 0.00 | |
| VAN LEEUWEN, JOHN | 1,465 | 1,172 | 1,111 | 0 | 0 | 2,283 | 1,049 | 1,172 | 0 | 1,049 | 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 | 3,281 | 2,493 | 0 | 3,281 | 0.00 | 0.00 | 0.00 | 0.00 | |
| VICTORVILLE WATER DISTRICT, ID#1 | 796 | 637 | 161 | (161) | (637) | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| WERNER, ANDREW J. | 18 | 15 | 0 | 0 | (15) | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| WESTERN DEVELOPMENT AND STORAGE, LLC | 6 | 5 | 0 | 0 | (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 | 37,365 | (4,043) | (1,267) | 70,707 | 17,905 | 36,885 | 105 | 17,077 | 0.00 | 58,380.00 | 0.00 | 58,380.00 | |

APPENDIX B

MARCH 28, 2018

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

BAJA SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | |
|--|---|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|-------------------------------------|---|-----------|--|
| | BASE ANNUAL PRODUCTION ALLOWANCE ¹ | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$556.00/AF | MAKEUP WATER N/A | TOTAL | |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| 35250 YERMO, LLC | 24 | 11 | 12 | 0 | 0 | 23 | 14 | 9 | 0 | 14 | 0.00 | 0.00 | 0.00 | 0.00 | |
| AHN, CHUN SOO AND WHA JA | 50 | 23 | 25 | 0 | 0 | 48 | 1 | 23 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| AKE, CHARLES J. AND MARJORIE M. | 23 | 11 | 12 | 0 | 0 | 23 | 0 | 11 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| ARCHIBEK, ERIC | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| ARGUELLES, ALFREDO | 647 | 292 | 324 | 0 | 0 | 616 | 233 | 292 | 0 | 233 | 0.00 | 0.00 | 0.00 | 0.00 | |
| ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY | 80 | 36 | 4 | 0 | 0 | 40 | 56 | 0 | 16 | 40 | 0.00 | 8,896.00 | 0.00 | 8,896.00 | |
| BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R. | 27 | 13 | 14 | 0 | 0 | 27 | 0 | 13 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BARBER, JAMES B. | 167 | 76 | 39 | 0 | 0 | 115 | 37 | 76 | 0 | 37 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BARON, SUSAN AND PALMER, CURTIS | 26 | 12 | 13 | 0 | 0 | 25 | 0 | 12 | 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 | 830 | 595 | 0 | 0 | 1,425 | 1,056 | 369 | 0 | 1,056 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BORJA, LEONIL T. AND TITAL L. | 20 | 9 | 10 | 0 | 0 | 19 | 0 | 9 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BOWMAN FAMILY TRUST | 0 | 0 | 6 | (6) | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BREDELIS, RONALD C. AND JEAN | 64 | 29 | 31 | 0 | 0 | 60 | 24 | 29 | 0 | 24 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BROWN, RONALD A. | 1,080 | 486 | 0 | 0 | 0 | 486 | 324 | 162 | 0 | 324 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BUDGET FINANCE COMPANY | 32 | 15 | 16 | 0 | 0 | 31 | 0 | 15 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BUSH, KEVIN | 0 | 0 | 55 | (55) | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CALICO JUNCTION | 20 | 9 | 10 | 0 | 0 | 19 | 0 | 9 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CALICO LAKES HOMEOWNERS ASSOCIATION | 1,293 | 582 | 313 | 0 | 0 | 895 | 259 | 525 | 0 | 259 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CALIFORNIA DEPARTMENT OF TRANSPORTATION | 71 | 32 | 36 | 0 | 0 | 68 | 17 | 32 | 0 | 17 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CALMAT COMPANY | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 9 | 0 | 0.00 | 5,004.00 | 0.00 | 5,004.00 | |
| CAMANGA, TONY AND MARIETTA | 47 | 22 | 24 | 0 | 0 | 46 | 1 | 22 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CAMPBELL, M. A. AND DIANNE | 22 | 10 | 11 | 0 | 0 | 21 | 0 | 10 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CARLTON, SUSAN | 155 | 70 | 78 | 0 | 0 | 148 | 2 | 70 | 0 | 2 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CDFW - CAMP CADY | 921 | 415 | 461 | 0 | 0 | 876 | 84 | 415 | 0 | 84 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CF PROPERTIES, LLC | 845 | 381 | 289 | 0 | 0 | 670 | 280 | 381 | 0 | 280 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CHEYENNE LAKE, INC. | 444 | 200 | 213 | 18 | 0 | 431 | 193 | 197 | 0 | 193 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CLARK, ARTHUR | 50 | 23 | 25 | 0 | 0 | 48 | 0 | 23 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CONNER, WILLIAM H. | 25 | 12 | 13 | 0 | 0 | 25 | 0 | 12 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CORBRIDGE, LINDA S. | 32 | 15 | 16 | 0 | 0 | 31 | 6 | 15 | 0 | 6 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CRANDALL, ESTHER | 0 | 0 | 3 | (3) | 0 | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CROSS, FRANCIS AND BEVERLY | 40 | 18 | 20 | 0 | 0 | 38 | 0 | 18 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION | 701 | 316 | 227 | 232 | 0 | 775 | 430 | 316 | 0 | 430 | 0.00 | 0.00 | 0.00 | 0.00 | |
| DAGGETT COMMUNITY SERVICES DISTRICT | 304 | 137 | 0 | 0 | 0 | 137 | 223 | 0 | 86 | 137 | 0.00 | 47,816.00 | 0.00 | 47,816.00 | |
| DAGGETT RANCH, LLC | 76 | 35 | 38 | 0 | 0 | 73 | 36 | 35 | 0 | 36 | 0.00 | 0.00 | 0.00 | 0.00 | |
| DE JONG FAMILY TRUST | 3,131 | 1,409 | 1,526 | 653 | 0 | 3,588 | 2,134 | 1,409 | 0 | 2,134 | 0.00 | 0.00 | 0.00 | 0.00 | |

APPENDIX B

MARCH 28, 2018

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

BAJA SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | | | | | | |
|--|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|---|----------------------------|---|---|-------------------------------|-------------------------------------|------------------------|-----------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$556.00/AF | MAKEUP WATER N/A | TOTAL | |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | | | | |
| | | | | | | | | | | | | | | | |
| DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE | 29 | 14 | 15 | 0 | 0 | 29 | 0 | 14 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| DOCIMO LIVING TRUST, ALLEN LEE | 109 | 50 | 48 | 0 | 0 | 98 | 65 | 33 | 0 | 65 | 0.00 | 0.00 | 0.00 | 0.00 | |
| DONALDSON, JERRY AND BEVERLY | 90 | 41 | 45 | 0 | 0 | 86 | 1 | 41 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| DOWELL, LEONARD | 23 | 11 | 12 | 0 | 0 | 23 | 0 | 11 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| EVERT FAMILY TRUST | 73 | 33 | 0 | 0 | 0 | 33 | 26 | 7 | 0 | 26 | 0.00 | 0.00 | 0.00 | 0.00 | |
| FEJFAR, MONICA KAY | 20 | 9 | 10 | 0 | 0 | 19 | 0 | 9 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| FERNANDEZ, ARTURO | 76 | 35 | 38 | 0 | 0 | 73 | 0 | 35 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| FERRO, DENNIS AND NORMA | 32 | 15 | 16 | 0 | 0 | 31 | 0 | 15 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| FIRST CPA LLC | 57 | 26 | 29 | 0 | 0 | 55 | 31 | 24 | 0 | 31 | 0.00 | 0.00 | 0.00 | 0.00 | |
| FUNDAMENTAL CHRISTIAN ENDEAVORS, INC. | 425 | 192 | 213 | 0 | 0 | 405 | 141 | 192 | 0 | 141 | 0.00 | 0.00 | 0.00 | 0.00 | |
| GABRYCH, EUGENE | 1,637 | 737 | 793 | 0 | 0 | 1,530 | 851 | 679 | 0 | 851 | 0.00 | 0.00 | 0.00 | 0.00 | |
| GARCIA, DANIEL | 23 | 11 | 12 | 0 | 0 | 23 | 2 | 11 | 0 | 2 | 0.00 | 0.00 | 0.00 | 0.00 | |
| GARG, OM P. | 483 | 218 | 231 | (81) | 0 | 368 | 4 | 218 | 0 | 4 | 0.00 | 0.00 | 0.00 | 0.00 | |
| GENON ENERGY, INC. | 7,194 | 3,238 | 3,597 | (3,000) | 0 | 3,835 | 580 | 3,238 | 0 | 580 | 0.00 | 0.00 | 0.00 | 0.00 | |
| GRAY, GEORGE F. AND BETTY E. | 94 | 43 | 47 | 0 | 0 | 90 | 0 | 43 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HACKBARTH, EDWARD E. | 1,517 | 683 | 182 | 151 | 0 | 1,016 | 876 | 140 | 0 | 876 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HANSON AGGREGATES WRP, INC. | 31 | 14 | 16 | 0 | 0 | 30 | 0 | 14 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HARESON, NICHOLAS AND MARY | 8 | 4 | 4 | 0 | 0 | 8 | 0 | 4 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HARTER, JOE AND SUE | 5,234 | 2,356 | 2,558 | 0 | 0 | 4,914 | 2,361 | 2,356 | 0 | 2,361 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HASS, PAULINE L. | 35 | 16 | 17 | (17) | 0 | 16 | 1 | 15 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HENDLEY, RICK AND BARBARA | 48 | 22 | 24 | 0 | 0 | 46 | 6 | 22 | 0 | 6 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HIETT, HARRY L. | 29 | 14 | 15 | 0 | 0 | 29 | 2 | 14 | 0 | 2 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HILARIDES 1998 REVOCABLE FAMILY TRUST | 303 | 137 | 151 | (151) | 0 | 137 | 1 | 136 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HO, TING-SENG AND AH-GIT | 300 | 135 | 150 | 0 | 0 | 285 | 0 | 135 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HOLLISTER, ROBERT H. AND RUTH M. | 44 | 20 | 22 | 0 | 0 | 42 | 7 | 20 | 0 | 7 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HONG, PAUL B. AND MAY | 85 | 39 | 43 | 0 | 0 | 82 | 0 | 39 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HOOD FAMILY TRUST | 41 | 19 | 21 | 0 | 0 | 40 | 2 | 19 | 0 | 2 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HORTON, JOHN | 242 | 109 | 121 | (80) | 0 | 150 | 15 | 109 | 0 | 15 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HORTON'S CHILDREN'S TRUST | 199 | 90 | 0 | 0 | 0 | 90 | 128 | 0 | 49 | 90 | 0.00 | 27,244.00 | 0.00 | 27,244.00 | |
| HUBBARD, ESTER AND MIZUNO, ARLEAN | 28 | 13 | 14 | 0 | 0 | 27 | 0 | 13 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HUNT, RALPH M. AND LILLIAN F. | 51 | 23 | 26 | 0 | 0 | 49 | 3 | 23 | 0 | 3 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HUTCHISON TRUST, WILLIAM O. | 0 | 0 | 184 | (179) | 0 | 5 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HYATT, JAMES AND BRENDA | 210 | 95 | 105 | (19) | 0 | 181 | 17 | 95 | 0 | 17 | 0.00 | 0.00 | 0.00 | 0.00 | |
| IM, NICHOLAS NAK-KYUN | 150 | 68 | 0 | 102 | 0 | 170 | 78 | 68 | 0 | 78 | 0.00 | 0.00 | 0.00 | 0.00 | |
| IRVIN, BERTRAND W. | 29 | 14 | 15 | 10 | 0 | 39 | 20 | 14 | 0 | 20 | 0.00 | 0.00 | 0.00 | 0.00 | |
| ITALMOOD INC., ET. AL. | 190 | 86 | 95 | 0 | 0 | 181 | 65 | 86 | 0 | 65 | 0.00 | 0.00 | 0.00 | 0.00 | |

APPENDIX B

MARCH 28, 2018

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

BAJA SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | | | | | | |
|----------|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|---|----------------------------|---|---|-------------------------------|-------------------------------------|------------------------|-------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$556.00/AF | MAKEUP WATER N/A | TOTAL | |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | | |
|--|-------|-------|-----|-------|---|-------|-------|-----|-----|-------|------|------------|------|------------|
| JACKS, JAMES F. | 10 | 5 | 4 | 0 | 0 | 9 | 1 | 5 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| JACKSON, JAMES N. JR REVOCABLE LIVING TRUST | 54 | 25 | 27 | (10) | 0 | 42 | 0 | 25 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| JACKSON, RAY REVOCABLE TRUST NO. 45801 | 1 | 1 | 10 | 0 | 0 | 11 | 0 | 1 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| JOHNSON, JAMES R. AND ELLEN | 247 | 112 | 105 | (105) | 0 | 112 | 23 | 89 | 0 | 23 | 0.00 | 0.00 | 0.00 | 0.00 |
| KARIMI, HOOSHANG | 70 | 32 | 35 | 0 | 0 | 67 | 0 | 32 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| KASNER FAMILY LIMITED PARTNERSHIP | 843 | 380 | 371 | (247) | 0 | 504 | 1,380 | 0 | 876 | 504 | 0.00 | 487,056.00 | 0.00 | 487,056.00 |
| KASNER, ROBERT (SEE NOTE 15) | 5,713 | 2,571 | 0 | 1,931 | 0 | 4,502 | 3,486 | 993 | 0 | 3,486 | 0.00 | 0.00 | 0.00 | 0.00 |
| KATCHER, AUGUST M. AND MARCELINE | 23 | 11 | 12 | 0 | 0 | 23 | 1 | 11 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| KEMP, ROBERT AND ROSE | 32 | 15 | 16 | 0 | 0 | 31 | 0 | 15 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| KIM, JOON HO AND MAL BOON REVOCABLE TRUST | 764 | 344 | 382 | (79) | 0 | 647 | 304 | 343 | 0 | 304 | 0.00 | 0.00 | 0.00 | 0.00 |
| KIM, SEON JA | 50 | 23 | 25 | 0 | 0 | 48 | 1 | 23 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| KOEGLER, RONALD R. AND CAROLYN V. | 26 | 12 | 13 | 0 | 0 | 25 | 11 | 12 | 0 | 11 | 0.00 | 0.00 | 0.00 | 0.00 |
| KOERING, RICHARD AND KOERING, DONNA | 20 | 9 | 10 | 0 | 0 | 19 | 1 | 9 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| KOROGHLIAN, TED AND NAJWA | 15 | 7 | 1 | 0 | 0 | 8 | 6 | 2 | 0 | 6 | 0.00 | 0.00 | 0.00 | 0.00 |
| KOSHAREK, JOHN AND JOANN | 54 | 25 | 27 | 0 | 0 | 52 | 12 | 25 | 0 | 12 | 0.00 | 0.00 | 0.00 | 0.00 |
| LAKE JODIE PROPERTY OWNERS ASSOCIATION | 311 | 140 | 47 | 254 | 0 | 441 | 291 | 140 | 0 | 291 | 0.00 | 0.00 | 0.00 | 0.00 |
| LAKE WAIKIKI | 98 | 45 | 49 | 0 | 0 | 94 | 0 | 45 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| LAKE WAINANI OWNERS ASSOCIATION | 860 | 387 | 142 | 0 | 0 | 529 | 203 | 230 | 0 | 203 | 0.00 | 0.00 | 0.00 | 0.00 |
| LAM, PHILLIP | 105 | 48 | 53 | 0 | 0 | 101 | 4 | 48 | 0 | 4 | 0.00 | 0.00 | 0.00 | 0.00 |
| LANGLEY, MICHAEL R. AND SHARON | 20 | 9 | 7 | 0 | 0 | 16 | 9 | 7 | 0 | 9 | 0.00 | 0.00 | 0.00 | 0.00 |
| LAVANH, ET AL. | 24 | 11 | 12 | 0 | 0 | 23 | 1 | 11 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| LAWRENCE, WILLIAM W. | 45 | 21 | 23 | 0 | 0 | 44 | 1 | 21 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| LEE, VIN JANG T. | 630 | 284 | 315 | 0 | 0 | 599 | 0 | 284 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| LEM, HOY | 32 | 15 | 16 | 0 | 0 | 31 | 0 | 15 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| LIANG, YUAN - I AND TZU - MEI CHEN | 200 | 90 | 100 | 0 | 0 | 190 | 0 | 90 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. | 453 | 204 | 226 | (51) | 0 | 379 | 135 | 204 | 0 | 135 | 0.00 | 0.00 | 0.00 | 0.00 |
| LIN, KUAN JUNG AND CHUNG, DER-BING | 451 | 203 | 226 | 0 | 0 | 429 | 0 | 203 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| LO, ET AL. | 59 | 27 | 30 | 0 | 0 | 57 | 55 | 2 | 0 | 55 | 0.00 | 0.00 | 0.00 | 0.00 |
| M BIRD CONSTRUCTION | 41 | 19 | 21 | 0 | 0 | 40 | 0 | 19 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| MAHJOUBI, AFSAR S. | 63 | 29 | 32 | 0 | 0 | 61 | 0 | 29 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| MALONEY, JANICE | 36 | 17 | 18 | 0 | 0 | 35 | 2 | 17 | 0 | 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| MANNING, SHARON S. | 63 | 29 | 8 | 0 | 0 | 37 | 43 | 0 | 6 | 37 | 0.00 | 3,336.00 | 0.00 | 3,336.00 |
| MARCROFT, JAMES A. AND JOAN | 38 | 18 | 19 | 0 | 0 | 37 | 24 | 13 | 0 | 24 | 0.00 | 0.00 | 0.00 | 0.00 |
| MARSHALL, CHARLES | 20 | 9 | 10 | 0 | 0 | 19 | 0 | 9 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| MARTIN, MICHAEL D. AND ARLENE D. | 63 | 29 | 10 | 0 | 0 | 39 | 42 | 0 | 3 | 39 | 0.00 | 1,668.00 | 0.00 | 1,668.00 |
| MILBRAT, IRVING H. | 73 | 33 | 37 | 0 | 0 | 70 | 30 | 33 | 0 | 30 | 0.00 | 0.00 | 0.00 | 0.00 |

APPENDIX B
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)
BAJA SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | | | | | | |
|---|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|---|----------------------------|---|---|-------------------------------|-------------|--------|-----------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL | |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | WATER | WATER | | |
| | | | | | | | | | | | | \$556.00/AF | N/A | | |
| MILLER LIVING TRUST | 18 | 9 | 9 | 0 | 0 | 18 | 0 | 9 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| MIZRAHIE, ET AL. | 145 | 66 | 73 | 0 | 0 | 139 | 0 | 66 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| MORRIS TRUST, JULIA V. | 304 | 137 | 152 | (152) | 0 | 137 | 1 | 136 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| MULLIGAN, ROBERT AND INEZ | 35 | 16 | 18 | 0 | 0 | 34 | 10 | 16 | 0 | 10 | 0.00 | 0.00 | 0.00 | 0.00 | |
| MURPHY, JEAN | 24 | 11 | 12 | 0 | 0 | 23 | 4 | 11 | 0 | 4 | 0.00 | 0.00 | 0.00 | 0.00 | |
| NEW SPRINGS LIMITED PARTNERSHIP | 2,329 | 1,049 | 915 | (49) | (200) | 1,715 | 0 | 849 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| NEWBERRY COMMUNITY SERVICES DISTRICT | 23 | 11 | 3 | 0 | 0 | 14 | 10 | 4 | 0 | 10 | 0.00 | 0.00 | 0.00 | 0.00 | |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 1 | 1 | 2 | (2) | 0 | 1 | 0 | 1 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| O. F. D. L., INC. | 222 | 100 | 99 | 68 | 0 | 267 | 169 | 98 | 0 | 169 | 0.00 | 0.00 | 0.00 | 0.00 | |
| P AND H ENGINEERING AND DEVELOPMENT CORPORATION | 667 | 301 | 334 | 0 | 0 | 635 | 0 | 301 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| PATINO, JOSÉ | 22 | 10 | 11 | 0 | 0 | 21 | 1 | 10 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| PEARCE, CRAIG L. | 150 | 68 | 75 | 0 | 0 | 143 | 3 | 68 | 0 | 3 | 0.00 | 0.00 | 0.00 | 0.00 | |
| PERKO, BERT K. | 132 | 60 | 66 | 0 | 0 | 126 | 45 | 60 | 0 | 45 | 0.00 | 0.00 | 0.00 | 0.00 | |
| POLAND, JOHN R. AND KATHLEEN A. | 92 | 42 | 46 | 0 | 0 | 88 | 11 | 42 | 0 | 11 | 0.00 | 0.00 | 0.00 | 0.00 | |
| PORTER, TIMOTHY M. | 30 | 14 | 15 | 0 | 0 | 29 | 0 | 14 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| POZZATO PARTNERS, LIMITED (FORMERLY: D'SILVA, MELANIE) | 54 | 25 | 0 | 0 | 0 | 25 | 33 | 0 | 8 | 25 | 0.00 | 4,448.00 | 0.00 | 4,448.00 | |
| PRICE, DONALD AND RUTH | 42 | 19 | 21 | 0 | 0 | 40 | 1 | 19 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| PRUETT, ANDREA | 36 | 17 | 18 | 0 | 0 | 35 | 0 | 17 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| QUIROS, FRANCISCO J. AND HERRMANN, RONALD | 38 | 18 | 19 | 0 | 0 | 37 | 31 | 6 | 0 | 31 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RICE, HENRY C. AND DIANA | 24 | 11 | 12 | 0 | 0 | 23 | 1 | 11 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |
| RIZVI, S.R ALI | 27 | 13 | 14 | 0 | 0 | 27 | 0 | 13 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| ROSSI, JAMES L. AND NAOMI I. | 614 | 277 | 104 | 0 | 0 | 381 | 198 | 183 | 0 | 198 | 0.00 | 0.00 | 0.00 | 0.00 | |
| S AND B BROTHERS, LLC | 221 | 100 | 106 | 0 | 0 | 206 | 91 | 65 | 0 | 91 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SAGABEAN-BARKER, KANOELOKELANI L. | 34 | 16 | 17 | 0 | 0 | 33 | 14 | 16 | 0 | 14 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SAMRA, JAGTAR S. | 30 | 14 | 12 | 0 | 0 | 26 | 10 | 14 | 0 | 10 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT | 168 | 76 | 84 | 0 | 0 | 160 | 33 | 76 | 0 | 33 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SERVICE ROCK PRODUCTS CORPORATION | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0.00 | 556.00 | 0.00 | 556.00 | |
| SHAW, ROBERT M. AND LORI A. SLATER-SHAW | 43 | 20 | 22 | 0 | 0 | 42 | 11 | 20 | 0 | 11 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SHENG, JEN | 33 | 15 | 17 | 0 | 0 | 32 | 3 | 15 | 0 | 3 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SHEPPARD, THOMAS AND GLORIA | 217 | 98 | 109 | 0 | 0 | 207 | 13 | 98 | 0 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SHORT, CHARLES AND MARGARET | 54 | 25 | 27 | 0 | 0 | 52 | 13 | 25 | 0 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SHORT, JEROME E. | 30 | 14 | 15 | 0 | 0 | 29 | 17 | 12 | 0 | 17 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SINGH, ET AL. | 31 | 14 | 16 | 0 | 0 | 30 | 0 | 14 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SMITH, DENISE DBA AMEREQUINE BEAUTY, INC | 0 | 0 | 0 | 0 | 0 | 0 | 113 | 0 | 113 | 0 | 0.00 | 62,828.00 | 0.00 | 62,828.00 | |
| SMITH, PORTER AND ANITA | 25 | 12 | 13 | 0 | 0 | 25 | 0 | 12 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SMITH, WILLIAM E. AND PATRICIA A. | 19 | 9 | 10 | 0 | 0 | 19 | 5 | 9 | 0 | 5 | 0.00 | 0.00 | 0.00 | 0.00 | |

APPENDIX B

MARCH 28, 2018

**PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)**

BAJA SUBAREA

| PRODUCER | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | | | | | | |
|--|---|---|---|-----------------------------------|-----------------------------|--------------------|---|----------------------------|---|---|-------------------------------|-------------------------------------|------------------------|------------|
| | BASE ANNUAL PRODUCTION ALLOWANCE ¹ | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$556.00/AF | MAKEUP WATER N/A | TOTAL |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | | | |
| | | | | | | | | | | | | | | |
| SOUTHERN CALIFORNIA EDISON COMPANY | 600 | 270 | 300 | 0 | 0 | 570 | 0 | 270 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| SOUTHERN CALIFORNIA GAS COMPANY | 98 | 45 | 49 | 0 | 0 | 94 | 7 | 45 | 0 | 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| SPERRY, WESLEY | 104 | 47 | 52 | 0 | 0 | 99 | 0 | 47 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| ST. ANTONY COPTIC ORTHODOX MONASTERY | 130 | 59 | 270 | 0 | 200 | 529 | 324 | 205 | 0 | 324 | 0.00 | 0.00 | 0.00 | 0.00 |
| STARKE, GEORGE A. AND JAYNE E. | 23 | 11 | 12 | 0 | 0 | 23 | 0 | 11 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| SUNDOWN LAKES, INC. | 342 | 154 | 10 | 172 | 0 | 336 | 168 | 154 | 0 | 168 | 0.00 | 0.00 | 0.00 | 0.00 |
| SUNRAY ENERGY, INC. | 0 | 0 | 32 | (32) | 0 | 0 | 0 | | | | | | | |
| SUNRAY LAND COMPANY, LLC (FORMERLY: SUNRAY ENERGY, INC) | 63 | 29 | 0 | 32 | 0 | 61 | 14 | 29 | 0 | 14 | 0.00 | 0.00 | 0.00 | 0.00 |
| SZYNKOWSKI, RUTH J. | 29 | 14 | 15 | 0 | 0 | 29 | 2 | 14 | 0 | 2 | 0.00 | 0.00 | 0.00 | 0.00 |
| TAPIE, RAYMOND L. | 18 | 9 | 9 | 0 | 0 | 18 | 1 | 9 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| TEISAN, JERRY | 96 | 44 | 48 | 0 | 0 | 92 | 0 | 44 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| THAYER, SHARON | 97 | 44 | 49 | 0 | 0 | 93 | 30 | 44 | 0 | 30 | 0.00 | 0.00 | 0.00 | 0.00 |
| THOMAS, STEPHEN AND LORI | 49 | 23 | 25 | 0 | 0 | 48 | 5 | 23 | 0 | 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| TRIPLE H PARTNERSHIP | 218 | 99 | 109 | 0 | 0 | 208 | 69 | 99 | 0 | 69 | 0.00 | 0.00 | 0.00 | 0.00 |
| TSUI, RICHARD | 472 | 213 | 236 | (236) | 0 | 213 | 0 | 213 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| TURNER, TERRY | 30 | 14 | 15 | 0 | 0 | 29 | 1 | 14 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| UNION PACIFIC RAILROAD COMPANY | 249 | 113 | 125 | 0 | 0 | 238 | 54 | 113 | 0 | 54 | 0.00 | 0.00 | 0.00 | 0.00 |
| VACA, ANDY AND TERESITA S. | 20 | 9 | 9 | 0 | 0 | 18 | 11 | 7 | 0 | 11 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAN BASTELAAR, ALPHONSE | 78 | 36 | 0 | 0 | 0 | 36 | 80 | 0 | 44 | 36 | 0.00 | 24,464.00 | 0.00 | 24,464.00 |
| VAN DAM FAMILY TRUST, GLEN AND JENNIFER | 5,430 | 2,444 | 2,491 | 0 | 0 | 4,935 | 2,215 | 2,444 | 0 | 2,215 | 0.00 | 0.00 | 0.00 | 0.00 |
| VAN LEEUWEN, JOHN | 2,018 | 909 | 1,009 | 0 | 0 | 1,918 | 1,050 | 868 | 0 | 1,050 | 0.00 | 0.00 | 0.00 | 0.00 |
| VANDER DUSSEN TRUST, AGNES AND EDWARD | 1,792 | 807 | 864 | 0 | 0 | 1,671 | 1,106 | 565 | 0 | 1,106 | 0.00 | 0.00 | 0.00 | 0.00 |
| WANG, STEVEN | 10 | 5 | 5 | 0 | 0 | 10 | 0 | 5 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| WARD, RAYMOND | 105 | 48 | 19 | 0 | 0 | 67 | 91 | 0 | 24 | 67 | 0.00 | 13,344.00 | 0.00 | 13,344.00 |
| WEEMS, LIZZIE | 53 | 24 | 27 | 0 | 0 | 51 | 8 | 24 | 0 | 8 | 0.00 | 0.00 | 0.00 | 0.00 |
| WEERAISINGHE, MAITHRI N. | 15 | 7 | 8 | 0 | 0 | 15 | 1 | 7 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| WESTERN HERITAGE, INC. | 854 | 385 | 427 | 0 | 0 | 812 | 0 | 385 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| WESTERN HORIZON ASSOCIATES, INC. | 1,363 | 614 | 209 | (48) | 0 | 775 | 576 | 199 | 0 | 576 | 0.00 | 0.00 | 0.00 | 0.00 |
| WET SET, INC. | 326 | 147 | 65 | 70 | 0 | 282 | 134 | 114 | 0 | 134 | 0.00 | 0.00 | 0.00 | 0.00 |
| WITTE, E. DANIEL AND MARCIA | 27 | 13 | 14 | 0 | 0 | 27 | 1 | 13 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 |
| WLSR, INC. | 250 | 113 | 78 | 84 | 0 | 275 | 133 | 113 | 0 | 133 | 0.00 | 0.00 | 0.00 | 0.00 |
| WORSEY, JOSEPH A. AND REVAE | 29 | 14 | 15 | 0 | 0 | 29 | 0 | 14 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL | 63,929 | 28,849 | 24,829 | (825) | 0 | 52,853 | 23,691 | 23,808 | 1,235 | 22,467 | 0.00 | 686,660.00 | 0.00 | 686,660.00 |

APPENDIX B - SUMMARY
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2016-17

MARCH 28, 2018

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

| SUBAREA | 2016-17 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | ASSESSMENTS DUE BY JULY 1, 2018 (AMOUNTS IN DOLLARS) | | |
|--------------------|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|---|---------------------|----------------------|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2016-17 VERIFIED PRODUCTION ⁶ | UNUSED ⁷ FPA | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER | MAKEUP WATER | TOTAL |
| | | | | 2015-16 CARRYOVER ³ | 2016-17 FPA ⁴ | | | | | | | | | |
| ESTE | 19,251 | 15,422 | 15,053 | (245) | 0 | 30,230 | 4,233 | 15,109 | 332 | 3,901 | 0.00 | 184,592.00 | 0.00 | 184,592.00 |
| OESTE | 6,857 | 5,488 | 4,520 | (618) | 0 | 9,390 | 3,194 | 4,156 | 0 | 3,194 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALTO | 114,308 | 70,473 | 21,802 | (14,102) | (215) | 77,958 | 70,281 | 22,131 | 13,892 | 55,460 | 2,505.08 | 7,723,952.00 | 1,392,824.48 | 9,116,776.48 |
| CENTRO | 49,477 | 38,652 | 37,365 | (4,043) | (1,267) | 70,707 | 17,905 | 36,885 | 105 | 17,077 | 0.00 | 58,380.00 | 0.00 | 58,380.00 |
| BAJA | 63,929 | 28,849 | 24,829 | (825) | 0 | 52,853 | 23,691 | 23,808 | 1,235 | 22,467 | 0.00 | 686,660.00 | 0.00 | 686,660.00 |
| GRAND TOTAL | 253,822 | 158,884 | 103,569 | (19,833) | (1,482) | 241,138 | 119,304 | 102,089 | 15,564 | 102,099 | 2,505.08 | 8,653,584.00 | 1,392,824.48 | 10,046,408.48 |

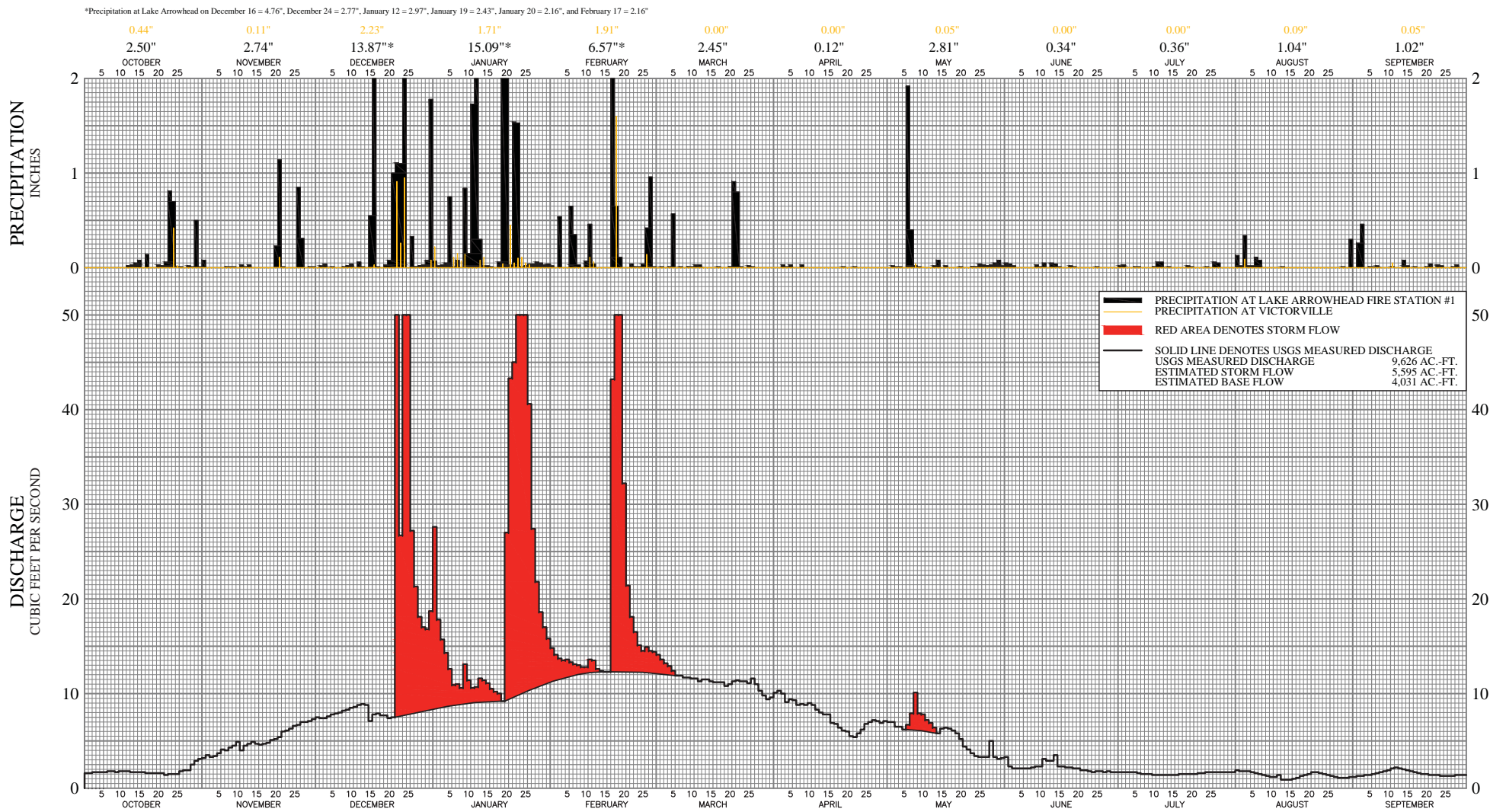
NOTES FOR APPENDIX B

- 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 45% OF BASE ANNUAL PRODUCTION IN THE BAJA SUBAREA.
- 2 UNUSED FPA FROM 2015-16 NET OF ANY TRANSFERS DURING 2015-16.
- 3 TRANSFERS OF 2015-16 UNUSED FPA FOR USE DURING 2016-17. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 4 TRANSFERS OF 2016-17 BASE FREE PRODUCTION ALLOWANCE. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 5 TOTAL FREE PRODUCTION ALLOWANCE FOR 2016-17 IS EQUAL TO THE SUM OF BASE FREE PRODUCTION ALLOWANCE, CARRYOVER AND TRANSFERS.
- 6 2016-17 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 2016-17 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 CDFW - 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 2016-17 AND CONSISTS OF 909 ACRE-FEET IN THE ALTO SUBAREA
AND 723 ACRE-FEET IN THE CENTRO SUBAREA.
- 13 THE VERIFIED PRODUCTION SHOWN INCLUDES MWA DELIVERIES THROUGH THE REGIONAL, RECHARGE AND RECOVERY PROJECT. DELIVERIES FOR 2016-17 WATER
YEAR INCLUDE 560 ACRE-FEET FOR LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP., 1,313 ACRE-FEET FOR VICTORVILLE WATER DISTRICT, ID#1 AND
2,173 ACRE-FEET FOR VICTORVILLE WATER DISTRICT ID#2.
- 14 THE VERIFIED PRODUCTION SHOWN INCLUDES THE OPERATIONAL WATER USED FOR THE REGIONAL, RECHARGE AND RECOVERY PROJECT FROM THE 2012-13
WATER YEAR THROUGH THE CURRENT WATER YEAR.
- 15 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 2016-17



DISCHARGE OF MOJAVE RIVER AT LOWER NARROWS,
PRECIPITATION AT LAKE ARROWHEAD FIRE STATION #1,
AND PRECIPITATION AT VICTORVILLE
WATER YEAR 2016-17

MOJAVE RIVER AT LOWER NARROWS NEAR VICTORVILLE, CA

U.S.G.S. GAGING STATION NO. 10261500

WATER YEAR 2016-17

AVERAGE DAILY DISCHARGE, CUBIC FEET PER SECOND

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|---------------------------|-------------|--------------|--------------|--------------|--------------|------------|------------|--------------|-------------|-------------|-------------|-------------|
| 1 | 1.64 | 3.16 | 7.45 | 27.6 | 14.8 | 14.1 | 10.1 | 7.00 | 3.30 | e1.71 | 1.88 | 1.22 |
| 2 | 1.63 | 3.45 | 7.44 | 17.8 | 14.1 | 13.6 | 10.3 | 6.98 | 2.27 | e1.72 | 1.79 | 1.26 |
| 3 | 1.70 | 3.29 | 7.42 | 15.7 | 13.7 | 13.2 | 9.97 | 6.51 | 2.14 | e1.69 | 1.82 | 1.31 |
| 4 | 1.73 | 3.40 | 7.61 | 14.3 | 13.5 | 12.9 | 9.13 | 6.46 | 2.10 | 1.69 | 1.76 | 1.38 |
| 5 | 1.74 | 3.68 | 7.77 | 12.6 | 13.6 | 12.4 | 9.38 | 6.21 | 2.09 | 1.66 | 1.67 | 1.44 |
| 6 | 1.72 | 4.11 | 7.87 | 10.9 | 13.3 | 11.9 | 9.26 | 6.71 | 2.10 | 1.59 | 1.58 | 1.49 |
| 7 | 1.78 | 4.02 | 8.03 | 11.0 | 13.1 | 11.9 | 8.82 | 7.91 | 2.09 | 1.53 | 1.45 | 1.56 |
| 8 | 1.76 | 4.25 | 8.17 | 10.6 | 13.0 | 11.7 | 8.89 | 10.1 | 2.23 | 1.53 | 1.36 | 1.67 |
| 9 | 1.74 | 4.47 | 8.32 | 13.1 | 12.8 | 11.7 | 8.78 | 7.94 | 2.29 | 1.49 | 1.27 | 1.79 |
| 10 | 1.76 | 4.89 | 8.49 | 11.4 | 12.8 | 11.6 | 8.97 | 7.79 | 2.31 | 1.44 | 1.21 | 1.94 |
| 11 | 1.80 | 3.98 | 8.64 | 10.6 | 13.6 | 11.6 | 8.81 | 7.23 | 3.12 | 1.42 | 1.16 | 2.08 |
| 12 | 1.77 | 4.52 | 8.82 | 10.7 | 13.5 | 11.3 | 8.29 | 6.89 | 2.87 | 1.39 | 1.37 | 2.15 |
| 13 | 1.69 | 4.74 | 8.87 | 11.6 | 12.6 | 11.5 | 7.99 | 6.43 | 2.91 | 1.37 | 0.92 | 2.06 |
| 14 | 1.70 | 4.93 | 8.81 | 11.4 | 12.4 | 11.5 | 7.82 | 5.78 | 3.54 | 1.37 | 0.89 | 1.97 |
| 15 | 1.66 | 4.68 | 7.14 | 11.1 | 12.3 | 11.3 | 7.79 | 6.26 | 2.29 | 1.36 | 0.90 | 1.86 |
| 16 | 1.67 | 4.64 | 7.83 | 10.5 | 12.3 | 11.2 | 6.89 | 6.42 | 2.25 | 1.42 | 1.03 | 1.78 |
| 17 | 1.64 | 4.71 | 7.87 | 10.2 | 43.2 | 11.2 | 6.81 | 6.34 | 2.16 | 1.46 | 1.13 | 1.67 |
| 18 | 1.62 | 4.83 | 7.70 | 9.98 | 208 | 11.2 | 6.39 | 6.08 | 2.19 | 1.53 | 1.26 | 1.57 |
| 19 | 1.55 | 5.14 | 7.67 | 9.21 | 83.3 | 10.8 | 6.13 | 5.77 | 2.13 | 1.46 | 1.37 | 1.48 |
| 20 | 1.56 | 5.18 | 7.39 | 27.0 | 32.2 | 11.0 | 6.03 | 5.24 | e2.06 | 1.50 | 1.49 | 1.45 |
| 21 | 1.57 | 5.44 | 7.45 | 43.3 | 21.4 | 11.3 | 5.54 | 4.42 | 1.93 | 1.50 | 1.66 | 1.43 |
| 22 | 1.42 | 6.00 | 141 | 45.0 | 18.1 | 11.4 | 5.39 | 4.10 | 1.85 | 1.55 | 1.73 | 1.40 |
| 23 | 1.45 | 6.12 | 26.7 | 1,020 | 16.5 | 11.3 | 5.82 | 3.71 | 1.76 | 1.64 | 1.60 | 1.38 |
| 24 | 1.54 | 6.33 | 319 | 509 | 15.1 | 11.3 | 6.18 | 3.42 | 1.71 | 1.70 | 1.52 | 1.33 |
| 25 | 1.54 | 6.62 | 58.2 | 115 | 14.5 | 11.1 | 6.80 | 3.31 | 1.78 | 1.71 | 1.41 | 1.31 |
| 26 | 1.79 | 6.69 | 27.2 | 40.6 | 14.9 | 11.6 | 6.97 | 3.34 | 1.77 | 1.73 | 1.31 | 1.29 |
| 27 | 1.92 | 6.98 | 21.3 | 27.4 | 14.5 | 11.0 | 7.15 | 3.27 | 1.74 | 1.74 | 1.21 | 1.31 |
| 28 | 1.90 | 6.97 | 18.1 | 21.8 | 14.4 | 10.3 | 7.06 | 4.98 | 1.75 | 1.72 | 1.14 | 1.37 |
| 29 | 2.49 | 7.09 | 17.0 | 18.6 | --- | 9.79 | 6.93 | 3.25 | 1.74 | 1.67 | 1.08 | 1.39 |
| 30 | 2.85 | 7.31 | 16.8 | 17.0 | --- | 9.44 | 7.07 | 3.07 | 1.72 | 1.71 | 1.11 | 1.43 |
| 31 | 3.09 | --- | 18.7 | 15.8 | --- | 9.64 | --- | 3.24 | --- | 1.70 | 1.19 | --- |
| TOTAL (CFS - DAYS) | 55.4 | 151.6 | 831 | 2141 | 708 | 356 | 231 | 176.2 | 66.2 | 48.7 | 42.3 | 46.8 |
| ACRE-FEET | 110 | 301 | 1,648 | 4,246 | 1,403 | 706 | 459 | 349 | 131 | 96.6 | 83.8 | 92.8 |

WATER YEAR TOTAL = 9,626 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 2016-17

WATER YEAR 2016-17

| DAY | OCT | NOV | DEC | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP |
|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| 1 | 0.00 | 0.00 | 0.04 | 74.3 | 0.43 | 0.38 | 0.28 | 0.15 | 0.04 | 0.00 | 0.00 | 0.00 |
| 2 | 0.00 | 0.00 | 0.06 | 1.31 | 0.44 | 0.38 | 0.28 | 0.14 | 0.03 | 0.00 | 0.35 | 0.00 |
| 3 | 0.00 | 0.00 | 0.06 | 0.29 | 0.44 | 0.42 | 0.27 | 0.13 | 0.02 | 0.00 | 21.8 | 0.00 |
| 4 | 0.00 | 0.00 | 0.06 | 0.24 | 0.44 | 0.42 | 0.25 | 0.12 | 0.01 | 0.00 | 0.17 | 0.00 |
| 5 | 0.00 | 0.00 | 0.08 | 0.24 | 0.43 | 0.42 | 0.28 | 0.11 | 0.01 | 0.00 | 0.00 | 0.00 |
| 6 | 0.00 | 0.00 | 0.09 | 0.18 | 0.43 | 0.35 | 0.29 | 0.11 | 0.01 | 0.00 | 0.00 | 0.00 |
| 7 | 0.00 | 0.00 | 0.10 | 0.19 | 0.42 | 0.36 | 0.29 | 0.13 | 0.01 | 0.00 | 0.00 | 0.00 |
| 8 | 0.00 | 0.00 | 0.10 | 0.20 | 0.39 | 0.37 | 0.28 | 0.15 | 0.01 | 0.00 | 0.00 | 0.00 |
| 9 | 0.00 | 0.00 | 0.11 | 0.22 | 0.38 | 0.38 | 0.27 | 0.15 | 0.01 | 0.00 | 0.00 | 0.00 |
| 10 | 0.00 | 0.00 | 0.12 | 0.23 | 0.38 | 0.39 | 0.29 | 0.14 | 0.01 | 0.00 | 0.00 | 0.00 |
| 11 | 0.00 | 0.00 | 0.13 | 0.21 | 0.38 | 0.38 | 0.30 | 0.14 | 0.01 | 0.00 | 0.00 | 0.00 |
| 12 | 0.00 | 0.00 | 0.13 | 0.23 | 0.35 | 0.35 | 0.28 | 0.13 | 0.01 | 0.00 | 0.00 | 0.00 |
| 13 | 0.00 | 0.00 | 0.13 | 0.75 | 0.33 | 0.34 | 0.27 | 0.12 | 0.01 | 0.00 | 0.00 | 0.00 |
| 14 | 0.00 | 0.00 | 0.14 | 0.51 | 0.33 | 0.34 | 0.27 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15 | 0.00 | 0.00 | 0.14 | 0.32 | 0.32 | 0.32 | 0.26 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16 | 0.00 | 0.00 | 0.16 | 0.29 | 0.34 | 0.30 | 0.25 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17 | 0.00 | 0.00 | 0.15 | 0.26 | 0.38 | 0.30 | 0.22 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18 | 0.00 | 0.00 | 0.15 | 0.27 | 0.88 | 0.30 | 0.22 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19 | 0.00 | 0.00 | 0.16 | 0.39 | 0.56 | 0.28 | 0.20 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20 | 0.00 | 0.00 | 0.18 | 0.45 | 0.43 | 0.29 | 0.19 | 0.12 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21 | 0.00 | 0.00 | 0.21 | 0.48 | 0.41 | 0.28 | 0.19 | 0.11 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22 | 0.00 | 0.00 | 1.15 | 0.46 | 0.42 | 0.29 | 0.19 | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23 | 0.00 | 0.01 | 0.47 | 0.56 | 0.38 | 0.28 | 0.18 | 0.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24 | 0.00 | 0.01 | 0.48 | 0.38 | 0.38 | 0.27 | 0.16 | 0.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 25 | 0.00 | 0.01 | 0.34 | 0.34 | 0.39 | 0.29 | 0.16 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| 26 | 0.00 | 0.02 | 0.31 | 0.34 | 0.46 | 0.29 | 0.16 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27 | 0.00 | 0.02 | 0.31 | 0.32 | 0.45 | 0.29 | 0.17 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| 28 | 0.00 | 0.03 | 0.34 | 0.34 | 0.43 | 0.27 | 0.16 | 0.05 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29 | 0.00 | 0.03 | 0.36 | 0.38 | --- | 0.28 | 0.15 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30 | 0.00 | 0.03 | 0.38 | 0.42 | --- | 0.30 | 0.16 | 0.03 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31 | 0.00 | --- | 0.68 | 0.43 | --- | 0.28 | --- | 0.04 | --- | 0.00 | 0.00 | --- |

| | | | | | | | | | | | | |
|-------------|-----|------|------|------|------|------|------|------|------|------|------|------|
| TOTAL (CFS) | 0.0 | 0.16 | 7.32 | 85.5 | 11.8 | 10.2 | 6.92 | 3.21 | 0.19 | 0.00 | 22.3 | 0.00 |
| ACRE-FEET | 0.0 | 0.32 | 14.5 | 170 | 23.4 | 20.2 | 13.7 | 6.37 | 0.38 | 0.00 | 44.3 | 0.00 |

WATER YEAR TOTAL = 293 AC-FT

BARSTOW

NOAA STATION NO. W04-0521-07

WATER YEAR 2016-17

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 28, 2018

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

ESTE SUBAREA

| TRANSFEROR | TRANSFER AMOUNT | | | | | | TRANSFeree |
|--|--|-----------------------------------|-----------------------------|--|---|---|---------------------------------------|
| | BASE ANNUAL PRODUCTION ¹ | 2015-16 CARRYOVER ² | 2016-17 FPA ³ | 2015-16 CARRYOVER IN LIEU OF REPLACEMENT ⁴ | 2015-16 CARRYOVER IN LIEU OF MAKEUP ⁵ | 2016-17 FPA IN LIEU OF MAKEUP ⁶ | |
| AHN, CHUN SOO AND DAVID | | | | 31 | | | AHN REVOCABLE LIVING TRUST |
| AHN, CHUN SOO AND DAVID | | | | 26 | | | OASIS WORLD MISSION |
| AVILA, ANGEL AND EVALIA | | | 30 | | | | CHUNG, ET AL. |
| CLUB VIEW PARTNERS | | | | 26 | | | SAN BERNARDINO COUNTY SERVICE AREA 29 |
| JUBILEE MUTUAL WATER COMPANY | | | | 4 | | | JUNIPER RIVIERA COUNTY WATER DISTRICT |
| JUBILEE MUTUAL WATER COMPANY | | 6 | | | | | JUNIPER RIVIERA COUNTY WATER DISTRICT |
| M.B. LANDSCAPING AND NURSERY, INC. | | | | 71 | | | WEISER, ET AL. |
| MITSUBISHI CEMENT CORPORATION | | | | 77 | | | ROBERTSON'S READY MIX |
| SEALS TIBBETT, ET AL. | 33 | | | | | | LEE, ANNA K. AND ESHBAN K. |
| THE CUSHENBURY TRUST, C/O SPECIALTY MINERALS, INC. | | | | 4 | | | SPECIALTY MINERALS, INC. |
| WEST END MUTUAL WATER COMPANY | | | | 6 | | | DESERT DAWN MUTUAL WATER COMPANY |
| TOTAL | 33 | 6 | 30 | 245 | 0 | 0 | |

APPENDIX E

MARCH 28, 2018

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

OESTE SUBAREA

| TRANSFEROR | TRANSFER AMOUNT | | | | | | TRANSFeree |
|--|--|-----------------------------------|-----------------------------|--|---|---|--------------------------|
| | BASE ANNUAL PRODUCTION ¹ | 2015-16 CARRYOVER ² | 2016-17 FPA ³ | 2015-16 CARRYOVER IN LIEU OF REPLACEMENT ⁴ | 2015-16 CARRYOVER IN LIEU OF MAKEUP ⁵ | 2016-17 FPA IN LIEU OF MAKEUP ⁶ | |
| AEROCHEM, INC. | | | | 528 | | | HETTINGA, HEIN AND ELLEN |
| AEROCHEM, INC. | | | 500 | | | | HETTINGA, HEIN AND ELLEN |
| CHAMISAL MUTUAL WATER COMPANY | | | | 77 | | | HETTINGA, HEIN AND ELLEN |
| CHAMISAL MUTUAL WATER COMPANY | | | 37 | | | | HETTINGA, HEIN AND ELLEN |
| THORESON, ROBERT F. AND KATHLEEN | | | | 13 | | | HETTINGA, HEIN AND ELLEN |
| THORESON-SLATTERY REVOCABLE LIVING TRUST | 40 | | | | | | HETTINGA, HEIN AND ELLEN |
| THORESON-SLATTERY REVOCABLE LIVING TRUST | | 19 | | | | | HETTINGA, HEIN AND ELLEN |
| TOTAL | 40 | 19 | 537 | 618 | 0 | 0 | |

APPENDIX E

MARCH 28, 2018

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

ALTO SUBAREA

| TRANSFEROR | TRANSFER AMOUNT | | | | | | TRANSFeree |
|---|--|-----------------------------------|-----------------------------|--|---|---|---|
| | BASE ANNUAL PRODUCTION ¹ | 2015-16 CARRYOVER ² | 2016-17 FPA ³ | 2015-16 CARRYOVER IN LIEU OF REPLACEMENT ⁴ | 2015-16 CARRYOVER IN LIEU OF MAKEUP ⁵ | 2016-17 FPA IN LIEU OF MAKEUP ⁶ | |
| ABBOTT, CARRON | 12 | | | | | | HESPERIA WATER DISTRICT |
| ABBOTT, CARRON | | 10 | | | | | HESPERIA WATER DISTRICT |
| ADES, JOHN AND DEVON | | | | 30 | | | HESPERIA WATER DISTRICT |
| AGCON, INC. | | 77 | | | | | LANGLEY, JAMES - INDUSTRIAL |
| AMERICAN STATES WATER COMPANY | | 293 | | | | | GOLDEN STATE WATER COMPANY |
| AMERICAN STATES WATER COMPANY | | | | 303 | | | GOLDEN STATE WATER COMPANY |
| APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT | | | | 24 | | | APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT |
| AQUA CAPITAL MANAGEMENT, LP-AGRICULTURE | | | 862 | | | | AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL |
| AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL | | | 508 | | | | ADELANTO, CITY OF |
| AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL | | | | 11 | | | ADELANTO, CITY OF |
| AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL | | | 250 | | | | ADELANTO, CITY OF |
| BASS TRUST, NEWTON T. | | | | 90 | | | HESPERIA WATER DISTRICT |
| BASS TRUST, NEWTON T. | | | | 36 | | | SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CEN |
| BASS TRUST, NEWTON T. | | | | 284 | | | SAN BERNARDINO COUNTY SERVICE AREA 70J |
| BASTIANON REVOCABLE TRUST | | | | 61 | | | ADELANTO, CITY OF |
| BEINSCHROTH FAMILY TRUST | | | | 55 | | | MARIANA RANCHOS COUNTY WATER DISTRICT |
| BEINSCHROTH FAMILY TRUST | | | | 50 | | | THUNDERBIRD COUNTY WATER DISTRICT |
| BEINSCHROTH FAMILY TRUST | | | | 509 | | | VICTORVILLE WATER DISTRICT, ID#1 |
| BROWN, BOBBY G. AND VALERIA R. | | | | 30 | | | SPRING VALLEY LAKE ASSOCIATION |
| BROWN, JENNIFER | | | | 28 | | | VICTORVILLE WATER DISTRICT, ID#1 |
| BRYANT, IAN | | | | 24 | | | VICTORVILLE WATER DISTRICT, ID#1 |
| BUNNELL, DICK | | | | 18 | | | ADELANTO, CITY OF |
| CALMAT COMPANY | | 11 | | | | | AQUA CAPITAL MANAGEMENT, LP-INDUSTRIAL |
| CALPORTLAND COMPANY - AGRICULTURE | | 419 | | | | | LANGLEY, JAMES |
| CALPORTLAND COMPANY - ORO GRANDE PLANT | | 1,382 | | | | | LANGLEY, JAMES - INDUSTRIAL |
| CUNNINGHAM, JERRY | | 3 | | | | | HESPERIA WATER DISTRICT |
| CUNNINGHAM, JERRY | 4 | | | | | | HESPERIA WATER DISTRICT |
| CUNNINGHAM, JERRY | | 9 | | | | | HESPERIA WATER DISTRICT |
| DOLCH, ROBERT AND JUDY | | | | 76 | | | ADELANTO, CITY OF |
| DORA LAND, INC. | | 12 | | | | | APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT |
| FEDERAL BUREAU OF PRISONS, VICTORVILLE | | | 412 | | | | VICTORVILLE WATER DISTRICT, ID#1 |
| FISCHER REVOCABLE LIVING TRUST | | | | 28 | | | ADELANTO, CITY OF |
| FISHER TRUST, JEROME R. | | | | 507 | | | ADELANTO, CITY OF |
| FRAZIER, ET AL. | | | | 40 | | | ADELANTO, CITY OF |

APPENDIX E

MARCH 28, 2018

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

ALTO SUBAREA

| | TRANSFER AMOUNT | | | | | | |
|---|--|-----------------------------------|-----------------------------|--|---|---|---|
| TRANSFEROR | BASE ANNUAL PRODUCTION ¹ | 2015-16 CARRYOVER ² | 2016-17 FPA ³ | 2015-16 CARRYOVER IN LIEU OF REPLACEMENT ⁴ | 2015-16 CARRYOVER IN LIEU OF MAKEUP ⁵ | 2016-17 FPA IN LIEU OF MAKEUP ⁶ | TRANSFeree |
| HAAS, BRYAN C. AND HINKLE, MARY H. | | | | 8 | | | VICTOR VALLEY COMMUNITY COLLEGE DISTRICT |
| HALANNA EQUITIES III | | | | 8 | | | HESPERIA WATER DISTRICT |
| HAMILTON FAMILY TRUST | | 75 | | | | | JAMBOREE HOUSING CORPORATION |
| HELENDALE COMMUNITY SERVICES DISTRICT | | | | 494 | | | VICTORVILLE WATER DISTRICT, ID#1 |
| HESPERIA, CITY OF | | | | 4,042 | | | HESPERIA WATER DISTRICT |
| HI-GRADE MATERIALS COMPANY | | 76 | | | | | 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 | | | | 574 | | | VICTORVILLE WATER DISTRICT, ID#1 |
| JESS RANCH WATER COMPANY | | | | 2,226 | | | VICTORVILLE WATER DISTRICT, ID#2 |
| JOHNSON, RONALD | | 25 | | | | | HESPERIA WATER DISTRICT |
| JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W. | | 37 | | | | | LANGLEY, JAMES |
| JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W. | | 63 | | | | | LANGLEY, JAMES |
| KEMPER CAMPBELL RANCH | | 58 | | | | | LANGLEY, JAMES |
| LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT | | | | 527 | | | VICTORVILLE WATER DISTRICT, ID#1 |
| LANGLEY, JAMES | | | | 512 | | | CDFW - MOJAVE NARROWS REGIONAL PARK |
| LANGLEY, JAMES | | | | 19 | | | PHAM, ET AL. |
| LANGLEY, JAMES | | | | 120 | | | SPRING VALLEY LAKE COUNTRY CLUB |
| LANGLEY, JAMES | | | | 37 | | | SPRING VALLEY LAKE COUNTRY CLUB |
| LANGLEY, JAMES | | | | 68 | | | VICTOR VALLEY MEMORIAL PARK |
| LANGLEY, JAMES - INDUSTRIAL | | | | 407 | | | CEMEX, INC. |
| LANGLEY, JAMES - INDUSTRIAL | | 212 | | | | | HESPERIA WATER DISTRICT |
| LANGLEY, JAMES - INDUSTRIAL | | | | 42 | | | HESPERIA WATER DISTRICT |
| LANGLEY, JAMES - INDUSTRIAL | | 770 | | | | | SAN BERNARDINO COUNTY SERVICE AREA 64 |
| LANGLEY, JAMES - INDUSTRIAL | | 100 | | | | | SPRING VALLEY LAKE COUNTRY CLUB |
| LANGLEY, JAMES - INDUSTRIAL | | | | 4 | | | SPRING VALLEY LAKE COUNTRY CLUB |
| LAWSON, ERNEST AND BARBARA | | | | 1 | | | APPLE VALLEY VIEW MUTUAL WATER COMPANY |
| LAWSON, ERNEST AND BARBARA | | | | 1 | | | PERRY REVOCABLE LIVING TRUST, THOMAS AND PATRICIA |
| LAWSON, ERNEST AND BARBARA | | | | 9 | | | VICTOR VALLEY COMMUNITY COLLEGE DISTRICT |
| LHC ALLIGATOR, LLC | | | | 49 | | | HESPERIA - GOLF COURSE, CITY OF |
| LHC ALLIGATOR, LLC | | | | 131 | | | HESPERIA WATER DISTRICT |
| LHC ALLIGATOR, LLC | | 219 | | | | | HESPERIA WATER DISTRICT |
| LOUNSBURY, CAROLYN JOY | 181 | | | | | | HESPERIA WATER DISTRICT |

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

| TRANSFEROR | TRANSFER AMOUNT | | | | | | TRANSFeree |
|---|--|-----------------------------------|-----------------------------|--|---|---|--|
| | BASE ANNUAL PRODUCTION ¹ | 2015-16 CARRYOVER ² | 2016-17 FPA ³ | 2015-16 CARRYOVER IN LIEU OF REPLACEMENT ⁴ | 2015-16 CARRYOVER IN LIEU OF MAKEUP ⁵ | 2016-17 FPA IN LIEU OF MAKEUP ⁶ | |
| LOUNSBURY, CAROLYN JOY | | 145 | | | | | HESPERIA WATER DISTRICT |
| LOW, DEAN | | | | 160 | | | SAN BERNARDINO COUNTY SERVICE AREA 70J |
| LUCKEY 2010 REVOCABLE TRUST | | | | 239 | | | ADELANTO, CITY OF |
| MCKINNEY, PAULA | | 27 | | | | | HESPERIA WATER DISTRICT |
| MLH, LLC | | 3 | | | | | 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 |
| RUE RANCH | | 13 | | | | | LANGLEY, JAMES |
| SAN BERNARDINO COUNTY SERVICE AREA 42 | | 145 | | | | | SAN BERNARDINO COUNTY SERVICE AREA 70J |
| SAN BERNARDINO COUNTY SERVICE AREA 42 | | | | 69 | | | SAN BERNARDINO COUNTY SERVICE AREA 70J |
| SAN BERNARDINO COUNTY SERVICE AREA 64 | | 770 | | | | | SAN BERNARDINO COUNTY SERVICE AREA 70J |
| SAPP, ROBERT D. AND LEE, TERESA J. | | | | 27 | | | ADELANTO, CITY OF |
| SCRAY, MICHELLE A. TRUST | | 11 | | | | | LANGLEY, JAMES |
| STORM, RANDALL | | | | 50 | | | VICTOR VALLEY COMMUNITY COLLEGE DISTRICT |
| SUDMEIER, GLENN W. | | 15 | | | | | LANGLEY, JAMES |
| SUMMIT VALLEY RANCH, LLC | | | | 38 | | | HESPERIA WATER DISTRICT |
| THOMPSON LIVING TRUST, JAMES A. AND SULA B. | | | | 160 | | | SPRING VALLEY LAKE ASSOCIATION |
| THOMPSON LIVING TRUST, JAMES A. AND SULA B. | | | | 170 | | | VICTOR VALLEY COMMUNITY COLLEGE DISTRICT |
| THOMPSON LIVING TRUST, R.L. AND R.A. | | | | 6 | | | VICTOR VALLEY COMMUNITY COLLEGE DISTRICT |
| THRASHER, GARY | | | | 171 | | | VICTORVILLE WATER DISTRICT, ID#1 |
| VANHOOPS HOLDINGS, LP | | | | 288 | | | SPRING VALLEY LAKE ASSOCIATION |
| VOGLER, ALBERT H. AND RITA K. | | | | 49 | | | VICTORVILLE WATER DISTRICT, ID#1 |
| WAGNER FAMILY TRUST | | | | 980 | | | VICTORVILLE WATER DISTRICT, ID#1 |
| WARD, KEN AND BARBARA | | 22 | | | | | LANGLEY, JAMES |
| WEST, HOWARD AND SUZY | | 58 | | | | | LANGLEY, JAMES |
| WEST, JIMMIE E. | | | | 7 | | | SPRING VALLEY LAKE ASSOCIATION |
| WESTERN RIVERS CONSERVANCY | | | | 7 | | | VICTORVILLE WATER DISTRICT, ID#1 |
| WYATT FAMILY TRUST | | 56 | | | | | LANGLEY, JAMES |
| TOTAL | 197 | 5,237 | 2,032 | 13,940 | 0 | 0 | |

APPENDIX E

MARCH 28, 2018

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 ¹ | 2015-16 CARRYOVER ² | 2016-17 FPA ³ | 2015-16 CARRYOVER IN LIEU OF REPLACEMENT ⁴ | 2015-16 CARRYOVER IN LIEU OF MAKEUP ⁵ | 2016-17 FPA IN LIEU OF MAKEUP ⁶ | |
| APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT | | | | | 8 | | APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT |
| APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT | | | | | 7 | | 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 | | | | | 7 | | THUNDERBIRD COUNTY WATER DISTRICT |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 304 | | ADELANTO, CITY OF |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 40 | | APPLE VALLEY, TOWN OF |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 3 | | BEINSCHROTH FAMILY TRUST |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 1 | | DOLCH, ROBERT AND JUDY |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 118 | | HELENDALE COMMUNITY SERVICES DISTRICT |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 3 | | JOHNSON, CARLEAN |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 22 | | PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 1 | | SAPP, ROBERT D. AND LEE, TERESA J. |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 214 | | SPRING VALLEY LAKE ASSOCIATION |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 1 | | THOMPSON LIVING TRUST, JAMES A. AND SULA B. |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 1 | | THOMPSON LIVING TRUST, R.L. AND R.A. |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 3 | | THRASHER, GARY |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 13 | | VICTOR VALLEY COMMUNITY COLLEGE DISTRICT |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 543 | | VICTORVILLE WATER DISTRICT, ID#1 |
| AQUA CAPITAL MANAGEMENT, LP | | | | | 158 | | VICTORVILLE WATER DISTRICT, ID#2 |
| ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY | | | | | 53 | | SPRING VALLEY LAKE COUNTRY CLUB |
| ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY | | | | | 3 | | WARD, KEN AND BARBARA |
| BROMMER FAMILY TRUST | | | | | 14 | | MARIANA RANCHOS COUNTY WATER DISTRICT |
| BROMMER FAMILY TRUST | | | | | 3 | | NAVAJO MUTUAL WATER COMPANY |
| BROMMER FAMILY TRUST | | | | | 7 | | RANCHERITOS MUTUAL WATER COMPANY |
| BROMMER FAMILY TRUST | | | | | | 3 | RANCHERITOS MUTUAL WATER COMPANY |
| BROMMER FAMILY TRUST | | | | | | 6 | SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CEN |
| BROMMER FAMILY TRUST | | | | | | 6 | SAN BERNARDINO COUNTY SERVICE AREA 42 |
| BROMMER FAMILY TRUST | | | | | | 215 | SAN BERNARDINO COUNTY SERVICE AREA 64 |
| BROMMER FAMILY TRUST | | | | | | 59 | SAN BERNARDINO COUNTY SERVICE AREA 70J |
| BROMMER FAMILY TRUST | | | | | 265 | | SILVER LAKES ASSOCIATION |
| CONTRATTO, ERSULA | | | | | 101 | | HESPERIA WATER DISTRICT |
| DORRANCE, DAVID W. AND TAMELA L. | | | | | | 16 | CEMEX, INC. |
| FRATES, D. COLE | | | | | | 11 | CEMEX, INC. |
| GOLDEN STATE WATER COMPANY | | | | | 51 | | GOLDEN STATE WATER COMPANY |

APPENDIX E

MARCH 28, 2018

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

CENTRO SUBAREA

| TRANSFEROR | TRANSFER AMOUNT | | | | | | TRANSFEEEE |
|--|--|-----------------------------------|-----------------------------|--|---|---|--|
| | BASE ANNUAL PRODUCTION ¹ | 2015-16 CARRYOVER ² | 2016-17 FPA ³ | 2015-16 CARRYOVER IN LIEU OF REPLACEMENT ⁴ | 2015-16 CARRYOVER IN LIEU OF MAKEUP ⁵ | 2016-17 FPA IN LIEU OF MAKEUP ⁶ | |
| GOLDEN STATE WATER COMPANY | | 800 | | | | | HUERTA, HECTOR |
| GOLDEN STATE WATER COMPANY | | | | | 97 | | JESS RANCH WATER COMPANY |
| GOLDEN STATE WATER COMPANY | | | | | 178 | | LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR |
| GOLDEN STATE WATER COMPANY | | | | | 38 | | SAN BERNARDINO COUNTY SERVICE AREA 70J |
| GOLDEN STATE WATER COMPANY | | 1,600 | | | | | VERNOLA TRUST, PAT AND MARY ANN |
| HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH | | | | | | 14 | AGCON, INC. |
| HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH | | | | | | 28 | CALPORTLAND COMPANY - ORO GRANDE PLANT |
| HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH | | | | | 114 | | CDFW - MOJAVE NARROWS REGIONAL PARK |
| HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH | | | | | | 34 | CEMEX, INC. |
| HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH | | | | | | 2 | HI-GRADE MATERIALS COMPANY |
| HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH | | | | | | 21 | KEMPER CAMPBELL RANCH |
| HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH | | | | | 8 | | KEMPER CAMPBELL RANCH |
| HELENDALE COMMUNITY SERVICES DISTRICT | | | | | | 16 | HELENDALE COMMUNITY SERVICES DISTRICT |
| HILL FAMILY TRUST AND HILL'S RANCH, INC. | | | | | 274 | | LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR |
| JORDAN FAMILY TRUST | | | | | 307 | | HESPERIA WATER DISTRICT |
| KIM, JIN S. AND HYUN H. | | | | | 152 | | HESPERIA WATER DISTRICT |
| SOPPELAND REVOCABLE TRUST | | | | 11 | | | BARSTOW COMMUNITY DEVELOPERS, LLC |
| SOPPELAND REVOCABLE TRUST | | | | | 37 | | HESPERIA - GOLF COURSE, CITY OF |
| SOPPELAND REVOCABLE TRUST | | | | | 37 | | HESPERIA WATER DISTRICT |
| SOPPELAND REVOCABLE TRUST | | | | | | 179 | HESPERIA WATER DISTRICT |
| SOPPELAND REVOCABLE TRUST | | | | | 274 | | LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR |
| SOPPELAND REVOCABLE TRUST | | | | 24 | | | NURSERY PRODUCTS LLC |
| VAN DAM REVOCABLE TRUST, E AND S | | | | 385 | | | GRILL, NICHOLAS P. AND MILLIE D. |
| VICTORVILLE WATER DISTRICT, ID#1 | | | | | | 637 | VICTORVILLE WATER DISTRICT, ID#1 |
| VICTORVILLE WATER DISTRICT, ID#1 | | | | | 161 | | VICTORVILLE WATER DISTRICT, ID#1 |
| WERNER, ANDREW J. | | | | | | 15 | CEMEX, INC. |
| WESTERN DEVELOPMENT AND STORAGE, LLC | | | | | | 5 | CEMEX, INC. |
| TOTAL | 0 | 2,400 | 0 | 420 | 3,623 | 1,267 | |

APPENDIX E

MARCH 28, 2018

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

BAJA SUBAREA

| TRANSFEROR | TRANSFER AMOUNT | | | | | | TRANSFeree |
|--|--|-----------------------------------|-----------------------------|--|---|---|---|
| | BASE ANNUAL PRODUCTION ¹ | 2015-16 CARRYOVER ² | 2016-17 FPA ³ | 2015-16 CARRYOVER IN LIEU OF REPLACEMENT ⁴ | 2015-16 CARRYOVER IN LIEU OF MAKEUP ⁵ | 2016-17 FPA IN LIEU OF MAKEUP ⁶ | |
| ARCHIBEK, ERIC | | 236 | | | | | KASNER, ROBERT |
| BOWMAN FAMILY TRUST | | 6 | | | | | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION |
| BOWMAN FAMILY TRUST | 11 | | | | | | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION |
| BUSH, KEVIN | | 55 | | | | | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION |
| BUSH, KEVIN | 110 | | | | | | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION |
| CRANDALL, ESTHER | 5 | | | | | | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION |
| CRANDALL, ESTHER | | 3 | | | | | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION |
| D'SILVA, MELANIE | 54 | | | | | | POZZATO PARTNERS, LIMITED |
| GARG, OM P. | | 81 | | | | | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION |
| GENON ENERGY, INC. | | 300 | | | | | DE JONG FAMILY TRUST |
| GENON ENERGY, INC. | | 2,000 | | | | | KASNER, ROBERT |
| GENON ENERGY, INC. | | 700 | | | | | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION |
| HASS, PAULINE L. | | 17 | | | | | DE JONG FAMILY TRUST |
| HILARIDES 1998 REVOCABLE FAMILY TRUST | | 151 | | | | | HACKBARTH, EDWARD E. |
| HORTON, JOHN | | | | 80 | | | HORTON'S CHILDREN'S TRUST |
| HUTCHISON TRUST, WILLIAM O. | | 102 | | | | | IM, NICHOLAS NAK-KYUN |
| HUTCHISON TRUST, WILLIAM O. | | | | 27 | | | IM, NICHOLAS NAK-KYUN |
| HUTCHISON TRUST, WILLIAM O. | 368 | | | | | | LAKE WAINANI OWNERS ASSOCIATION |
| HUTCHISON TRUST, WILLIAM O. | | | | 50 | | | SMITH, DENISE DBA AMEREQUINE BEAUTY, INC |
| HYATT, JAMES AND BRENDA | | | | 19 | | | SMITH, DENISE DBA AMEREQUINE BEAUTY, INC |
| JACKSON, JAMES N. JR REVOCABLE LIVING TRUST | | 10 | | | | | IRVIN, BERTRAND W. |
| JACKSON, RAY REVOCABLE TRUST NO. 45801 | 19 | | | | | | EVERT FAMILY TRUST |
| JOHNSON, JAMES R. AND ELLEN | | 105 | | | | | DE JONG FAMILY TRUST |
| KASNER FAMILY LIMITED PARTNERSHIP | | | | 247 | | | KASNER, ROBERT |
| KASNER FAMILY LIMITED PARTNERSHIP | 658 | | | | | | WESTERN HORIZON ASSOCIATES, INC. |
| KASNER, ROBERT | | | | 305 | | | BROWN, RONALD A. |
| KIM, JOON HO AND MAL BOON REVOCABLE TRUST | | 79 | | | | | DE JONG FAMILY TRUST |
| LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR | | 51 | | | | | LAKE JODIE PROPERTY OWNERS ASSOCIATION |
| MORRIS TRUST, JULIA V. | | 152 | | | | | DE JONG FAMILY TRUST |
| NEW SPRINGS LIMITED PARTNERSHIP | | | 200 | | | | ST. ANTONY COPTIC ORTHODOX MONASTERY |
| NEW SPRINGS LIMITED PARTNERSHIP | | | | 49 | | | VAN BASTELAAR, ALPHONSE |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 18 | | | | | | CHEYENNE LAKE, INC. |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | | 18 | | | | | CHEYENNE LAKE, INC. |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 18 | | | | | | CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION |

APPENDIX E

MARCH 28, 2018

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

BAJA SUBAREA

| TRANSFEROR | TRANSFER AMOUNT | | | | | | TRANSFEE |
|---|--|-----------------------------------|-----------------------------|--|---|---|---|
| | BASE ANNUAL PRODUCTION ¹ | 2015-16 CARRYOVER ² | 2016-17 FPA ³ | 2015-16 CARRYOVER IN LIEU OF REPLACEMENT ⁴ | 2015-16 CARRYOVER IN LIEU OF MAKEUP ⁵ | 2016-17 FPA IN LIEU OF MAKEUP ⁶ | |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | | 232 | | | | | CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 18 | | | | | | LAKE JODIE PROPERTY OWNERS ASSOCIATION |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | | 203 | | | | | LAKE JODIE PROPERTY OWNERS ASSOCIATION |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 2 | | | | | | LAKE WAINANI OWNERS ASSOCIATION |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 18 | | | | | | O. F. D. L., INC. |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | | 68 | | | | | O. F. D. L., INC. |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 18 | | | | | | SUNDOWN LAKES, INC. |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | | 172 | | | | | SUNDOWN LAKES, INC. |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 18 | | | | | | WET SET, INC. |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | | 70 | | | | | WET SET, INC. |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 18 | | | | | | WLSR, INC. |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | | 84 | | | | | WLSR, INC. |
| SUNRAY ENERGY, INC. | 63 | | | | | | SUNRAY LAND COMPANY, LLC |
| SUNRAY ENERGY, INC. | | 32 | | | | | SUNRAY LAND COMPANY, LLC |
| TSUI, RICHARD | | 236 | | | | | ARCHIBEK, ERIC |
| WESTERN HORIZON ASSOCIATES, INC. | | | | 48 | | | DAGGETT COMMUNITY SERVICES DISTRICT |
| TOTAL | 1,416 | 5,163 | 200 | 825 | 0 | 0 | |
| TOTAL - ALL SUBAREAS | 1,686 | 12,825 | 2,799 | 16,048 | 3,623 | 1,267 | |

NOTES FOR APPENDIX E

- 1 TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT DURING 2016-17.
- 2 TRANSFERS OF 2015-16 CARRYOVER (UNUSED FPA) FOR USE DURING 2016-17.
- 3 TRANSFERS OF 2016-17 FREE PRODUCTION ALLOWANCE FOR USE DURING 2016-17.
- 4 2015-16 CARRYOVER IN LIEU OF REPLACEMENT TRANSFERS ARE MADE ONLY FOR SATISFACTION OF REPLACEMENT WATER OBLIGATIONS INCURRED DURING 2015-16.
- 5 2015-16 CARRYOVER IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2015-16.
- 6 2016-17 FPA IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2015-16.

APPENDIX F

BALANCES IN STORAGE AGREEMENTS

APPENDIX F

MARCH 28, 2018

STORAGE AGREEMENT ACCOUNTING AND BALANCES
2016-17 WATER YEAR
(ALL AMOUNTS IN ACRE-FEET)

| STORER | STORAGE AGREEMENT | | | | ACTIVITY | | | | BALANCE AS OF 9/30/17 |
|--|--------------------|--------------------|--------------------------------|-----------------------------------|---------------|---------------------|--------------------------|---------------|--------------------------|
| | INITIATION DATE | EXPIRATION DATE | MAXIMUM AMOUNT ¹ | AMOUNT STORED AS OF 10/1/16 | ADDITIONS | LOSSES ² | DISSIPATION ³ | EXTRACTIONS | |
| VICTORVILLE WATER DISTRICT, ID#1 - INJECTION | 05/23/2012 | 06/30/2022 | 13,000 | 3,253 | 0 | 0 | -31 | -1,227 | 1,995 |
| VICTORVILLE WATER DISTRICT, ID#1 - PERCOLATION | 07/27/2016 | 09/30/2018 | 0 | 2,755 | 6,598 | -198 | 0 | 0 | 9,155 |
| VICTORVILLE WATER DISTRICT, ID#1 TOTAL | | | 13,000 | 6,008 | 6,598 | -198 | -31 | -1,227 | 11,150 |
| MOJAVE WATER AGENCY - ALTO | 09/28/2016 | 09/28/2036 | 242,000 | 101,081 | 15,415 | -462 | 0 | -303 | 115,731 |
| MOJAVE WATER AGENCY - BAJA | 09/28/2016 | 09/28/2036 | 23,000 | 21,027 | 1,276 | -38 | 0 | -14 | 22,251 |
| MOJAVE WATER AGENCY - CENTRO | 09/28/2016 | 09/28/2036 | 35,000 | 20,876 | 1,989 | -60 | 0 | -24 | 22,781 |
| MOJAVE WATER AGENCY - ESTE | 09/28/2016 | 09/28/2036 | 7,000 | 1,341 | 0 | 0 | 0 | 0 | 1,341 |
| MOJAVE WATER AGENCY - OESTE | 09/28/2016 | 09/28/2036 | 7,000 | 0 | 0 | 0 | 0 | 0 | 0 |
| MOJAVE WATER AGENCY TOTAL | | | 314,000 | 144,325 | 18,680 | -560 | 0 | -341 | 162,104 |

NOTES:

- 1 VICTORVILLE WATER DISTRICT, ID#1 HAS A MAXIMUM STORAGE AMOUNT OF 13,000 ACRE-FEET COMBINED BETWEEN THE TWO STORAGE AGREEMENTS.
- 2 LOSSES INCLUDE SHRINKAGE, RECHARGE LOSSES AND MIGRATION LOSSES OR SPILLAGE AMOUNTS LOST TO BASIN DISCHARGE. LOSSES HAVE BEEN DETERMINED TO BE 3 PERCENT.
- 3 DISSIPATION INCLUDES GROUNDWATER DISSIPATED TO MOJAVE RIVER AS CALCULATED BY THE CALIFORNIA ENERGY COMMISSION AND REPORTED TO HIGH DESERT POWER PROJECT.

APPENDIX G

AUDITOR'S REPORT

AS OF JUNE 30, 2017



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

Annual Financial Report

For the Fiscal Years Ended June 30, 2017 and 2016



**Mojave Basin Area Watermaster
Annual Financial Report
For the Fiscal Years Ended June 30, 2017 and 2016**

Table of Contents

| | <u>Page No.</u> |
|--|------------------------|
| Table of Contents | i |
| Financial Section | |
| Independent Auditor's Report | 1-2 |
| Management's Discussion and Analysis | 3-6 |
| Basic Financial Statements: | |
| Statements of Net Position | 7 |
| Statements of Revenues, Expenses and Changes in Net Position | 8 |
| Statements of Cash Flows | 9-10 |
| Notes to the Basic Financial Statements | 11-20 |
| Report on Internal Controls and Compliance | |
| Independent Auditor's Report on Internal Control Over Financial Reporting And on Compliance and Other Matters Based on an Audits of Financial Statements Performed in Accordance with <i>Government Auditing Standards</i> | 21-22 |

Financial Section



Fedak & Brown LLP

Certified Public Accountants

Cypress Office:
6081 Orange Avenue
Cypress, California 90630
(657) 214-2307
FAX (714) 527-9154

Riverside Office:
4204 Riverwalk Pkwy. Ste. 390
Riverside, California 92505
(951) 977-9888

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 of the statements of net position as of June 30, 2017 and 2016, and the related statements of revenues, expenses and changes in net position, and cash flows for the years then ended, and the related notes to the financial statements, which collectively comprise the Watermaster's basic financial statements.

Management's Responsibility for the Financial Statements

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

Auditor's Responsibility

Our responsibility is to express an opinion on these basic financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Controller 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 controls 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 controls. 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, 2017 and 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

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 6 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 26, 2017, 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 21 and 22.



Fedak & Brown LLP

Cypress, California

October 26, 2017

Mojave Basin Area Watermaster
Management's Discussion and Analysis, continued
For the Fiscal Years Ended June 30, 2017 and 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 years ended June 30, 2017 and 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 2017, the Watermaster's net position increased 12.6% or \$142,833 to \$1,277,859 as a result of an increase from ongoing operations. 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 ongoing operations, offset by an increase of \$471,044 due to a transfer of net position to the Mojave Water Agency.
- In fiscal year 2017, the Watermaster's operating revenues increased 0.8% or \$4,540 to \$556,395 primarily due to increases of \$12,030 in administrative assessments and \$3,248 in make-up assessments, which were offset by a decrease of \$12,634 in replacement assessments. 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 replacement assessments as a result of water conservation efforts.
- In fiscal year 2017, the Watermaster's operating expenses decreased 22.5% or \$134,564 to \$463,091 primarily due to a decrease of \$167,879 in state water project importation charges, which was offset by an increase of \$33,315 in operating costs. 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 comparative 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 for the fiscal years 2017 and 2016.

Due to the comparative nature of this report, the following financial statements include information that reflects the current year and prior year. The Statement of Net Position includes 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.

Mojave Basin Area Watermaster
Management's Discussion and Analysis, continued
For the Fiscal Years Ended June 30, 2017 and 2016

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.

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 11 through 20.

Statements of Net Position

| Condensed Statements of Net Position | | | | | |
|---|---------------------|------------------|-----------------|------------------|--------------------|
| | 2017 | 2016 | Change | 2015 | Change |
| Assets: | | | | | |
| Current assets | \$ 1,407,225 | 1,346,242 | 60,983 | 3,617,659 | (2,271,417) |
| Total assets | <u>1,407,225</u> | <u>1,346,242</u> | <u>60,983</u> | <u>3,617,659</u> | <u>(2,271,417)</u> |
| Liabilities: | | | | | |
| Current liabilities | 129,366 | 211,216 | (81,850) | 2,862,384 | (2,651,168) |
| Total liabilities | <u>129,366</u> | <u>211,216</u> | <u>(81,850)</u> | <u>2,862,384</u> | <u>(2,651,168)</u> |
| Net position: | | | | | |
| Restricted for watermaster | 1,277,859 | 1,135,026 | 142,833 | 679,442 | 455,584 |
| Total net position | <u>\$ 1,277,859</u> | <u>1,135,026</u> | <u>142,833</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 \$1,277,859 and \$1,135,026 as of June 30, 2017 and 2016, respectively.

At the end of fiscal years 2017 and 2016, the Watermaster showed a restricted net position balance of \$1,277,859 and \$1,135,026, respectively, which is restricted for the Biological Resources Trust Fund, Watermaster administrative costs, replacement water and make-up water. The sources that feed each of these funds are dictated by the Judgment. Uses of these funds can only be used for the purpose stated in the Judgment.

Mojave Basin Area Watermaster
Management's Discussion and Analysis, continued
For the Fiscal Years Ended June 30, 2017 and 2016

Statements of Revenues, Expenses and Changes in Net Position

Condensed Statements of Revenues, Expenses and Changes in Net Position

| | <u>2017</u> | <u>2016</u> | <u>Change</u> | <u>2015</u> | <u>Change</u> |
|---|---------------------|------------------|------------------|------------------|--------------------|
| Revenue: | | | | | |
| Operating revenue | \$ 556,395 | 551,855 | 4,540 | 2,887,177 | (2,335,322) |
| Non-operating revenue | <u>62,749</u> | <u>74,453</u> | <u>(11,704)</u> | <u>2,384</u> | <u>72,069</u> |
| Total revenue | <u>619,144</u> | <u>626,308</u> | <u>(7,164)</u> | <u>2,889,561</u> | <u>(2,263,253)</u> |
| Expense: | | | | | |
| Operating expense | 463,091 | 597,655 | (134,564) | 2,739,385 | (2,141,730) |
| Non-operating expense | <u>13,220</u> | <u>44,113</u> | <u>(30,893)</u> | <u>118,536</u> | <u>(74,423)</u> |
| Total expense | <u>476,311</u> | <u>641,768</u> | <u>(165,457)</u> | <u>2,857,921</u> | <u>(2,334,689)</u> |
| Operating income(loss) | <u>142,833</u> | <u>(15,460)</u> | <u>158,293</u> | <u>31,640</u> | <u>71,436</u> |
| Transfers in of net position | <u>-</u> | <u>471,044</u> | <u>(471,044)</u> | <u>-</u> | <u>471,044</u> |
| Change in net position | <u>142,833</u> | <u>455,584</u> | <u>(312,751)</u> | <u>31,640</u> | <u>542,480</u> |
| Net position – beginning of year | <u>1,135,026</u> | <u>679,442</u> | <u>455,584</u> | <u>1,120,735</u> | <u>(441,293)</u> |
| Net position – end of year | <u>\$ 1,277,859</u> | <u>1,135,026</u> | <u>142,833</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 \$142,833 for the fiscal year ended June 30, 2017, as result of ongoing operations. For the fiscal year ended June 30, 2016, net position increased by \$455,584 as a result of a \$15,460 decrease from ongoing operations, offset by an increase of \$471,044 due to a transfer in of net position from 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 2017, the Watermaster's total revenues decreased 1.1%, or \$7,164, to \$619,144 primarily due to an \$11,704 decrease in non-operating revenue, which was offset by a \$4,540 increase in operating revenue. In fiscal year 2016, the Watermaster's total revenues decreased 78.3% or \$2,263,253, to \$626,308 due to a \$2,335,322 decrease in operating revenues as a result of water conservation efforts, which was offset by a \$72,069 increase in non-operating revenue.

In fiscal year 2017, the Watermaster's total expenses decreased 25.8%, or \$165,457, to \$476,311 primarily due to a \$167,789 decrease in state water project importation charges and a \$30,893 decrease in non-operating expense, which was offset by a \$33,315 increase in operating costs. In fiscal year 2016, the Watermaster's total expenses decreased 81.7% or \$2,334,689 to \$641,768 primarily due to a \$2,127,026 decrease in state water project importation charges, a \$74,423 decrease in non-operating expense, and a \$14,704 decrease 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.

Mojave Basin Area Watermaster
Management's Discussion and Analysis, continued
For the Fiscal Years Ended June 30, 2017 and 2016

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, 2017 and 2016

| | <u>2017</u> | <u>2016</u> |
|---|---------------------|------------------|
| Current assets: | | |
| Cash and cash equivalents – restricted (note 2) | \$ 1,377,329 | 1,258,956 |
| Accrued interest receivable | 2,136 | 1,254 |
| Accounts receivable – Watermaster assessments | 27,760 | 84,362 |
| Due from Mojave Water Agency | <u>-</u> | <u>1,670</u> |
| Total current assets | <u>1,407,225</u> | <u>1,346,242</u> |
| Current liabilities: | | |
| Accounts payable and accrued expenses (note 3) | <u>129,366</u> | <u>211,216</u> |
| Total current liabilities | <u>129,366</u> | <u>211,216</u> |
| Net position (note 4): | | |
| Restricted for watermaster | <u>1,277,859</u> | <u>1,135,026</u> |
| Total net position | <u>\$ 1,277,859</u> | <u>1,135,026</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 Years Ended June 30, 2017 and 2016

| | <u>2017</u> | <u>2016</u> |
|---|---------------------|------------------|
| Operating revenues: | | |
| Administrative assessments | \$ 433,524 | 421,494 |
| Biological assessments | 110,254 | 108,358 |
| Replacement assessments | 7,210 | 19,844 |
| Make-up assessments | 5,407 | 2,159 |
| Total operating revenues | <u>556,395</u> | <u>551,855</u> |
| Operating expenses: | | |
| State water project importation charges | 11,851 | 179,730 |
| Operating costs | 451,240 | 417,925 |
| Total operating expenses | <u>463,091</u> | <u>597,655</u> |
| Operating income(loss) | <u>93,304</u> | <u>(45,800)</u> |
| Non-operating revenue(expense) | | |
| Investment earnings | 5,055 | 4,480 |
| Other non-operating revenue | 57,694 | 69,973 |
| Other non-operating expense | (13,220) | (44,113) |
| Total non-operating revenues, net | <u>49,529</u> | <u>30,340</u> |
| Transfers of net position to Mojave Water Agency (note 5) | <u>-</u> | <u>471,044</u> |
| Change in net position | <u>142,833</u> | <u>455,584</u> |
| Net position – beginning of year | <u>1,135,026</u> | <u>679,442</u> |
| Net position – end of year | <u>\$ 1,277,859</u> | <u>1,135,026</u> |

See accompanying notes to the basic financial statements

Mojave Basin Area Watermaster
Statement of Cash Flows
For the Fiscal Years Ended June 30, 2017 and 2016

| | <u>2017</u> | <u>2016</u> |
|---|---------------------|--------------------|
| Cash flows from operating activities: | | |
| Cash receipts from customers | \$ 612,997 | 568,574 |
| Cash paid to vendors and suppliers | (224,181) | (2,283,308) |
| Cash paid to employees for salaries and wages | <u>(276,286)</u> | <u>(533,288)</u> |
| Net cash provided by(used in) operating activities | <u>112,530</u> | <u>(2,248,022)</u> |
| Cash flows from non-capital financing activities: | | |
| Transfers from(to) Mojave Water Agency | <u>1,670</u> | <u>(12,826)</u> |
| Net cash provided by(used in) non-capital financing activities | <u>1,670</u> | <u>(12,826)</u> |
| Cash flows from investing activities: | | |
| Investment earnings | <u>4,173</u> | <u>3,875</u> |
| Net cash provided by investing activities | <u>4,173</u> | <u>3,875</u> |
| Net increase(decrease) in cash and cash equivalents | 118,373 | (2,256,973) |
| Condensed Statements of Revenues, Expenses and Changes in Net Position | <u>1,258,956</u> | <u>3,515,929</u> |
| Cash and cash equivalents – end of year | <u>\$ 1,377,329</u> | <u>1,258,956</u> |
| Reconciliation of cash and cash equivalents to statements of financial position: | | |
| Cash and cash equivalents – restricted | \$ <u>1,377,329</u> | <u>1,258,956</u> |
| Total cash and cash equivalents | <u>\$ 1,377,329</u> | <u>1,258,956</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 Years Ended June 30, 2017 and 2016

| | <u>2017</u> | <u>2016</u> |
|---|--------------------------|---------------------------|
| Reconciliation of operating loss to net cash provided by (used in) operating activities: | | |
| Operating income(loss) | \$ <u>93,304</u> | <u>(45,800)</u> |
| Adjustments to reconcile operating income(loss) to net cash provided by(used in) operating activities: | | |
| Other non-operating revenue | 57,694 | 69,973 |
| Other non-operating expense | (13,220) | (44,113) |
| Changes in assets and liabilities: | | |
| Decrease in assets: | | |
| Accounts receivable – Watermaster assessments | 56,602 | 16,719 |
| (Decrease) in liabilities: | | |
| Accounts payable and accrued expenses | <u>(81,850)</u> | <u>(2,244,801)</u> |
| Total adjustments | <u>19,226</u> | <u>(2,202,222)</u> |
| Net cash provided by(used in) operating activitites | \$ <u><u>112,530</u></u> | <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 Years Ended June 30, 2017 and 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 Years Ended June 30, 2017 and 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 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*.

The provisions of this Statement are effective for financial statements for periods beginning after June 15, 2016. There currently is no impact of the implementation of this Statement to the Agency's financial statements at this time.

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.

In December 2015, the GASB issued Statement No. 78 – *Pensions Provided through Certain Multiple-Employer Defined Benefit Pension Plans*. The objective of this Statement is to address a practice issue regarding the scope and applicability of Statement No. 68, *Accounting and Financial Reporting for Pensions*. This issue is associated with pensions provided through certain multiple-employer defined benefit pension plans and to state or local governmental employers whose employees are provided with such pensions. This Statement amends the scope and applicability of Statement 68 to exclude pensions provided to employees of state or local governmental employers through a cost-sharing multiple-employer defined benefit pension plan that meet certain criteria.

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 by clarifying the financial statement presentation requirements for certain component units. 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.

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.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2017 and 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

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.

4. Fair Value Measurements

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

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

5. Accounts Receivable and Allowance for Uncollectible Accounts

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

6. 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.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2017 and 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

6. Net Position, continued

- **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.

7. Reclassification

The Watermaster has reclassified certain prior year information to conform with current year presentation.

(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.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2017 and 2016

(2) Cash and Cash Equivalents, continued

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

| | <u>2017</u> | <u>2016</u> |
|--|---------------------|------------------|
| Restricted – cash and cash equivalents | \$ 1,377,329 | 1,258,956 |
| Total cash and cash equivalents | <u>\$ 1,377,329</u> | <u>1,258,956</u> |

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

| | <u>2017</u> | <u>2016</u> |
|--------------------------------------|---------------------|------------------|
| Deposits with financial institutions | \$ 450,759 | 336,558 |
| Local Agency Investment Fund (LAIF) | <u>926,570</u> | <u>922,398</u> |
| Total cash and cash equivalents | <u>\$ 1,377,329</u> | <u>1,258,956</u> |

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

| | <u>2017</u> | <u>2016</u> |
|---|-------------|-------------|
| Deposits held with California Local Agency Investment Fund (LAIF) | 194 days | 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.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2017 and 2016

(3) Accounts Payable and Accrued Expenses

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

| | <u>2017</u> | <u>2016</u> |
|---|-------------------|----------------|
| Replacement water deliveries | \$ 16,359 | 99,277 |
| Other accounts payable | <u>113,007</u> | <u>111,939</u> |
| Total accounts payable and accrued expenses | <u>\$ 129,366</u> | <u>211,216</u> |

(4) Net Position

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

| | <u>2017</u> | <u>2016</u> |
|-------------------------------|---------------------|------------------|
| Restricted net position: | | |
| Administrative | \$ 263,882 | 282,496 |
| Biological resources trust | 641,223 | 539,681 |
| Replacement water | 368,160 | 309,040 |
| Make-up water | <u>4,594</u> | <u>3,809</u> |
| Total restricted net position | <u>\$ 1,277,859</u> | <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 is a member of the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA), an intergovernmental risk sharing joint powers authority created to provide self-insurance programs for California water agencies. The purpose of the ACWA/JPIA is to arrange and administer programs of self-insured losses and to purchase excess insurance coverage.

At June 30, 2017, the Watermaster participates in the ACWA/JPIA pooled programs for liability, and property programs as follows:

- General and auto liability, public officials and employees' errors and omissions: Total risk financing self-insurance limits of \$5,000,000 per occurrence. The ACWA/JPIA purchased additional excess coverage layers: \$55 million for general, auto and public officials liability, which increases the limits on the insurance coverage noted above.

In addition, the Watermaster also has the following insurance coverage:

- Crime coverage up to \$100,000 per loss includes public employee dishonesty, depositor's forgery or alteration, theft, computer and funds transfer fraud coverage's, subject to \$1,000 deductible per loss.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2017 and 2016

(6) Risk Management, continued

- Property loss is paid at the replacement cost for property on file, if replaced within two years after the loss, otherwise paid on an actual cash value basis, to a combined total of \$150 million per loss, subject to a \$1,000 deductible per loss. Mobile equipment and vehicles, on file, are paid on actual cost value basis at time of loss and subject to \$1,000 deductible per loss.
- Boiler and machinery coverage for the replacement cost up to \$150 million per occurrence, subject to various deductibles depending on the type of equipment, on file.

The Watermaster has purchased workers' compensation insurance coverage for injuries to employees through the Special District Risk Management Association (SDRMA), an intergovernmental risk sharing joint powers authority created to provide self-insurance programs for California special districts. The purpose of the SDRMA is to arrange and administer programs of self-insured losses and to purchase excess insurance coverage. At June 30, 2017, the Watermaster participated in the workers' compensation programs of the SDRMA as follows:

- Workers' compensation coverage up to California statutory limits for all work related injuries/illnesses covered by California law and employers liability limit of \$5,000,000 per occurrence.

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, 2017, 2016 and 2015. Liabilities are recorded when it is probable that a loss has been incurred and the amount of the 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 claims payable as of June 30, 2017, 2016, and 2015, respectively

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

The Governmental Accounting Standards Board (GASB) has issued several pronouncements prior to June 30, 2017, that has effective dates that may impact future financial presentations.

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. 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.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2017 and 2016

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

Governmental Accounting Standards Board Statement No. 81, continued

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.

The requirements of this Statement are effective for financial statements for periods beginning after December 15, 2016, and should be applied retroactively.

Governmental Accounting Standards Board Statement No. 83

In November 2016, the GASB issued Statement No. 83 – *Certain Asset Retirement Obligations*. This Statement (1) addresses accounting and financial reporting for certain asset retirement obligations (AROs), (2) establishes criteria for determining the timing and pattern of recognition of a liability and a corresponding deferred outflow of resources for AROs, (3) requires that recognition occur when the liability is both incurred and reasonably estimable, (4) requires the measurement of an ARO to be based on the best estimate of the current value of outlays expected to be incurred, (5) requires the current value of a government's AROs to be adjusted for the effects of general inflation or deflation at least annually, and (6) and requires disclosure of information about the nature of a government's AROs, the methods and assumptions used for the estimates of the liabilities, and the estimated remaining useful life of the associated tangible capital assets. The requirements of this Statement are effective for reporting periods beginning after June 15, 2018. Earlier application is encouraged

Governmental Accounting Standards Board Statement No. 84

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

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

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

The requirements of this Statement are effective for reporting periods beginning after December 15, 2018. Earlier application is encouraged.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2017 and 2016

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

Governmental Accounting Standards Board Statement No. 85

In March 2017, the GASB issued Statement No. 85 – *Omnibus 2017*. The objective of this Statement is to address practice issues that have been identified during implementation and application of certain GASB Statements. This Statement addresses a variety of topics including issues related to blending component units, goodwill, fair value measurement and application, and postemployment benefits (pensions and other postemployment benefits [OPEB]).

The requirements of this Statement are effective for reporting periods beginning after June 15, 2017. Earlier application is encouraged.

Governmental Accounting Standards Board Statement No. 86

In May 2017, the GASB issued Statement No. 86 – *Certain Debt Extinguishment Issues*. The primary objective of this Statement is to improve consistency in accounting and financial reporting for in-substance defeasance of debt by providing guidance for transactions in which cash and other monetary assets acquired with only existing resources—resources other than the proceeds of refunding debt—are placed in an irrevocable trust for the sole purpose of extinguishing debt. This Statement also improves accounting and financial reporting for prepaid insurance on debt that is extinguished and notes to financial statements for debt that is defeased in substance.

The requirements of this Statement are effective for reporting periods beginning after June 15, 2017. Earlier application is encouraged.

Governmental Accounting Standards Board Statement No. 87

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

The requirements of this Statement are effective for reporting periods beginning after December 15, 2019. Earlier application is encouraged.

(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.

Mojave Basin Area Watermaster
Notes to the Financial Statements, continued
For the Fiscal Years Ended June 30, 2017 and 2016

(9) Subsequent Events

Events occurring after June 30, 2017, have been evaluated for possible adjustment to the financial statements or disclosure as of October 26, 2017, 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



Fedak & Brown LLP
Certified Public Accountants

Cypress Office:
6081 Orange Avenue
Cypress, California 90630
(657) 214-2307
FAX (714) 527-9154

Riverside Office:
4204 Riverwalk Pkwy. Ste. 390
Riverside, California 92505
(951) 977-9888

**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 years ended June 30, 2017 and 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 26, 2017.

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.

**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**

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*.

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 26, 2017

APPENDIX H

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18

AND PROPOSED FREE PRODUCTION ALLOWANCE

FOR WATER YEAR 2018-19

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|---|------------------------------|--|---------------------------|----------------------|-------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| ABDUL, HARRY AND ANITA | 194 | 156 | 156 | 80% | 312 | 156 | 80% |
| ABSHIRE, DAVID V. | 24 | 20 | 20 | 80% | 40 | 20 | 80% |
| AHN REVOCABLE LIVING TRUST | 0 | 0 | 0 | 80% | 0 | 0 | 80% |
| AHN REVOCABLE TRUST | 28 | 23 | 23 | 80% | 46 | 23 | 80% |
| AHN, CHUN SOO AND DAVID | 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 | 429 | 459 | 80% | 888 | 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 | 34 | 40 | 80% | 74 | 40 | 80% |
| CASA COLINA FOUNDATION | 90 | 71 | 72 | 80% | 143 | 72 | 80% |
| CENTER WATER COMPANY | 40 | 32 | 32 | 80% | 64 | 32 | 80% |
| CHUNG, ET AL. | 0 | 7 | 0 | 80% | 7 | 0 | 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 | 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 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|---|------------------------------|--|---------------------------|----------------------|-------|---|----------------------|
| | | 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 | 31 | 114 | 80% | 145 | 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, ANNA K. AND ESHBAN K. (FORMERLY: SEALS TIBBETT, ET AL.) | 33 | 27 | 27 | 80% | 54 | 27 | 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 | 16 | 17 | 80% | 33 | 17 | 80% |
| M.B. LANDSCAPING AND NURSERY, INC. | 1,773 | 1,419 | 1,419 | 80% | 2,838 | 1,419 | 80% |
| MITSUBISHI CEMENT CORPORATION | 1,395 | 1,116 | 1,116 | 80% | 2,232 | 1,116 | 80% |
| MONACO INVESTMENT COMPANY | 70 | 56 | 56 | 80% | 112 | 56 | 80% |
| MOSS, LAWRENCE W. AND HELEN J. | 43 | 35 | 35 | 80% | 70 | 35 | 80% |
| NORRIS TRUST, MARY ANN | 73 | 59 | 59 | 80% | 118 | 59 | 80% |
| OASIS WORLD MISSION | 0 | 0 | 0 | 80% | 0 | 0 | 80% |
| OMYA CALIFORNIA, INC. | 23 | 0 | 19 | 80% | 19 | 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% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|--|------------------------------|--|---------------------------|----------------------|---------------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| ROYAL WAY | 200 | 160 | 160 | 80% | 320 | 160 | 80% |
| S AND E 786 ENTERPRISES, LLC | 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% |
| 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% |
| WEISER, ET AL. | 90 | 0 | 72 | 80% | 72 | 72 | 80% |
| WEST END MUTUAL WATER COMPANY | 30 | 24 | 24 | 80% | 48 | 24 | 80% |
| WILSHIRE ROAD PARTNERS | 692 | 554 | 554 | 80% | 1,108 | 554 | 80% |
| TOTAL | 19,251 | 15,109 | 15,422 | | 30,531 | 15,422 | |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

OESTE SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|--|------------------------------|--|---------------------------|----------------------|--------------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| AEROCHEM, INC. | 660 | 17 | 528 | 80% | 545 | 528 | 80% |
| BROWN, SUE AND DOUG | 46 | 37 | 37 | 80% | 74 | 37 | 80% |
| CHAMISAL MUTUAL WATER COMPANY | 96 | 8 | 77 | 80% | 85 | 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 | 1,249 | 248 | 1,000 | 80% | 1,248 | 1,000 | 80% |
| PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 3) | 4,680 | 3,744 | 3,744 | 80% | 7,488 | 3,744 | 80% |
| TROEGER FAMILY TRUST, RICHARD H. | 112 | 90 | 90 | 80% | 180 | 90 | 80% |
| TOTAL | 6,857 | 4,156 | 5,488 | | 9,644 | 5,488 | |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|---|------------------------------|--|---------------------------|----------------------|-------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| ADELANTO, CITY OF | 4,366 | 0 | 2,620 | 60% | 2,620 | 2,620 | 60% |
| ADES, JOHN AND DEVON | 37 | 25 | 30 | 80% | 55 | 30 | 80% |
| AGCON, INC. | 384 | 57 | 231 | 60% | 288 | 231 | 60% |
| AMERICAN STATES WATER COMPANY | 1,000 | 600 | 600 | 60% | 1,200 | 600 | 60% |
| APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT | 167 | 17 | 101 | 60% | 118 | 101 | 60% |
| APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT | 125 | 0 | 75 | 60% | 75 | 75 | 60% |
| APPLE VALLEY 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 | 421 | 650 | 60% | 1,071 | 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 | 611 | 640 | 80% | 1,251 | 640 | 80% |
| BROWN, BOBBY G. AND VALERIA R. | 42 | 34 | 34 | 80% | 68 | 34 | 80% |
| BROWN, JENNIFER | 41 | 24 | 33 | 80% | 57 | 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 | 643 | 515 | 515 | 80% | 1,030 | 515 | 80% |
| CALPORTLAND COMPANY - ORO GRANDE PLANT | 2,809 | 1,239 | 1,686 | 60% | 2,925 | 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% |
| CUNNINGHAM, JERRY | 10 | 8 | 8 | 80% | 16 | 8 | 80% |
| DOLCH, ROBERT AND JUDY | 100 | 76 | 80 | 80% | 156 | 80 | 80% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|---|------------------------------|--|---------------------------|----------------------|-------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| DORA LAND, INC. | 15 | 12 | 12 | 80% | 24 | 12 | 80% |
| EAST DESERT LAND COMPANY, LLC (SEE NOTE 4) | 0 | | | | | | |
| 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 | 10 | 16 | 80% | 26 | 16 | 80% |
| HAMILTON FAMILY TRUST | 108 | 73 | 87 | 80% | 160 | 87 | 80% |
| HELENDALE COMMUNITY SERVICES DISTRICT | 3,707 | 705 | 2,225 | 60% | 2,930 | 2,225 | 60% |
| HELENDALE SCHOOL DISTRICT | 18 | 11 | 11 | 60% | 22 | 11 | 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 | 13,904 | 0 | 8,343 | 60% | 8,343 | 8,343 | 60% |
| HESPERIA, CITY OF | 6,736 | 4,042 | 4,042 | 60% | 8,084 | 4,042 | 60% |
| HI-GRADE MATERIALS COMPANY | 149 | 72 | 90 | 60% | 162 | 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% |
| 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 | 3,779 | 4,338 | 60% | 8,117 | 4,338 | 60% |
| JOHNSON, CARLEAN | 23 | 6 | 19 | 80% | 25 | 19 | 80% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|--|------------------------------|--|---------------------------|----------------------|--------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| 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 | 359 | 379 | 80% | 738 | 379 | 80% |
| LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT | 658 | 527 | 527 | 80% | 1,054 | 527 | 80% |
| LANGLEY, JAMES | 5 | 4 | 4 | 80% | 8 | 4 | 80% |
| LANGLEY, JAMES - INDUSTRIAL | 0 | 0 | 0 | 60% | 0 | 0 | 60% |
| LAWSON, ERNEST AND BARBARA | 15 | 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. | 13,610 | 2,659 | 8,166 | 60% | 10,825 | 8,166 | 60% |
| LOUNSBURY, CAROLYN JOY | 0 | 0 | 0 | 80% | 0 | 0 | 80% |
| LOW, DEAN | 199 | 160 | 160 | 80% | 320 | 160 | 80% |
| LUCKEY 2010 REVOCABLE TRUST | 300 | 239 | 240 | 80% | 479 | 240 | 80% |
| MARIANA RANCHOS COUNTY WATER DISTRICT | 245 | 0 | 147 | 60% | 147 | 147 | 60% |
| MCINNIS, WILLIAM S. | 30 | 24 | 24 | 80% | 48 | 24 | 80% |
| MCKINNEY, PAULA | 33 | 27 | 27 | 80% | 54 | 27 | 80% |
| MLH, LLC | 13 | 3 | 11 | 80% | 14 | 11 | 80% |
| MOJAVE WATER AGENCY | 0 | 0 | 0 | 60% | 0 | 0 | 60% |
| NAVAJO MUTUAL WATER COMPANY | 88 | 53 | 53 | 60% | 106 | 53 | 60% |
| NUÑEZ, LUIS SEGUNDO | 0 | 0 | 0 | 80% | 0 | 0 | 80% |
| NUNN FAMILY TRUST | 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% |
| PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT | 355 | 71 | 213 | 60% | 284 | 213 | 60% |
| PITTMAN, LEROY W. | 148 | 119 | 119 | 80% | 238 | 119 | 80% |
| POLICH, LEE AND DONNA | 65 | 52 | 52 | 80% | 104 | 52 | 80% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|---|------------------------------|--|---------------------------|----------------------|--------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| 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 | 15 | 24 | 80% | 39 | 24 | 80% |
| SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTER | 0 | 0 | 0 | 60% | 0 | 0 | 60% |
| SAN BERNARDINO COUNTY SERVICE AREA 42 | 465 | 209 | 279 | 60% | 488 | 279 | 60% |
| SAN BERNARDINO COUNTY SERVICE AREA 64 | 3,822 | 379 | 2,294 | 60% | 2,673 | 2,294 | 60% |
| SAN BERNARDINO COUNTY SERVICE AREA 70J | 1,015 | 0 | 609 | 60% | 609 | 609 | 60% |
| SAPP, ROBERT D. AND LEE, TERESA J. | 42 | 26 | 34 | 80% | 60 | 34 | 80% |
| SCRAY, MICHELLE A. TRUST | 15 | 11 | 12 | 80% | 23 | 12 | 80% |
| SERVICE ROCK PRODUCTS CORPORATION | 20 | 3 | 12 | 60% | 15 | 12 | 60% |
| SILVER LAKES ASSOCIATION | 4,987 | 655 | 2,993 | 60% | 3,648 | 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 | 15 | 46 | 80% | 61 | 46 | 80% |
| THOMPSON LIVING TRUST, JAMES A. AND SULA B. | 418 | 331 | 335 | 80% | 666 | 335 | 80% |
| THOMPSON LIVING TRUST, R.L. AND R.A. | 13 | 7 | 11 | 80% | 18 | 11 | 80% |
| THRASHER, GARY | 373 | 280 | 299 | 80% | 579 | 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% |
| 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. | 62 | 49 | 50 | 80% | 99 | 50 | 80% |
| WAGNER LIVING TRUST | 1,224 | 980 | 980 | 80% | 1,960 | 980 | 80% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|------------------------------|------------------------------|--|---------------------------|----------------------|---------------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| WAKULA FAMILY TRUST | 11 | 9 | 9 | 80% | 18 | 9 | 80% |
| WARD, KEN AND BARBARA | 65 | 21 | 52 | 80% | 73 | 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 | 10 | 7 | 8 | 80% | 15 | 8 | 80% |
| WESTERN WATER COMPANY | 15 | 12 | 12 | 80% | 24 | 12 | 80% |
| WESTLAND INDUSTRIES, INC. | 54 | 24 | 33 | 60% | 57 | 33 | 60% |
| WIENER, MELVIN AND MARIAM S. | 30 | 18 | 18 | 60% | 36 | 18 | 60% |
| WOOD, MICHAEL AND DENISE | 0 | 0 | 0 | 80% | 0 | 0 | 80% |
| WYATT FAMILY TRUST | 70 | 56 | 56 | 80% | 112 | 56 | 80% |
| TOTAL | 114,308 | 22,131 | 70,473 | | 92,604 | 70,473 | |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

CENTRO SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|--|------------------------------|--|---------------------------|----------------------|--------|---|----------------------|
| | | 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 | 96 | 96 | 80% | 192 | 96 | 80% |
| BAR-LEN MUTUAL WATER COMPANY | 48 | 23 | 39 | 80% | 62 | 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 | 0 | 289 | 80% | 289 | 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 | 52 | 42 | 42 | 80% | 84 | 42 | 80% |
| CHRISTISON, JOEL | 75 | 60 | 60 | 80% | 120 | 60 | 80% |
| CONTRATTO, ERSULA | 151 | 121 | 121 | 80% | 242 | 121 | 80% |
| DARR, JAMES S. | 408 | 327 | 327 | 80% | 654 | 327 | 80% |
| DE VRIES, NEIL AND MARY FAMILY TRUST | 3,800 | 3,040 | 3,040 | 80% | 6,080 | 3,040 | 80% |
| DORRANCE, DAVID W. AND TAMELA L. | 19 | 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 | 89 | 104 | 80% | 193 | 104 | 80% |
| HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH | 152 | 23 | 122 | 80% | 145 | 122 | 80% |
| HARMSSEN FAMILY TRUST | 722 | 578 | 578 | 80% | 1,156 | 578 | 80% |
| HARPER LAKE COMPANY VIII | 1,433 | 957 | 1,147 | 80% | 2,104 | 1,147 | 80% |
| HELENDAL COMMUNITY SERVICES DISTRICT | 19 | 0 | 16 | 80% | 16 | 16 | 80% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

CENTRO SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|--|------------------------------|--|---------------------------|----------------------|-------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| HENSLEY, MARK P. | 27 | 22 | 22 | 80% | 44 | 22 | 80% |
| HI DESERT MUTUAL WATER COMPANY | 34 | 19 | 28 | 80% | 47 | 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 | | | | | | |
| 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 | 5 | 7 | 80% | 12 | 7 | 80% |
| RIVERO, FIDEL V. | 20 | 16 | 16 | 80% | 32 | 16 | 80% |
| RUISCH TRUST, DALE W. AND NELLIE H. | 650 | 259 | 520 | 80% | 779 | 520 | 80% |
| RUISCH, ET AL. (SEE NOTE 4) | 862 | | | | | | |
| SERVICE ROCK PRODUCTS CORPORATION | 766 | 613 | 613 | 80% | 1,226 | 613 | 80% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

CENTRO SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|--|------------------------------|--|---------------------------|----------------------|---------------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| SEXTON, RODNEY A. AND SEXTON, DEREK R. | 232 | 186 | 186 | 80% | 372 | 186 | 80% |
| SOPPELAND REVOCABLE TRUST | 478 | 197 | 383 | 80% | 580 | 383 | 80% |
| TALLAKSON FAMILY REVOCABLE TRUST | 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 | 1,172 | 1,172 | 80% | 2,344 | 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 | 0 | 637 | 80% | 637 | 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% |
| TOTAL | 49,477 | 36,885 | 38,652 | | 75,537 | 38,652 | |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|--|------------------------------|--|---------------------------|----------------------|-------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| 35250 YERMO, LLC | 24 | 9 | 10 | 40% | 19 | 9 | 35% |
| AHN, CHUN SOO AND WHA JA | 50 | 23 | 20 | 40% | 43 | 18 | 35% |
| AKE, CHARLES J. AND MARJORIE M. | 23 | 11 | 10 | 40% | 21 | 9 | 35% |
| ARCHIBEK, ERIC | 0 | 0 | 0 | 40% | 0 | 0 | 35% |
| ARGUELLES, ALFREDO | 647 | 292 | 259 | 40% | 551 | 227 | 35% |
| ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY | 80 | 0 | 32 | 40% | 32 | 28 | 35% |
| BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R. | 27 | 13 | 11 | 40% | 24 | 10 | 35% |
| BARBER, JAMES B. | 167 | 76 | 67 | 40% | 143 | 59 | 35% |
| BARON, SUSAN AND PALMER, CURTIS | 26 | 12 | 11 | 40% | 23 | 10 | 35% |
| BENDER TRUST, DOLORES M. | 0 | 0 | 0 | 40% | 0 | 0 | 35% |
| BORGOGNO REVOCABLE LIVING TRUST | 1,844 | 369 | 738 | 40% | 1,107 | 646 | 35% |
| BORJA, LEONIL T. AND TITAL L. | 20 | 9 | 8 | 40% | 17 | 7 | 35% |
| BREDELIS, RONALD C. AND JEAN | 64 | 29 | 26 | 40% | 55 | 23 | 35% |
| BROWN, RONALD A. | 1,080 | 162 | 432 | 40% | 594 | 378 | 35% |
| BUDGET FINANCE COMPANY | 32 | 15 | 13 | 40% | 28 | 12 | 35% |
| BUSH, KEVIN | 0 | 0 | 0 | 40% | 0 | 0 | 35% |
| CALICO JUNCTION | 20 | 9 | 8 | 40% | 17 | 7 | 35% |
| CALICO LAKES HOMEOWNERS ASSOCIATION | 1,293 | 525 | 518 | 40% | 1,043 | 453 | 35% |
| CALIFORNIA DEPARTMENT OF TRANSPORTATION | 71 | 32 | 29 | 40% | 61 | 25 | 35% |
| CALMAT COMPANY | 0 | 0 | 0 | 40% | 0 | 0 | 35% |
| CAMANGA, TONY AND MARIETTA | 47 | 22 | 19 | 40% | 41 | 17 | 35% |
| CAMPBELL, M. A. AND DIANNE | 22 | 10 | 9 | 40% | 19 | 8 | 35% |
| CARLTON, SUSAN | 155 | 70 | 62 | 40% | 132 | 55 | 35% |
| CDFW - CAMP CADY | 921 | 415 | 369 | 40% | 784 | 323 | 35% |
| CF PROPERTIES, LLC | 845 | 381 | 338 | 40% | 719 | 296 | 35% |
| CHEYENNE LAKE, INC. | 444 | 197 | 178 | 40% | 375 | 156 | 35% |
| CLARK, ARTHUR | 50 | 23 | 20 | 40% | 43 | 18 | 35% |
| CONNER, WILLIAM H. | 25 | 12 | 10 | 40% | 22 | 9 | 35% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|--|------------------------------|--|---------------------------|----------------------|-------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| CORBRIDGE, LINDA S. | 32 | 15 | 13 | 40% | 28 | 12 | 35% |
| CROSS, FRANCIS AND BEVERLY | 40 | 18 | 16 | 40% | 34 | 14 | 35% |
| CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION | 701 | 316 | 281 | 40% | 597 | 246 | 35% |
| DAGGETT COMMUNITY SERVICES DISTRICT | 304 | 0 | 122 | 40% | 122 | 107 | 35% |
| DAGGETT RANCH, LLC | 76 | 35 | 31 | 40% | 66 | 27 | 35% |
| DE JONG FAMILY TRUST | 3,131 | 1,409 | 1,253 | 40% | 2,662 | 1,096 | 35% |
| DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE | 29 | 14 | 12 | 40% | 26 | 11 | 35% |
| DOCIMO LIVING TRUST, ALLEN LEE | 109 | 33 | 44 | 40% | 77 | 39 | 35% |
| DONALDSON, JERRY AND BEVERLY | 90 | 41 | 36 | 40% | 77 | 32 | 35% |
| DOWELL, LEONARD | 23 | 11 | 10 | 40% | 21 | 9 | 35% |
| EVERT FAMILY TRUST | 73 | 7 | 30 | 40% | 37 | 26 | 35% |
| FEJFAR, MONICA KAY | 20 | 9 | 8 | 40% | 17 | 7 | 35% |
| FERNANDEZ, ARTURO | 76 | 35 | 31 | 40% | 66 | 27 | 35% |
| FERRO, DENNIS AND NORMA | 32 | 15 | 13 | 40% | 28 | 12 | 35% |
| FIRST CPA LLC | 57 | 24 | 23 | 40% | 47 | 20 | 35% |
| FUNDAMENTAL CHRISTIAN ENDEAVORS, INC. | 425 | 192 | 170 | 40% | 362 | 149 | 35% |
| GABRYCH, EUGENE | 1,637 | 679 | 655 | 40% | 1,334 | 573 | 35% |
| GARCIA, DANIEL | 23 | 11 | 10 | 40% | 21 | 9 | 35% |
| GARG, OM P. | 483 | 218 | 194 | 40% | 412 | 170 | 35% |
| GENON ENERGY, INC. | 7,194 | 3,238 | 2,878 | 40% | 6,116 | 2,518 | 35% |
| GRAY, GEORGE F. AND BETTY E. | 94 | 43 | 38 | 40% | 81 | 33 | 35% |
| HACKBARTH, EDWARD E. | 1,517 | 140 | 607 | 40% | 747 | 531 | 35% |
| HANSON AGGREGATES WRP, INC. | 31 | 14 | 13 | 40% | 27 | 11 | 35% |
| HARESON, NICHOLAS AND MARY | 8 | 4 | 4 | 40% | 8 | 3 | 35% |
| HARTER, JOE AND SUE | 5,234 | 2,356 | 2,094 | 40% | 4,450 | 1,832 | 35% |
| HASS, PAULINE L. | 35 | 15 | 14 | 40% | 29 | 13 | 35% |
| HENDLEY, RICK AND BARBARA | 48 | 22 | 20 | 40% | 42 | 17 | 35% |
| HIETT, HARRY L. | 29 | 14 | 12 | 40% | 26 | 11 | 35% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|---|------------------------------|--|---------------------------|----------------------|-------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| HILARIDES 1998 REVOCABLE FAMILY TRUST | 303 | 136 | 122 | 40% | 258 | 107 | 35% |
| HO, TING-SENG AND AH-GIT | 300 | 135 | 120 | 40% | 255 | 105 | 35% |
| HOLLISTER, ROBERT H. AND RUTH M. | 44 | 20 | 18 | 40% | 38 | 16 | 35% |
| HONG, PAUL B. AND MAY | 85 | 39 | 34 | 40% | 73 | 30 | 35% |
| HOOD FAMILY TRUST | 41 | 19 | 17 | 40% | 36 | 15 | 35% |
| HORTON, JOHN | 242 | 109 | 97 | 40% | 206 | 85 | 35% |
| HORTON'S CHILDREN'S TRUST | 199 | 0 | 80 | 40% | 80 | 70 | 35% |
| HUBBARD, ESTER AND MIZUNO, ARLEAN | 28 | 13 | 12 | 40% | 25 | 10 | 35% |
| HUNT, RALPH M. AND LILLIAN F. | 51 | 23 | 21 | 40% | 44 | 18 | 35% |
| HYATT, JAMES AND BRENDA | 210 | 95 | 84 | 40% | 179 | 74 | 35% |
| IM, NICHOLAS NAK-KYUN | 150 | 68 | 60 | 40% | 128 | 53 | 35% |
| IRVIN, BERTRAND W. | 29 | 14 | 12 | 40% | 26 | 11 | 35% |
| ITALMOOD INC., ET. AL. | 190 | 86 | 76 | 40% | 162 | 67 | 35% |
| JACKS, JAMES F. | 10 | 5 | 4 | 40% | 9 | 4 | 35% |
| JACKSON, JAMES N. JR REVOCABLE LIVING TRUST | 54 | 25 | 22 | 40% | 47 | 19 | 35% |
| JACKSON, RAY REVOCABLE TRUST NO. 45801 | 1 | 1 | 1 | 40% | 2 | 1 | 35% |
| JOHNSON, JAMES R. AND ELLEN | 247 | 89 | 99 | 40% | 188 | 87 | 35% |
| KARIMI, HOOSHANG | 70 | 32 | 28 | 40% | 60 | 25 | 35% |
| KASNER FAMILY LIMITED PARTNERSHIP | 843 | 0 | 338 | 40% | 338 | 296 | 35% |
| KASNER, ROBERT | 5,713 | 993 | 2,286 | 40% | 3,279 | 2,000 | 35% |
| KATCHER, AUGUST M. AND MARCELINE | 23 | 11 | 10 | 40% | 21 | 9 | 35% |
| KEMP, ROBERT AND ROSE | 32 | 15 | 13 | 40% | 28 | 12 | 35% |
| KIM, JOON HO AND MAL BOON REVOCABLE TRUST | 764 | 343 | 306 | 40% | 649 | 268 | 35% |
| KIM, SEON JA | 50 | 23 | 20 | 40% | 43 | 18 | 35% |
| KOEGLER, RONALD R. AND CAROLYN V. | 26 | 12 | 11 | 40% | 23 | 10 | 35% |
| KOERING, RICHARD AND KOERING, DONNA | 20 | 9 | 8 | 40% | 17 | 7 | 35% |
| KOROGHLIAN, TED AND NAJWA | 15 | 2 | 6 | 40% | 8 | 6 | 35% |
| KOSHAREK, JOHN AND JOANN | 54 | 25 | 22 | 40% | 47 | 19 | 35% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|--|------------------------------|--|---------------------------|----------------------|-------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| LAKE JODIE PROPERTY OWNERS ASSOCIATION | 311 | 140 | 125 | 40% | 265 | 109 | 35% |
| LAKE WAIKIKI | 98 | 45 | 40 | 40% | 85 | 35 | 35% |
| LAKE WAINANI OWNERS ASSOCIATION | 860 | 230 | 344 | 40% | 574 | 301 | 35% |
| LAM, PHILLIP | 105 | 48 | 42 | 40% | 90 | 37 | 35% |
| LANGLEY, MICHAEL R. AND SHARON | 20 | 7 | 8 | 40% | 15 | 7 | 35% |
| LAVANH, ET AL. | 24 | 11 | 10 | 40% | 21 | 9 | 35% |
| LAWRENCE, WILLIAM W. | 45 | 21 | 18 | 40% | 39 | 16 | 35% |
| LEE, VIN JANG T. | 630 | 284 | 252 | 40% | 536 | 221 | 35% |
| LEM, HOY | 32 | 15 | 13 | 40% | 28 | 12 | 35% |
| LIANG, YUAN - I AND TZU - MEI CHEN | 200 | 90 | 80 | 40% | 170 | 70 | 35% |
| LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. | 453 | 204 | 182 | 40% | 386 | 159 | 35% |
| LIN, KUANG JUNG AND CHUNG, DER-BING | 451 | 203 | 181 | 40% | 384 | 158 | 35% |
| LO, ET AL. | 59 | 2 | 24 | 40% | 26 | 21 | 35% |
| M BIRD CONSTRUCTION | 41 | 19 | 17 | 40% | 36 | 15 | 35% |
| MAHJOUBI, AFSAR S. | 63 | 29 | 26 | 40% | 55 | 23 | 35% |
| MALONEY, JANICE | 36 | 17 | 15 | 40% | 32 | 13 | 35% |
| MANNING, SHARON S. | 63 | 0 | 26 | 40% | 26 | 23 | 35% |
| MARCROFT, JAMES A. AND JOAN | 38 | 13 | 16 | 40% | 29 | 14 | 35% |
| MARSHALL, CHARLES | 20 | 9 | 8 | 40% | 17 | 7 | 35% |
| MARTIN, MICHAEL D. AND ARLENE D. | 63 | 0 | 26 | 40% | 26 | 23 | 35% |
| MILBRAT, IRVING H. | 73 | 33 | 30 | 40% | 63 | 26 | 35% |
| MILLER LIVING TRUST | 18 | 9 | 8 | 40% | 17 | 7 | 35% |
| MIZRAHIE, ET AL. | 145 | 66 | 58 | 40% | 124 | 51 | 35% |
| MORRIS TRUST, JULIA V. | 304 | 136 | 122 | 40% | 258 | 107 | 35% |
| MULLIGAN, ROBERT AND INEZ | 35 | 16 | 14 | 40% | 30 | 13 | 35% |
| MURPHY, JEAN | 24 | 11 | 10 | 40% | 21 | 9 | 35% |
| NEW SPRINGS LIMITED PARTNERSHIP | 2,329 | 849 | 932 | 40% | 1,781 | 816 | 35% |
| NEWBERRY COMMUNITY SERVICES DISTRICT | 23 | 4 | 10 | 40% | 14 | 9 | 35% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|---|------------------------------|--|---------------------------|----------------------|-------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 1 | 1 | 1 | 40% | 2 | 1 | 35% |
| O. F. D. L., INC. | 222 | 98 | 89 | 40% | 187 | 78 | 35% |
| P AND H ENGINEERING AND DEVELOPMENT CORPORATION | 667 | 301 | 267 | 40% | 568 | 234 | 35% |
| PATINO, JOSÉ | 22 | 10 | 9 | 40% | 19 | 8 | 35% |
| PEARCE, CRAIG L. | 150 | 68 | 60 | 40% | 128 | 53 | 35% |
| PERKO, BERT K. | 132 | 60 | 53 | 40% | 113 | 47 | 35% |
| POLAND, JOHN R. AND KATHLEEN A. | 92 | 42 | 37 | 40% | 79 | 33 | 35% |
| PORTER, TIMOTHY M. | 30 | 14 | 12 | 40% | 26 | 11 | 35% |
| POZZATO PARTNERS, LIMITED (FORMERLY: D'SILVA, MELANIE) | 54 | 0 | 22 | 40% | 22 | 19 | 35% |
| PRICE, DONALD AND RUTH | 42 | 19 | 17 | 40% | 36 | 15 | 35% |
| PRUETT, ANDREA | 36 | 17 | 15 | 40% | 32 | 13 | 35% |
| QUIROS, FRANCISCO J. AND HERRMANN, RONALD | 38 | 6 | 16 | 40% | 22 | 14 | 35% |
| RICE, HENRY C. AND DIANA | 24 | 11 | 10 | 40% | 21 | 9 | 35% |
| RIZVI, S.R ALI | 27 | 13 | 11 | 40% | 24 | 10 | 35% |
| ROSSI, JAMES L. AND NAOMI I. | 614 | 183 | 246 | 40% | 429 | 215 | 35% |
| S AND B BROTHERS, LLC | 221 | 65 | 89 | 40% | 154 | 78 | 35% |
| SAGABEAN-BARKER, KANOELOKELANI L. | 34 | 16 | 14 | 40% | 30 | 12 | 35% |
| SAMRA, JAGTAR S. | 30 | 14 | 12 | 40% | 26 | 11 | 35% |
| SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT | 168 | 76 | 68 | 40% | 144 | 59 | 35% |
| SERVICE ROCK PRODUCTS CORPORATION | 0 | 0 | 0 | 40% | 0 | 0 | 35% |
| SHAW, ROBERT M. AND LORI A. SLATER-SHAW | 43 | 20 | 18 | 40% | 38 | 16 | 35% |
| SHENG, JEN | 33 | 15 | 14 | 40% | 29 | 12 | 35% |
| SHEPPARD, THOMAS AND GLORIA | 217 | 98 | 87 | 40% | 185 | 76 | 35% |
| SHORT, CHARLES AND MARGARET | 54 | 25 | 22 | 40% | 47 | 19 | 35% |
| SHORT, JEROME E. | 30 | 12 | 12 | 40% | 24 | 11 | 35% |
| SINGH, ET AL. | 31 | 14 | 13 | 40% | 27 | 11 | 35% |
| SMITH, DENISE DBA AMEREQUINE BEAUTY, INC | 0 | 0 | 0 | 40% | 0 | 0 | 35% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|--|------------------------------|--|---------------------------|----------------------|-------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| SMITH, PORTER AND ANITA | 25 | 12 | 10 | 40% | 22 | 9 | 35% |
| SMITH, WILLIAM E. AND PATRICIA A. | 19 | 9 | 8 | 40% | 17 | 7 | 35% |
| SOUTHERN CALIFORNIA EDISON COMPANY | 600 | 270 | 240 | 40% | 510 | 210 | 35% |
| SOUTHERN CALIFORNIA GAS COMPANY | 98 | 45 | 40 | 40% | 85 | 35 | 35% |
| SPERRY, WESLEY | 104 | 47 | 42 | 40% | 89 | 37 | 35% |
| ST. ANTONY COPTIC ORTHODOX MONASTERY | 130 | 205 | 52 | 40% | 257 | 46 | 35% |
| STARKE, GEORGE A. AND JAYNE E. | 23 | 11 | 10 | 40% | 21 | 9 | 35% |
| SUNDOWN LAKES, INC. | 342 | 154 | 137 | 40% | 291 | 120 | 35% |
| SUNRAY LAND COMPANY, LLC (FORMERLY: SUNRAY ENERGY, INC) | 63 | 29 | 26 | 40% | 55 | 23 | 35% |
| SZYNKOWSKI, RUTH J. | 29 | 14 | 12 | 40% | 26 | 11 | 35% |
| TAPIE, RAYMOND L. | 18 | 9 | 8 | 40% | 17 | 7 | 35% |
| TEISAN, JERRY | 96 | 44 | 39 | 40% | 83 | 34 | 35% |
| THAYER, SHARON | 97 | 44 | 39 | 40% | 83 | 34 | 35% |
| THOMAS, STEPHEN AND LORI | 49 | 23 | 20 | 40% | 43 | 18 | 35% |
| TRIPLE H PARTNERSHIP | 218 | 99 | 88 | 40% | 187 | 77 | 35% |
| TSUI, RICHARD | 472 | 213 | 189 | 40% | 402 | 166 | 35% |
| TURNER, TERRY | 30 | 14 | 12 | 40% | 26 | 11 | 35% |
| UNION PACIFIC RAILROAD COMPANY | 249 | 113 | 100 | 40% | 213 | 88 | 35% |
| VACA, ANDY AND TERESITA S. | 20 | 7 | 8 | 40% | 15 | 7 | 35% |
| VAN BASTELAAR, ALPHONSE | 78 | 0 | 32 | 40% | 32 | 28 | 35% |
| VAN DAM FAMILY TRUST, GLEN AND JENNIFER | 5,430 | 2,444 | 2,172 | 40% | 4,616 | 1,901 | 35% |
| VAN LEEUWEN, JOHN | 2,018 | 868 | 808 | 40% | 1,676 | 707 | 35% |
| VANDER DUSSEN TRUST, AGNES AND EDWARD | 1,792 | 565 | 717 | 40% | 1,282 | 628 | 35% |
| WANG, STEVEN | 10 | 5 | 4 | 40% | 9 | 4 | 35% |
| WARD, RAYMOND | 105 | 0 | 42 | 40% | 42 | 37 | 35% |
| WEEMS, LIZZIE | 53 | 24 | 22 | 40% | 46 | 19 | 35% |
| WEERAISINGHE, MAITHRI N. | 15 | 7 | 6 | 40% | 13 | 6 | 35% |

APPENDIX H

MARCH 28, 2018

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2017-18
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2018-19
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

| PRODUCER | BASE ANNUAL PRODUCTION | 2017-18 FREE PRODUCTION ALLOWANCE ¹ | | | | 2018-19 FREE PRODUCTION ALLOWANCE ² | |
|----------------------------------|------------------------------|--|---------------------------|----------------------|---------------|---|----------------------|
| | | CARRYOVER FROM PREVIOUS YEAR | FREE PRODUCTION ALLOWANCE | | TOTAL | ACRE-FEET | PERCENTAGE OF BAP |
| | | | ACRE-FEET | PERCENTAGE OF BAP | | | |
| WESTERN HERITAGE, INC. | 854 | 385 | 342 | 40% | 727 | 299 | 35% |
| WESTERN HORIZON ASSOCIATES, INC. | 1,363 | 199 | 546 | 40% | 745 | 478 | 35% |
| WET SET, INC. | 326 | 114 | 131 | 40% | 245 | 115 | 35% |
| WITTE, E. DANIEL AND MARCIA | 27 | 13 | 11 | 40% | 24 | 10 | 35% |
| WLSR, INC. | 250 | 113 | 100 | 40% | 213 | 88 | 35% |
| WORSEY, JOSEPH A. AND REVAE | 29 | 14 | 12 | 40% | 26 | 11 | 35% |
| TOTAL | 63,929 | 23,808 | 25,632 | | 49,440 | 22,456 | |

NOTES FOR APPENDIX H

- 1 FREE PRODUCTION ALLOWANCE IS EQUAL TO 80% OF BASE ANNUAL PRODUCTION FOR THE ESTE, OESTE AND CENTRO SUBAREAS AND 40% OF BASE ANNUAL PRODUCTION FOR THE BAJA SUBAREA FOR 2017-18 BASED ON THE COURT ORDER DATED JULY 3, 2017. 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 2018-19 (SUBJECT TO COURT APPROVAL).

ESTE SUBAREA: FREE PRODUCTION ALLOWANCE TO REMAIN AT 80% FOR THE 2018-19 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 2018-19 WATER YEAR BUT IS HELD IN ABEYANCE AT 80% FOR AT LEAST ANOTHER YEAR. 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 2018-19 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 2018-19 WATER YEAR.

BAJA SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL TO 35% OF BASE ANNUAL PRODUCTION FOR THE 2018-19 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.

APPENDIX I

AMENDED APPENDIX B FOR WATER YEAR 2015-16

RECONCILED FOR CARRYOVER TRANSFERS IN LIEU OF

PAYMENT OF REPLACEMENT AND MAKEUP WATER ASSESSMENTS

AND ALL OTHER ERRATA

AMENDED APPENDIX B FOR WATER YEAR 2015-16
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 | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | |
|--|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|-------------|---|--------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL | |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | WATER | WATER | | |
| | | | | | | | | | | | | \$515.00/AF | N/A | | |
| 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 | 31 | 31 | 31 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 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 | (57) | 263 | 0 | 263 | 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 | | 0 | | | 0.00 | | | |
| 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) | (26) | 1,989 | 0 | 995 | 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 | 6 | 19 | 19 | 0 | 0 | 13 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 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) | (4) | 137 | 105 | 32 | 0 | 105 | 0.00 | 0.00 | 0.00 | 0.00 | |
| JUNIPER RIVIERA COUNTY WATER DISTRICT | 37 | 30 | 0 | 32 | 4 | 66 | 66 | 0 | 0 | 62 | 0.00 | 0.00 | 0.00 | 0.00 | |

**AMENDED APPENDIX B FOR WATER YEAR 2015-16
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 | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | |
|---|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|-------------|---|--------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL | |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | 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) | (71) | 2,686 | 1,406 | 1,280 | 0 | 1,406 | 0.00 | 0.00 | 0.00 | 0.00 | |
| MITSUBISHI CEMENT CORPORATION | 1,395 | 1,116 | 1,116 | (66) | (77) | 2,089 | 373 | 1,039 | 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 | 26 | 26 | 26 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 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 | 77 | 77 | 77 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 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 | 26 | 58 | 58 | 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 | 51 | 112 | 0 | 51 | 0.00 | 0.00 | 0.00 | 0.00 | |
| SPECIALTY MINERALS, INC. | 42 | 34 | 0 | 0 | 4 | 38 | 38 | 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 | 7 | 0 | (4) | 11 | 0 | 4 | 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 | 71 | 143 | 143 | 0 | 0 | 72 | 0.00 | 0.00 | 0.00 | 0.00 | |
| WEST END MUTUAL WATER COMPANY | 30 | 24 | 24 | 0 | (6) | 42 | 9 | 18 | 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 | 14,808 | 1 | 4,022 | 0.00 | 515.00 | 0.00 | 515.00 | |

AMENDED APPENDIX B FOR WATER YEAR 2015-16
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)

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 ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED ⁷ FPA | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL |
| | | | | 2014-15 | 2015-16 | | | | | | | WATER | WATER | |
| | | | | CARRYOVER ³ | FPA ⁴ | | | | | | | | | |
| AEROCHEM, INC. | 660 | 528 | 528 | 0 | (528) | 528 | 12 | 0 | 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 | (77) | 77 | 26 | 0 | 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 | 618 | 2,000 | 2,000 | 0 | 0 | 1,382 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | (13) | 51 | 0 | 19 | 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 | 3,902 | 0 | 2,966 | 0.00 | 0.00 | 0.00 | 0.00 |

APPENDIX I

MARCH 28, 2018

AMENDED APPENDIX B FOR WATER YEAR 2015-16
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)

ALTO SUBAREA

| PRODUCER | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | |
|---|-----------------------------------|---|---|------------------------|------------------|--------------------|--|----------------------------|---|---|-------------------------------|-------------|---|----------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL | |
| | | | | 2014-15 | 2015-16 | | | | | | | WATER | WATER | | |
| | | | | CARRYOVER ³ | FPA ⁴ | | | | | | | \$515.00/AF | \$515.00/AF | | |
| 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 | 1,516 | 4,136 | 4,136 | 0 | 0 | 3,378 | 0.00 | 0.00 | 0.00 | 0.00 | |
| ADES, JOHN AND DEVON | 37 | 30 | 25 | 0 | (30) | 25 | 5 | 0 | 0 | 5 | 0.22 | 0.00 | 113.30 | 113.30 | |
| AGCON, INC. | 384 | 231 | 48 | (48) | 0 | 231 | 154 | 77 | 0 | 154 | 0.00 | 0.00 | 0.00 | 0.00 | |
| AMERICAN STATES WATER COMPANY | 1,000 | 600 | 600 | (596) | (307) | 297 | 0 | 293 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT | 167 | 101 | 17 | (10) | (24) | 84 | 83 | 1 | 0 | 83 | 0.00 | 0.00 | 0.00 | 0.00 | |
| APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT | 125 | 75 | 0 | 0 | 24 | 99 | 99 | 0 | 0 | 75 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 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 | 1 | 23 | 23 | 0 | 0 | 22 | 0.00 | 0.00 | 0.00 | 0.00 | |
| APPLE VALLEY, TOWN OF | 1,082 | 650 | 257 | (191) | 0 | 716 | 443 | 273 | 0 | 443 | 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 | 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 | (410) | 412 | 2 | 2 | 0 | 2 | 0.09 | 0.00 | 46.35 | 46.35 | |
| BASTIANON REVOCABLE TRUST | 77 | 62 | 61 | (61) | (61) | 1 | 1 | 0 | 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) | (614) | 26 | 26 | 0 | 0 | 26 | 0.00 | 0.00 | 0.00 | 0.00 | |
| BROWN, BOBBY G. AND VALERIA R. | 42 | 34 | 34 | (34) | (30) | 4 | 2 | 2 | 0 | 2 | 0.09 | 0.00 | 46.35 | 46.35 | |
| BROWN, JENNIFER | 41 | 33 | 28 | (28) | (28) | 5 | 5 | 0 | 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) | (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 | 0.09 | 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 | 0.00 | 0.00 | 0.00 | 0.00 | |
| CDFW - MOJAVE NARROWS REGIONAL PARK | 2,107 | 1,265 | 0 | 0 | 384 | 1,649 | 1,649 | 0 | 0 | 1,265 | 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 | 407 | 1,307 | 1,307 | 0 | 0 | 900 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 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) | (76) | 4 | 4 | 0 | 0 | 4 | 0.00 | 0.00 | 0.00 | 0.00 | |
| DORA LAND, INC. | 15 | 12 | 12 | (12) | 0 | 12 | 0 | 12 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 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 | |

APPENDIX I

MARCH 28, 2018

AMENDED APPENDIX B FOR WATER YEAR 2015-16
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)

ALTO SUBAREA

| PRODUCER | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | |
|--|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|---|--------------------------------|------------|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$515.00/AF | MAKEUP WATER \$515.00/AF | TOTAL |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | | | |
| FEDERAL BUREAU OF PRISONS, VICTORVILLE | 686 | 412 | 0 | 0 | (412) | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| FISCHER REVOCABLE LIVING TRUST | 36 | 29 | 28 | (28) | (28) | 1 | 1 | 0 | 0 | 1 | 0.04 | 0.00 | 20.60 | 20.60 |
| FISHER TRUST, JEROME R. | 633 | 507 | 441 | (441) | (507) | 0 | 0 | 0 | 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) | (40) | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| GOLDEN STATE WATER COMPANY | 940 | 564 | 0 | 0 | 307 | 871 | 871 | 0 | 0 | 568 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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) | (8) | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| HALANNA EQUITIES III | 19 | 16 | 13 | (13) | (8) | 8 | 8 | 0 | 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) | (744) | 1,486 | 1,486 | 0 | 0 | 1,486 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | 37 | 444 | 477 | 0 | 33 | 407 | 0.00 | 16,995.00 | 0.00 | 16,995.00 |
| 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 | 4,558 | 12,945 | 13,207 | 0 | 262 | 8,637 | 0.00 | 134,930.00 | 0.00 | 134,930.00 |
| HESPERIA, CITY OF | 6,736 | 4,042 | 3,742 | (3,742) | (4,042) | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| HI-GRADE MATERIALS COMPANY | 149 | 90 | 75 | (75) | 0 | 90 | 14 | 76 | 0 | 14 | 0.00 | 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 | 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) | (2,800) | 1,930 | 1,071 | 859 | 0 | 1,071 | 0.00 | 0.00 | 0.00 | 0.00 |
| JOHNSON, CARLEAN | 23 | 19 | 10 | 0 | 0 | 29 | 23 | 6 | 0 | 23 | 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 | 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 | 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 | 11 | (10) | (11) | 2 | 1 | 1 | 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 | (180) | 618 | 0 | 219 | 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 | 0.00 | 0.00 | 0.00 | 0.00 |

APPENDIX I

MARCH 28, 2018

**AMENDED APPENDIX B FOR WATER YEAR 2015-16
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)

ALTO SUBAREA

| PRODUCER | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | |
|--|-----------------------------------|---|---|------------------------|----------------------|--------------------|--|----------------------------|---|---|-------------------------------|---|--------------------------------|----------|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$515.00/AF | MAKEUP WATER \$515.00/AF | TOTAL |
| | | | | 2014-15 ³ | 2015-16 ⁴ | | | | | | | | | |
| | | | | CARRYOVER ³ | FPA ⁴ | | | | | | | | | |
| LOUNSBURY, J. PETER AND CAROLYN (SEE NOTE 13) | 181 | 145 | 145 | 0 | 0 | 290 | 0 | 145 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| LOW, DEAN | 199 | 160 | 160 | (160) | (160) | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| LUCKEY, MANLEY J. | 300 | 240 | 94 | (94) | (239) | 1 | 1 | 0 | 0 | 1 | 0.04 | 0.00 | 20.60 | 20.60 |
| MARIANA RANCHOS COUNTY WATER DISTRICT | 245 | 147 | 0 | 0 | 41 | 188 | 188 | 0 | 0 | 147 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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) | (28) | 1 | 1 | 0 | 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 | 1 | 1 | 1 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | 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 | 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 | 27 | 92 | 92 | 0 | 0 | 65 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAN BERNARDINO COUNTY SERVICE AREA 42 | 465 | 279 | 213 | (213) | (69) | 210 | 65 | 145 | 0 | 65 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAN BERNARDINO COUNTY SERVICE AREA 64 | 3,822 | 2,294 | 608 | 200 | 0 | 3,102 | 2,395 | 707 | 0 | 2,395 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAN BERNARDINO COUNTY SERVICE AREA 70J | 1,015 | 609 | 0 | 389 | 482 | 1,480 | 1,480 | 0 | 0 | 1,078 | 0.00 | 0.00 | 0.00 | 0.00 |
| SAPP, ROBERT D. AND LEE, TERESA J. | 42 | 34 | 26 | (26) | (27) | 7 | 7 | 0 | 0 | 7 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | 0.00 | 0.00 | 0.00 | 0.00 |
| SPRING VALLEY LAKE ASSOCIATION | 3,768 | 2,261 | 0 | 41 | 443 | 2,745 | 2,745 | 0 | 0 | 2,381 | 0.00 | 0.00 | 0.00 | 0.00 |
| SPRING VALLEY LAKE COUNTRY CLUB | 977 | 587 | 0 | 0 | 122 | 709 | 709 | 0 | 0 | 587 | 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 |
| 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) | (38) | 8 | 8 | 0 | 0 | 8 | 0.36 | 0.00 | 185.40 | 185.40 |

APPENDIX I

MARCH 28, 2018

AMENDED APPENDIX B FOR WATER YEAR 2015-16
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)

ALTO SUBAREA

| PRODUCER | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | |
|--|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|---|--------------------------------|-------------------|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED ⁷ FPA | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$515.00/AF | MAKEUP WATER \$515.00/AF | TOTAL |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | | | |
| THOMPSON LIVING TRUST, JAMES A. AND SULA B. | 418 | 335 | 319 | (319) | (330) | 5 | 5 | 0 | 0 | 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| THOMPSON LIVING TRUST, R.L. AND R.A. | 13 | 11 | 6 | (6) | (6) | 5 | 5 | 0 | 0 | 5 | 0.00 | 0.00 | 0.00 | 0.00 |
| THRASHER, GARY | 373 | 299 | 277 | (277) | (276) | 23 | 23 | 0 | 0 | 23 | 0.00 | 0.00 | 0.00 | 0.00 |
| THUNDERBIRD COUNTY WATER DISTRICT | 118 | 71 | 0 | 0 | 38 | 109 | 108 | 0 | 0 | 71 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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) | (288) | 0 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| VICTOR VALLEY COMMUNITY COLLEGE DISTRICT | 240 | 144 | 0 | 0 | 184 | 328 | 328 | 0 | 0 | 144 | 0.00 | 0.00 | 0.00 | 0.00 |
| VICTOR VALLEY MEMORIAL PARK | 0 | 0 | 0 | 0 | 51 | 51 | 51 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| VICTORVILLE WATER DISTRICT, ID#1 (SEE NOTE 14) | 23,020 | 13,812 | 0 | 708 | 3,228 | 17,748 | 16,903 | 0 | 63 | 14,932 | 0.00 | 32,445.00 | 0.00 | 32,445.00 |
| VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 14) | 2,932 | 1,760 | 0 | 0 | 2,226 | 3,986 | 3,986 | 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 | 0.04 | 0.00 | 20.60 | 20.60 |
| WAGNER FAMILY TRUST | 1,224 | 980 | 980 | (980) | (980) | 0 | 0 | 0 | 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 | 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 | 0.04 | 0.00 | 20.60 | 20.60 |
| WESTERN RIVERS CONSERVANCY (FORMERLY: ROSS, CARL E. LIVING TRUST) | 10 | 8 | 0 | 0 | (7) | 1 | 1 | 0 | 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) | (497) | 77,482 | 61,505 | 9,078 | 384 | 54,519 | 10.50 | 197,760.00 | 5,407.50 | 203,167.50 |

**AMENDED APPENDIX B FOR WATER YEAR 2015-16
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)

CENTRO SUBAREA

| PRODUCER | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | | | |
|---|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|-------------|--------|-------|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | WATER | WATER | |
| | | | | | | | | | | | | \$515.00/AF | N/A | |
| APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT | 29 | 24 | 24 | (16) | (24) | 8 | 0 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| AQUA CAPITAL MANAGEMENT, LP | 2,336 | 1,869 | 1,869 | (384) | (1,425) | 1,929 | 0 | 444 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY | 120 | 96 | 96 | (96) | (88) | 8 | 0 | 8 | 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 | 11 | 11 | 11 | 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 | (181) | (289) | 108 | 0 | 0 | 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) | (101) | 20 | 4 | 16 | 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 MAE | 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) | (364) | 19,897 | 5,110 | 11,162 | 0 | 5,110 | 0.00 | 0.00 | 0.00 | 0.00 |
| GRILL, NICHOLAS P. AND MILLIE D. | 0 | 0 | 0 | 0 | 385 | 385 | 210 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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) | (122) | 0 | 0 | 0 | 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 |
| HELENDAL 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) | (274) | 3,111 | 88 | 1,594 | 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 |

AMENDED APPENDIX B FOR WATER YEAR 2015-16
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)

CENTRO SUBAREA

| PRODUCER | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | |
|--|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|----------------------|--------------|-------|---|--|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL | | | |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | WATER \$515.00/AF | WATER N/A | | | | |
| JORDAN FAMILY TRUST | 460 | 368 | 368 | 0 | (307) | 429 | 2 | 61 | 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) | (152) | 0 | 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 | | | | | | 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 | 24 | 24 | 12 | 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 | 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) | (383) | 189 | 18 | 0 | 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 | (385) | 771 | 171 | 193 | 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) | (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 | 37,588 | (2,450) | (4,194) | 69,596 | 19,195 | 33,322 | 0 | 18,133 | 0.00 | 0.00 | 0.00 | 0.00 | | | |

**AMENDED APPENDIX B FOR WATER YEAR 2015-16
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 | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | | | |
|---|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|-------------|--------|-------|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | WATER | WATER | |
| | | | | | | | | | | | | \$515.00/AF | N/A | |
| 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 TITAL 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 | 305 | 845 | 845 | 0 | 0 | 540 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | 48 | 276 | 276 | 0 | 0 | 228 | 0.00 | 0.00 | 0.00 | 0.00 |
| DAGGETT RANCH, LLC | 76 | 38 | 38 | 0 | 0 | 76 | 38 | 38 | 0 | 38 | 0.00 | 0.00 | 0.00 | 0.00 |

**AMENDED APPENDIX B FOR WATER YEAR 2015-16
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 | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | |
|--|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|-------------|---|----------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL | |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | WATER | WATER | | |
| | | | | | | | | | | | | \$515.00/AF | N/A | | |
| 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) | (80) | 93 | 15 | 41 | 0 | 15 | 0.00 | 0.00 | 0.00 | 0.00 | |
| HORTON'S CHILDREN'S TRUST | 199 | 100 | 0 | 0 | 40 | 140 | 127 | 0 | 0 | 100 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 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) | (77) | 110 | 1 | 107 | 0 | 1 | 0.00 | 0.00 | 0.00 | 0.00 | |

**AMENDED APPENDIX B FOR WATER YEAR 2015-16
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 | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | | |
|--|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|---|--------|-------|--|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL | |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | WATER | WATER | | |
| | | | | | | | | | | | | \$515.00/AF | N/A | | |
| HYATT, JAMES AND BRENDA | 210 | 105 | 116 | 0 | (19) | 202 | 17 | 86 | 0 | 17 | 0.00 | 0.00 | 0.00 | 0.00 | |
| IM, NICHOLAS NAK-KYUN | 150 | 75 | 0 | 0 | 27 | 102 | 102 | 0 | 0 | 75 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 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 | (247) | 1,891 | 1,767 | 124 | 0 | 1,767 | 0.00 | 0.00 | 0.00 | 0.00 | |
| KASNER, ROBERT | 5,713 | 2,857 | 0 | 1,364 | 247 | 4,468 | 4,468 | 0 | 0 | 4,221 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 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 | 138 | 214 | 0 | 138 | 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 | |

**AMENDED APPENDIX B FOR WATER YEAR 2015-16
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 | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | |
|---|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|---|--------|--------|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED FPA ⁷ | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT | MAKEUP | TOTAL |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | WATER | WATER | |
| | | | | | | | | | | | | \$515.00/AF | N/A | |
| | | | | | | | | | | | | | | |
| 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) | (299) | 1,465 | 0 | 866 | 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 I

MARCH 28, 2018

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

| | | | | | | | | | | | | | | |
|--|-------|-------|-------|-----|------|-------|-------|-------|---|-------|------|------|------|------|
| 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 | 69 | 69 | 69 | 0 | 0 | 0 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | 49 | 88 | 88 | 0 | 0 | 39 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 | (48) | 693 | 532 | 161 | 0 | 532 | 0.00 | 0.00 | 0.00 | 0.00 |
| WET SET, INC. | 308 | 154 | 0 | 76 | 0 | 230 | 144 | 65 | 0 | 144 | 0.00 | 0.00 | 0.00 | 0.00 |

AMENDED APPENDIX B FOR WATER YEAR 2015-16
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 | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | |
|-----------------------------|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|---|------------------------|-----------------|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED ⁷ FPA | REPLACEMENT WATER OBLIGATION ⁸ | SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER \$515.00/AF | MAKEUP WATER N/A | TOTAL |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | | | |
| 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) | 265 | 59,081 | 28,239 | 24,297 | 6 | 27,461 | 0.00 | 3,090.00 | 0.00 | 3,090.00 |

APPENDIX I - SUMMARY

MARCH 28, 2018

AMENDED APPENDIX B FOR WATER YEAR 2015-16
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 | 2015-16 FREE PRODUCTION ALLOWANCE | | | | | | PRODUCTION | | | | | ASSESSMENTS DUE BY JULY 1, 2017 (AMOUNTS IN DOLLARS) | | |
|-------------|-----------------------------------|---|---|-----------------------------------|-----------------------------|--------------------|--|----------------------------|---|---|-------------------------------|---|-----------------|------------|
| | BASE ANNUAL PRODUCTION | BASE FREE PRODUCTION ALLOWANCE ¹ | CARRYOVER FROM PREVIOUS YEAR ² | TRANSFERS + OR (-) | | TOTAL ⁵ | 2015-16 VERIFIED PRODUCTION ⁶ | UNUSED ⁷ FPA | REPLACEMENT WATER OBLIGATION ⁸ | PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹ | MAKEUP WATER OBLIGATION | REPLACEMENT WATER | MAKEUP WATER | TOTAL |
| | | | | 2014-15 CARRYOVER ³ | 2015-16 FPA ⁴ | | | | | | | | | |
| ESTE | 19,251 | 15,422 | 14,678 | (206) | 0 | 29,894 | 4,268 | 14,808 | 1 | 4,022 | 0.00 | 515.00 | 0.00 | 515.00 |
| OESTE | 6,857 | 5,488 | 4,934 | 0 | 0 | 10,422 | 3,584 | 3,902 | 0 | 2,966 | 0.00 | 0.00 | 0.00 | 0.00 |
| ALTO | 114,308 | 70,514 | 20,937 | (13,472) | (497) | 77,482 | 66,831 | 9,078 | 384 | 54,519 | 10.50 | 197,760.00 | 5,407.50 | 203,167.50 |
| CENTRO | 49,477 | 38,652 | 37,588 | (2,450) | (4,194) | 69,596 | 19,195 | 33,322 | 0 | 18,133 | 0.00 | 0.00 | 0.00 | 0.00 |
| BAJA | 63,929 | 32,002 | 27,576 | (762) | 265 | 59,081 | 28,239 | 24,297 | 6 | 27,461 | 0.00 | 3,090.00 | 0.00 | 3,090.00 |
| GRAND TOTAL | 253,822 | 162,078 | 105,713 | (16,890) | (4,426) | 246,475 | 122,117 | 85,407 | 391 | 107,101 | 10.50 | 201,365.00 | 5,407.50 | 206,772.50 |

NOTES FOR APPENDIX I

- 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 CDFW - 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 J

MOJAVE BASIN AREA WATERMASTER

NOTICE LIST

APPENDIX J

MARCH 28, 2018

MOJAVE BASIN AREA WATERMASTER NOTICE LIST

| OWNER | DESIGNEE | OWNER | DESIGNEE |
|--|--------------------------------|---|----------------------------|
| 35250 YERMO, LLC | ROBERTO MUNOZ | BROWN, BOBBY G. AND VALERIA R. | PAUL JOHNSON |
| ABDUL, HARRY AND ANITA | JACKIE MCEVOY | BROWN, JENNIFER | JENNIFER BROWN |
| ABSHIRE, DAVID V. | JOHN MCCALLUM | BROWN, RONALD A. | RONALD A. BROWN |
| ADELANTO, CITY OF | DEBORAH BUCKINGHAM | BROWN, SUE AND DOUG | SUE AND DOUG BROWN |
| ADES, JOHN AND DEVON | JOHN AND DEVON ADES | BRUNEAU, KAREN | KAREN BRUNEAU |
| AEROCHEM, INC. | KENT T. CHRISTENSON | BRYANT, IAN | IAN BRYANT |
| AGCON, INC. | LORI CLIFTON | BUDGET FINANCE COMPANY | NOAH FURIE |
| AHN REVOCABLE LIVING TRUST | CHUN SOO AND WHA JA AHN | BUNNELL, DICK | DICK BUNNELL |
| AHN REVOCABLE TRUST | SIMON AHN | BUSH, KEVIN | KEVIN BUSH |
| AHN, CHUN SOO AND DAVID | DAVID AHN | CALICO JUNCTION | HARVEY J. WALKER JR. |
| AHN, CHUN SOO AND WHA JA | CHUN SOO AHN | CALICO LAKES HOMEOWNERS ASSOCIATION | JASON KRATZ |
| AKE, CHARLES J. AND MARJORIE M. | CHARLES J. AND MARJORIE M. AKE | CALIFORNIA DEPARTMENT OF TRANSPORTATION | MICHAEL P. NAZE |
| AMERICAN STATES WATER COMPANY | ANA CHAVEZ | CALMAT COMPANY | ROBERT W. BOWCOCK |
| ANDERSON, ROSS C. AND BETTY J. | ROSS C. AND BETTY J. ANDERSON | CALMAT COMPANY | ROBERT W. BOWCOCK |
| APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT | DANIEL B. SMITH | 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 | TINA KUHN | 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 | FORREST WILLIAMS |
| AVILA, ANGEL AND EVALIA | ANGEL AND EVALIA AVILA | CEMEX, INC. | DARLENE BRAY |
| BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R. | SHERÉ R. BAILEY | CENTER WATER COMPANY | CARMEN FOX |
| BAR H MUTUAL WATER COMPANY | DANIEL SHAW | CF PROPERTIES, LLC | CARIN MCKAY |
| BARBER, JAMES B. | JAMES B. BARBER | CHAFAR, 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 | TEDDI 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 | CHUNG, ET AL. | HWA-YONG CHUNG |
| BEINSCHROTH FAMILY TRUST | MIKE BEINSCHROTH | CLARK, ARTHUR | ARTHUR CLARK |
| BELL, CHUCK | CHUCK BELL | CLUB VIEW PARTNERS | MANOUCHER SARBAZ |
| BENDER TRUST, DOLORES M. | DOLORES M. BENDER | CONNER, WILLIAM H. | WILLIAM H. CONNER |
| BEST, BYRON L. | BYRON L. BEST | CONTRATTO, ERSULA | ERSULA CONTRATTO |
| BORGOGNO REVOCABLE LIVING TRUST | ROBERTA BORGOGNO | CORBRIDGE, LINDA S. | GEORGE STARKE |
| BORJA, LEONIL T. AND TITAL L. | LEONIL T. AND TITAL L. BORJA | CROSS, FRANCIS AND BEVERLY | FRANCIS AND BEVERLY CROSS |
| BRACHT, WILLIAM F. AND ALEXANDER, ALICIA M. | ALICIA ALEXANDER | CROSS, SHARON I. | SHARON I. CROSS |
| BREDELIS, RONALD C. AND JEAN | RONALD C. AND JEAN BREDELIS | CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION | ALESSIA MORRIS |
| BROMMER FAMILY TRUST | MARVIN AND CARROLL BROMMER | CUNNINGHAM, JERRY | JERRY CUNNINGHAM |

APPENDIX J

MARCH 28, 2018

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

| OWNER | DESIGNEE | OWNER | DESIGNEE |
|--|------------------------------------|--|----------------------------------|
| DACOSTA, DEAN EDWARD | DEAN EDWARD DACOSTA | GENON ENERGY, INC. | STEVE SWIFT |
| DAGGETT COMMUNITY SERVICES DISTRICT | DAVE NEWMAN | GOLDEN STATE WATER COMPANY | NEREIDA GONZALEZ |
| DAGGETT RANCH, LLC | STEVE AND DANA RIVETT | GORDON ACRES WATER COMPANY | DENISE JOHNSON |
| DAHLQUIST, GEORGE R. | GEORGE R. DAHLQUIST | GRAY, GEORGE F. AND BETTY E. | GEORGE F. AND BETTY E. GRAY |
| DARR, JAMES S. | JAMES S. DARR | GREEN ACRES ESTATES | BRIAN E. BOLIN |
| DE JONG FAMILY TRUST | ALAN L. DE JONG | GRILL, NICHOLAS P. AND MILLIE D. | NICK GRILL |
| DE VRIES, NEIL AND MARY FAMILY TRUST | NEIL DE VRIES | GUBLER, HANS | HANS GUBLER |
| DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE | RANDY WAGNER | GULBRANSON, MERLIN | TAMARA J SKOGLUND |
| DESERT DAWN MUTUAL WATER COMPANY | MARIE MCDANIEL | GUTIERREZ, JOSE AND GLORIA | JOSE AND GLORIA GUTIERREZ |
| DESERT SPRINGS MUTUAL WATER COMPANY | DENISE COURTNEY | HAAS, BRYAN C. AND HINKLE, MARY H. | BRYAN C. HAAS AND MARY H. HINKLE |
| DJC CORPORATION | MAGDALENA JONES | HACKBARTH, EDWARD E. | EDWARD E. HACKBARTH |
| DOCIMO LIVING TRUST, ALLEN LEE | ALLEN LEE DOCIMO | HALANNA EQUITIES III | ALEXANDRA LIOANAG |
| DOLCH, ROBERT AND JUDY | LARRY WARREN | HAL-DOR LTD. | MAGDALENA JONES |
| DONALDSON, JERRY AND BEVERLY | JERRY AND BEVERLY DONALDSON | HAMILTON FAMILY TRUST | DOUG AND CHERYL HAMILTON |
| DORA LAND, INC. | JEFFERY LIDMAN | HANDRINOS, NICOLE A. | WILLIAM HANDRINOS |
| DORRANCE, DAVID W. AND TAMELA L. | DAVID DORRANCE | HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH | DONALD F. HANIFY |
| DOSSEY, D. A. | D. A. DOSSEY | HANSON AGGREGATES WRP, INC. | MATT WOOD |
| DOWELL, LEONARD | LEONARD DOWELL | HARESON, NICHOLAS AND MARY | MARY JANE HARESON |
| EVENSON, EDWIN H. AND JOYCELAINE C. | EDWIN H. AND JOYCELAINE C. EVENSON | HARMSEN FAMILY TRUST | KENNY HARMSEN |
| EVERT FAMILY TRUST | STEPHANIE L. EVERT | HARPER LAKE COMPANY VIII | GLEN KING |
| EYGNOR, ROBERT E. AND PATSY C. | ROBERT E. AND PATSY C. EYGNOR | HARTER, JOE AND SUE | JOE AND SUE HARTER |
| FEDERAL BUREAU OF PRISONS, VICTORVILLE | BRETT JURGENSEN | HARVEY, LISA M. | LISA M. HARVEY |
| FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE | HEATHER M STERN | HASS, PAULINE L. | PAULINE L. HASS |
| FEJFAR, MONICA KAY | MONICA KAY FEJFAR | HELENDALE COMMUNITY SERVICES DISTRICT | CRAIG CARLSON |
| FERNANDEZ, ARTURO | ARTURO FERNANDEZ | HELENDALE COMMUNITY SERVICES DISTRICT | KIMBERLY COX |
| FERRO, DENNIS AND NORMA | DENNIS AND NORMA FERRO | HELENDALE SCHOOL DISTRICT | DEANNA DIBBLE |
| FIRST CPA LLC | ALEX AND JERRICA LIU | HENDLEY, RICK AND BARBARA | JIM MARTIN |
| FISCHER REVOCABLE LIVING TRUST | CARL FISCHER | HENSLEY, MARK P. | MARK P. HENSLEY |
| FISHER TRUST, JEROME R. | PAUL JOHNSON | HERT, SCOTT | SCOTT HERT |
| FRATES, D. COLE | D. COLE FRATES | HESPERIA - GOLF COURSE, CITY OF | JEREMY MCDONALD |
| FRAZIER, ET AL. | MARTIN FRAZIER | HESPERIA VENTURE I, LLC | JANIE MARTINES |
| FRIEND, JOSEPH AND DEBORAH | DEBORAH A. FRIEND | HESPERIA WATER DISTRICT | JEREMY MCDONALD |
| FUNDAMENTAL CHRISTIAN ENDEAVORS, INC. | MARK ASAY | HESPERIA, CITY OF | JEREMY MCDONALD |
| GABRYCH, EUGENE | EUGENE GABRYCH | HETTINGA, HEIN AND ELLEN | PATRICIA MOHR |
| GABRYCH, EUGENE | MITCH HAMMACK | HI DESERT MUTUAL WATER COMPANY | ED KNAUFF |
| GAETA, MIGUEL AND MARIA | MIGUEL AND MARIA GAETA | HIETT, HARRY L. | HARRY L. HIETT |
| GAETA, TRINIDAD | JAY STORER | HIGH DESERT ASSOCIATES, INC. | ROBERT W. BOWCOCK |
| GAINES FAMILY TRUST, JACK AND MARY | BRUCE GAINES | HI-GRADE MATERIALS COMPANY | LORI CLIFTON |
| GARCIA, DANIEL | DANIEL GARCIA | HI-GRADE MATERIALS COMPANY | LORI CLIFTON |
| GARDENA MISSION CHURCH, INC. | SANG HWAL KIM | HILARIDES 1998 REVOCABLE FAMILY TRUST | FRANK HILARIDES |
| GARG, OM P. | OM P. GARG | HILL FAMILY TRUST AND HILL'S RANCH, INC. | KATHERINE HILL |
| GAYJIKIAN, SAMUEL AND HAZEL | BRENT PETERSON | HITCHIN LUCERNE, INC. | MARY THOMAS |

APPENDIX J

MARCH 28, 2018

MOJAVE BASIN AREA WATERMASTER NOTICE LIST

| OWNER | DESIGNEE | OWNER | DESIGNEE |
|---|------------------------------------|--|----------------------------------|
| HO, TING-SENG AND AH-GIT | TING-SENG AND AH-GIT HO | KOEGLER, RONALD R. AND CAROLYN V. | RONALD R. AND CAROLYN V. KOEGLER |
| HOLLISTER, ROBERT H. AND RUTH M. | JOAN ROHRER | KOERING, RICHARD AND KOERING, DONNA | RICHARD KOERING AND DONNA |
| HOLWAY JEFFREY R AND PATRICIA GAGE | JEFFREY R HOLWAY AND PATRICIA GAGE | KOROGHLIAN, TED AND NAJWA | TED AND NAJWA KOROGHLIAN |
| HOLWAY, JEFFREY R | JEFFREY R HOLWAY | KOSHAREK, JOHN AND JOANN | JOHN AND JOANN KOSHAREK |
| HONG, PAUL B. AND MAY | PAUL HONG | LAGUNA WATER II, LTD. | BRUCE H.C. HILL |
| HOOD FAMILY TRUST | SANDRA D. HOOD | LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT | CATHERINE CERRI |
| HORTON, JOHN | GRETCHEN 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, JAMES - INDUSTRIAL | JAMES LANGLEY |
| HUNT, RALPH M. AND LILLIAN F. | RALPH HUNT | LANGLEY, MICHAEL R. AND SHARON | MICHAEL R. AND SHARON LANGLEY |
| HYATT, JAMES AND BRENDA | DANIEL AND KAREN GRAY | LAVANH, ET AL. | VANESSA LAOSY |
| IM, NICHOLAS NAK-KYUN | STEVE KIM | LAWRENCE, WILLIAM W. | ROBERT LAWRENCE JR. |
| IRVIN, BERTRAND W. | BERTRAND W. IRVIN | LAWSON, ERNEST AND BARBARA | ERNEST AND BARBARA LAWSON |
| ITALMOOD INC., ET. AL. | SEBASTIAN MARZARO | LEE, ANNA K. AND ESHBAN K. | ANNA K. LEE |
| JACKS, JAMES F. | JAMES F. JACKS | LEE, DOO HWAN | DOO HWAN LEE |
| JACKSON, JAMES N. JR REVOCABLE LIVING TRUST | JAMES JACKSON JR. | LEE, ET AL., SEPOONG AND WOO POONG | SEPOONG & WOO POONG LEE |
| JACKSON, RAY REVOCABLE TRUST NO. 45801 | LAWRENCE DEAN | LEE, VIN JANG T. | ERIC ARCHIBEK |
| JAMBOREE HOUSING CORPORATION | LINDA RAINER | LEM, HOY | VIRGINIA JANOVSKY |
| JESS RANCH WATER COMPANY | GARY A. LEDFORD | LENHERT, RONALD AND TONI | RONALD AND TONI LENHERT |
| JOHNSON, CARLEAN | CARLEAN JOHNSON | LHC ALLIGATOR, LLC | BRAD FRANCKE |
| JOHNSON, JAMES R. AND ELLEN | JAMES R. AND ELLEN JOHNSON | LIANG, YUAN - I AND TZU - MEI CHEN | BILLY LIANG |
| JOHNSON, RONALD | RONALD JOHNSON | LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. | ERIC LARSEN |
| JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W. | LAWRENCE W. JOHNSTON | LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. | ERIC LARSEN |
| JONES, JOETTE | JOETTE JONES | LIN, KUAN JUNG AND CHUNG, DER-BING | JAMES LIN |
| JORDAN FAMILY TRUST | PAUL JORDAN | LO, ET AL. | MEI LI |
| JUBILEE MUTUAL WATER COMPANY | RAY GAGNE | LOPEZ, BALTAZAR | PATRICIA MIRANDA |
| JUNIPER RIVIERA COUNTY WATER DISTRICT | DENISE JOHNSON | LOUNSBURY, CAROLYN JOY | CAROLYN JOY LOUNSBURY |
| KANESAKA, KENJI AND YUKARI | KENJI AND YUKARI KANESAKA | LOW, DEAN | DEAN LOW |
| KARIMI, HOOSHANG | ASH KARIMI | LUA, MICHAEL T. AND DONNA S. | MICHAEL T. AND DONNA S. LUA |
| KASNER FAMILY LIMITED PARTNERSHIP | ROBERT R. KASNER | LUCERNE VALLEY MUTUAL WATER COMPANY | GWEN L. BEDICS |
| KASNER FAMILY LIMITED PARTNERSHIP | ROBERT R. KASNER | LUCERNE VALLEY PARTNERS | MANOUCHER SARBAZ |
| KASNER, ROBERT | ROBERT KASNER | LUCERNE VISTA MUTUAL WATER COMPANY | MARIAN VALENT |
| KATCHER, AUGUST M. AND MARCELINE | AUGUST M. AND MARCELINE KATCHER | LUCKEY 2010 REVOCABLE TRUST | CAROLYN LUCKY |
| KEMP, ROBERT AND ROSE | ROBERT AND ROSE KEMP | M BIRD CONSTRUCTION | EUGENE R. & VICKIE R. BIRD |
| KEMPER CAMPBELL RANCH | PEGGY SHAUGHNESSY | M.B. LANDSCAPING AND NURSERY, INC. | MARIA MARTINEZ |
| KIM, JIN S. AND HYUN H. | JIN S. AND HYUN H. KIM | MAHJOUBI, AFSAR S. | ROBERT SAIDI |
| KIM, JOON HO AND MAL BOON REVOCABLE TRUST | ALAN AND ANNETTE DE JONG | MALONEY, JANICE | JANICE MALONEY |
| KIM, JU SANG | JU SANG KIM | MANNING, SHARON S. | JIMMY BERRY |
| KIM, SEON JA | SEON JA KIM | MARCROFT, JAMES A. AND JOAN | ALLEN MARCROFT |

APPENDIX J

MARCH 28, 2018

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

| OWNER | DESIGNEE | OWNER | DESIGNEE |
|---|---------------------------------|--|-----------------------------|
| MARIANA RANCHOS COUNTY WATER DISTRICT | JAMES M. HANSEN, JR. | PETTIGREW, DAN | DAN PETTIGREW |
| MARSHALL, CHARLES | CHARLES MARSHALL | PETTIGREW, JAMES AND CHERLYN | JAMES PETTIGREW |
| 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 | POZZATO PARTNERS, LIMITED | EZZELINO POZZATO |
| MILLER LIVING TRUST | DONNA MILLER | PRICE, DONALD AND RUTH | DONALD AND RUTH PRICE |
| MITSUBISHI CEMENT CORPORATION | DAVID RIB | PRUETT, ANDREA | ANDREA PRUETT |
| MIZRAHIE, ET AL. | PHILIP MIZRAHIE | QUIROS, FRANCISCO J. AND HERRMANN, RONALD | RON HERRMANN |
| MLH, LLC | THOMAS A. HRUBIK | RANCHERITOS MUTUAL WATER COMPANY | ELIZABETH MURENA |
| MOJAVE SOLAR, LLC | JOSE MANUEL BRAVO | REED, MIKE | MIKE REED |
| MOJAVE WATER AGENCY | | RICE, HENRY C. AND DIANA | KELLY RICE |
| MONACO INVESTMENT COMPANY | MANOUCHER SARBAZ | RIM PROPERTIES, A GENERAL PARTNERSHIP | IAN BRYANT |
| MORRIS TRUST, JULIA V. | BILLIE ELLIOT | RIOS, MARIANO V. | JOSIE 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 FAMILY TRUST | PEARL OR GAIL NUNN | SAGABEAN-BARKER, KANOELOKELANI L. | KANOE BARKER |
| 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 | JARED BEYELER |
| ODESSA WATER DISTRICT | CURT MITCHELL | SAN BERNARDINO COUNTY SERVICE AREA 29 | REESE TROUBLEFIELD |
| OHAI, REYNOLDS AND DOROTHY | DOROTHY OHAI | SAN BERNARDINO COUNTY SERVICE AREA 42 | JARED BEYELER |
| OMYA CALIFORNIA, INC. | DIEGO TERAN | SAN BERNARDINO COUNTY SERVICE AREA 64 | JARED BEYELER |
| ORO GRANDE SCHOOL DISTRICT | NICK HIGGS | SAN BERNARDINO COUNTY SERVICE AREA 70J | JARED BEYELER |
| 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 | SERVICE ROCK PRODUCTS CORPORATION | JACKIE MCEVOY |
| PATINO, JOSÉ | JOSÉ PATINO | SEXTON, RODNEY A. AND SEXTON, DEREK R. | ROD SEXTON |
| PEARCE, CRAIG L. | CRAIG L. PEARCE | SHAW, ROBERT M. AND LORI A. SLATER-SHAW | ROBERT M. SHAW |
| PEARSON, DERYL B. | DERYL B. PEARSON | SHENG, JEN | JEN SHENG |
| PERKO, BERT K. | BERT K. PERKO | SHEPPARD, THOMAS AND GLORIA | THOMAS AND GLORIA SHEPPARD |
| PERRY REVOCABLE LIVING TRUST, THOMAS AND PATRICIA | THOMAS PERRY | SHORT, CHARLES AND MARGARET | RON SHORT |

APPENDIX J

MARCH 28, 2018

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

| OWNER | DESIGNEE | OWNER | DESIGNEE |
|---|----------------------------------|--|-----------------------------|
| SHORT, JEROME E. | JEROME E. SHORT | VAN DAM FAMILY TRUST, GLEN AND JENNIFER | GLEN AND JENNIFER VAN DAM |
| SILVER LAKES ASSOCIATION | WESTLY CAMPBELL | VAN DAM REVOCABLE TRUST, E AND S | ELBERT AND SUSAN VAN DAM |
| SINGH, ET AL. | NEPAL SINGH | VAN LEEUWEN, JOHN | JOHN VAN LEEUWEN |
| SMITH, DENISE DBA AMEREQUINE BEAUTY, INC | DENISE SMITH | VANDER DUSSEN TRUST, AGNES AND EDWARD | AGNES VANDER DUSSEN |
| SMITH, PORTER AND ANITA | PORTER AND ANITA SMITH | VANHOOPS HOLDINGS, LP | TRACI HOOPS |
| SMITH, WILLIAM E. AND PATRICIA A. | WILLIAM E. AND PATRICIA A. SMITH | VERNOLA TRUST, PAT AND MARY ANN | JOHN DRISCOLL |
| SON'S RANCH | CHAN KYUN SON | VICTOR VALLEY COMMUNITY COLLEGE DISTRICT | STEVEN GARCIA |
| SOPPELAND REVOCABLE TRUST | JASON LAMOREAUX | VICTOR VALLEY MEMORIAL PARK | DEIDRA HITT |
| SOUTHERN CALIFORNIA EDISON COMPANY | ERIKA CLEMENT | VICTORVILLE WATER DISTRICT, ID#1 | STEVE ASHTON |
| SOUTHERN CALIFORNIA GAS COMPANY | SCOTT BREWER | VICTORVILLE WATER DISTRICT, ID#2 | STEVE ASHTON |
| SPECIALTY MINERALS, INC. | GERALD LIRA | VOGLER, ALBERT H. | ALBERT H. VOGLER |
| SPERRY, WESLEY | WESLEY SPERRY | WAGNER LIVING TRUST | JOAN WAGNER |
| SPILLMAN, JAMES R. AND NANCY J. | JAMES R. AND NANCY J. SPILLMAN | WAKULA FAMILY TRUST | CHRISTIAN JOSEPH WAKULA |
| SPRING VALLEY LAKE ASSOCIATION | DENNIS TEECE | WANG, STEVEN | STEVEN WANG |
| SPRING VALLEY LAKE COUNTRY CLUB | MITCHELL BROWN | WARD, KEN AND BARBARA | BARBARA ALLARD-WARD |
| ST. ANTONY COPTIC ORTHODOX MONASTERY | FATHER JOSEPH | WARD, RAYMOND | RAYMOND WARD |
| STARKE, GEORGE A. AND JAYNE E. | GEORGE A. AND JAYNE E. STARKE | WEEMS, LIZZIE | LIZZIE WEEMS |
| STORM, RANDALL | RANDALL STORM | WEERARINGHE, MAITHRI N. | MAITHRI N. WEERARINGHE |
| SUDMEIER, GLENN W. | GLENN W. SUDMEIER | WEISER, ET AL. | ALEXANDER WEISER |
| SUMMIT VALLEY RANCH, LLC | ALEXANDRA LIOANAG | WERNER, ANDREW J. | ANDREW J. WERNER |
| SUNDOWN LAKES, INC. | MARK RICHARDSON | WEST END MUTUAL WATER COMPANY | JAMES WOODY |
| SUNRAY LAND COMPANY, LLC | | WEST, HOWARD AND SUZY | HOWARD AND SUZY WEST |
| SZYNKOWSKI, RUTH J. | RUSSELL SZYNKOWSKI | WEST, JIMMIE E. | JIMMIE E. WEST |
| TALLAKSON FAMILY REVOCABLE TRUST | BILL AND ELIZABETH TALLAKSON | WESTERN DEVELOPMENT AND STORAGE, LLC | ANDREW WERNER |
| TAPIE, RAYMOND L. | RAYMOND L. TAPIO | WESTERN HERITAGE, INC. | ELIZABETH LARA |
| TEISAN, JERRY | JERRY TEISAN | WESTERN HORIZON ASSOCIATES, INC. | CHUNG CHO GONG |
| THAYER, SHARON | SHARON THAYER | WESTERN RIVERS CONSERVANCY | PETER COLBY |
| THE CUSHENBURY TRUST, C/O SPECIALTY MINERALS, INC. | LARRY J. ASHBY | WESTERN WATER COMPANY | WILMA SILVERIA |
| THOMAS, STEPHEN AND LORI | STEPHEN THOMAS | WESTLAND INDUSTRIES, INC. | ROBERTO RIVERA |
| THOMPSON LIVING TRUST, JAMES A. AND SULA B. | LYNNETTE L. THOMPSON | WET SET, INC. | THOMAS G. FERRUZZO |
| THOMPSON LIVING TRUST, R.L. AND R.A. | RODGER THOMPSON | WIENER, MELVIN AND MARIAM S. | MELVIN AND MARIAM S. WIENER |
| THRASHER, GARY | GARY THRASHER | WILSHIRE ROAD PARTNERS | MANOUCHER SARBAZ |
| THUNDERBIRD COUNTY WATER DISTRICT | ROY SHULL | WITHEY, CONNIE | CONNIE TAPIO |
| TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA | | WITTE, E. DANIEL AND MARCIA | E. DANIEL AND MARCIA WITTE |
| TRIPLE H PARTNERSHIP | JIM HOOVER | WLSR, INC. | MARK J. CLUFF |
| TROEGER FAMILY TRUST, RICHARD H. | MIKE TROEGER | WOOD, MICHAEL AND DENISE | MICHAEL AND DENISE WOOD |
| TSUI, RICHARD | RICHARD TSUI | WORSEY, JOSEPH A. AND REVAE | DAVID A. WORSEY |
| TURNER, TERRY | TERRY TURNER | WYATT FAMILY TRUST | DEBBY WYATT |
| UNION PACIFIC RAILROAD COMPANY | PETE OWEN | | |
| VACA, ANDY AND TERESITA S. | ANDY AND TERESITA S. VACA | | |
| VALENTI, VITO | VITO VALENTI | | |
| VAN BASTELAAR, ALPHONSE | DEAN VAN BASTELAAR | | |

APPENDIX K

PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT

2016-17 WATER YEAR

APPENDIX K

MARCH 28, 2018

**PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT
WATER YEAR 2016-17
(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 | TRANSFEE | TRANSFEE | | TRANSFEROR | |
| | | | | | | | | VERIFIED BASE ANNUAL PRODUCTION | BASE ANNUAL PRODUCTION RIGHT (PERCENT) | VERIFIED BASE ANNUAL PRODUCTION | BASE ANNUAL PRODUCTION RIGHT (PERCENT) |
| | | | | | | | | | | | |
| ALTO | ABBOTT, CARRON | 12 | 0.0103 | 10/26/2016 | SALE | 12 | HESPERIA WATER DISTRICT | 13,719 | 11.7849 | 0 | 0.0000 |
| BAJA | KASNER FAMILY LIMITED PARTNERSHIP | 1,501 | 2.2688 | 10/26/2016 | SALE | 658 | WESTERN HORIZON ASSOCIATES, INC. | 1,363 | 2.0603 | 843 | 1.2742 |
| BAJA | D'SILVA, MELANIE | 54 | 0.0816 | 02/22/2017 | SALE | 54 | POZZATO PARTNERS, LIMITED | 54 | 0.0816 | 0 | 0.0000 |
| BAJA | BOWMAN FAMILY TRUST | 11 | 0.0166 | 05/24/2017 | SALE | 11 | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 14 | 0.0212 | 0 | 0.0000 |
| BAJA | CRANDALL, ESTHER | 5 | 0.0076 | 05/24/2017 | SALE | 5 | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 19 | 0.0287 | 0 | 0.0000 |
| BAJA | JACKSON, RAY REVOCABLE TRUST NO. 45801 | 20 | 0.0302 | 05/24/2017 | SALE | 19 | EVERT FAMILY TRUST | 73 | 0.1103 | 1 | 0.0015 |
| BAJA | HUTCHISON TRUST, WILLIAM O. | 368 | 0.5563 | 07/26/2017 | SALE | 368 | LAKE WAINANI OWNERS ASSOCIATION | 858 | 1.2969 | 0 | 0.0000 |
| ALTO | LOUNSBURY, CAROLYN JOY | 181 | 0.1555 | 07/26/2017 | SALE | 181 | HESPERIA WATER DISTRICT | 13,900 | 11.9403 | 0 | 0.0000 |
| BAJA | BUSH, KEVIN | 110 | 0.1663 | 09/27/2017 | SALE | 110 | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 129 | 0.1950 | 0 | 0.0000 |
| ALTO | CUNNINGHAM, JERRY | 14 | 0.0120 | 09/27/2017 | SALE | 4 | HESPERIA WATER DISTRICT | 13,904 | 11.9438 | 10 | 0.0086 |
| BAJA | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 129 | 0.1950 | 09/27/2017 | SALE | 18 | CHEYENNE LAKE, INC. | 444 | 0.6711 | 111 | 0.1678 |
| BAJA | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 111 | 0.1678 | 09/27/2017 | SALE | 18 | CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION | 701 | 1.0596 | 93 | 0.1406 |
| BAJA | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 93 | 0.1406 | 09/27/2017 | SALE | 18 | LAKE JODIE PROPERTY OWNERS ASSOCIATION | 311 | 0.4701 | 75 | 0.1134 |
| BAJA | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 75 | 0.1134 | 09/27/2017 | SALE | 2 | LAKE WAINANI OWNERS ASSOCIATION | 860 | 1.2999 | 73 | 0.1103 |
| BAJA | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 73 | 0.1103 | 09/27/2017 | SALE | 18 | O. F. D. L., INC. | 222 | 0.3356 | 55 | 0.0831 |
| BAJA | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 55 | 0.0831 | 09/27/2017 | SALE | 18 | SUNDOWN LAKES, INC. | 342 | 0.5170 | 37 | 0.0559 |
| BAJA | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 37 | 0.0559 | 09/27/2017 | SALE | 18 | WET SET, INC. | 326 | 0.4928 | 19 | 0.0287 |
| BAJA | NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION | 19 | 0.0287 | 09/27/2017 | SALE | 18 | WLSR, INC. | 250 | 0.3779 | 1 | 0.0015 |
| ESTE | SEALS TIBBETT, ET AL. | 33 | 0.1633 | 09/27/2017 | SALE | 33 | LEE, ANNA K. AND ESHBAN K. | 33 | 0.1633 | 0 | 0.0000 |
| BAJA | SUNRAY ENERGY, INC. | 63 | 0.0952 | 09/27/2017 | SALE | 63 | SUNRAY LAND COMPANY, LLC | 63 | 0.0952 | 0 | 0.0000 |
| OESTE | THORESON-SLATTERY REVOCABLE LIVING TRUST | 40 | 0.5638 | 09/27/2017 | SALE | 40 | HETTINGA, HEIN AND ELLEN | 1,249 | 17.6039 | 0 | 0.0000 |