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DRAFT

THIRTIETH ANNUAL REPORT

OF THE

MOJAVE BASIN AREA WATERMASTER

WATER YEAR 2022-23

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

FEBRUARY 28, 2024

MAY 1, 2024

**THIRTIETH ANNUAL REPORT OF THE
MOJAVE BASIN AREA WATERMASTER
FOR WATER YEAR 2022-2023**

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CHAPTER 1

INTRODUCTION

This is the Thirtieth 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. CIV208568. 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 2022-23. Appendix L to this report consists of a detailed accounting of surface water and groundwater production for Water Year 2022-23. 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 2024-25: Chapter 6
- j. Transfers of Base Annual Production Rights: Appendix E, K & L (Table 8)
- k. Transfers of Free Production Allowance during 2022-23: 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 2024-25: Chapter 6
- q. Projected Replacement and Makeup Water Assessment Rates for 2023-24 and 2024-25: 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 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 arguments 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 2022-23, the Mojave Basin Area Watermaster consisted of Jeanette Hayhurst, Kathy Hoffman, Kimberly Cox, Marina West, Michael Limbaugh, Mike Page, and Rick Roelle. Kimberly Cox and Rick Roelle served as Chairperson and Vice Chairperson respectively. Adnan Anabtawi served as Executive Officer, Deronda Smith as Secretary and Lynne Chaimowitz as Treasurer.

The first Watermaster meeting of the 2022-23 Water Year was held on October 26, 2022 and seven 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-ninth Annual Report of the Mojave Basin Area Watermaster for Water Year 2021-22, which was published under the date May 1, 2023.

Watermaster adopted recommendations for FPA for Water Year 2023-24 as indicated in Watermaster's Twenty-ninth Annual Report to the Court. The Court subsequently adopted Watermaster's recommendations but modified the recommendation for Alto. The modifications are included in the Court's Order dated June 9, 2023.

Actions taken by the Watermaster during the year included acceptance of the Report on Audit for Fiscal Year 2021-22, approval of the Administrative Budget for Water Year 2023-24, and approval of Replacement, Makeup, Administrative and Biological Assessment Rates for Water Year 2023-24. The Administrative Budget and Assessment Rates for 2023-24 were adopted and are summarized on Table 2-1.

Transfers

There were 221 transfers of FPA and Carryover FPA during the year. These transfers are reported in Appendix E. There were 16 transfers of BAP. Transfers of BAP are reported in Appendix E, K & L (Table 8). Any additional transfers of unused 2022-23 FPA that may take place prior to June 1, 2024 will be reported in Appendix E of the Watermaster's Annual Report for 2023-24.

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 2022-23 was \$1.03 per acre-foot. Expenditures from the Biological Resources Trust Fund during the year for DFW projects totaled \$45,430.84. The Biological Resources Assessment Rate for 2023-24 increased to \$1.11 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 2036 was approved by Watermaster, per the terms of the agreement. In October 2018, an amendment was approved by Watermaster to increase the storage limit for Baja from 23,000 acre-feet to 50,000 acre-feet.

Watermaster entered into a storage agreement with Victorville Water District (formerly VVWD) in June 2002. Per the terms of the agreement, an extension to June 30, 2027 was approved by Watermaster. Another Storage Agreement was entered into with Victorville Water District under different terms in July 2016 for a period of two years. This agreement was extended by Watermaster for an additional 10 years in Oct 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 2023-24**

ADMINISTRATIVE BUDGET

1.	Administrative Services	\$ 358,270.00
2.	Engineering Services	\$ 93,500.00
3.	Legal Services	\$ 90,000.00
4.	Audit Services	\$ 4,000.00
Total Estimated Budget		\$ <u>545,770.00</u>

ASSESSMENT RATES

1. Administrative
\$5.15/acre-foot of Production
2. Biological
\$ 1.11/acre-foot of Production
3. Replacement and Makeup Water
2022-23 \$565.00 /acre-foot¹
(6/1/24 Invoice Date)
2023-24 “*Not to exceed*” \$624.00 /acre-foot²
(6/1/25 Invoice Date)

^{1.} The rate adopted for Water Year 2022-23 was adopted by the Mojave Water Agency on January 11, 2024 pursuant to Resolution No. 1158-24 in accordance with the changes to the Watermaster Rules and Regulations adopted October 29, 2008.

^{2.} This rate is for obligations incurred in the 2023-24 Water Year which will be billed in June 2025. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency by February 2025.

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 2021.

The Subarea Advisory Committees during the 2022-2023 Water Year were made up as follows:

ALTO SUBAREA

Art Bishop
Town of Apple Valley
Bobby Boytor
Mojave Resource Management LLC
Craig Carlson
Helendale Community Services District
Tina Souza
Hesperia Water District
Victorville Water District
California Department of Fish & Game **

BAJA SUBAREA

Jacob Bootsma
Jeff Gaastra
Newberry Springs Recreational Lake
Association
--Vacant Seat--
--Vacant Seat--
--Vacant Seat--
California Department of Fish & Game **

CENTRO SUBAREA

Bobby Boytor
Mojave Resource Management LLC
Paul Johnson
Victorville Water District
--Vacant Seat--
--Vacant Seat--

ESTE SUBAREA

Chuck Bell*
David Rib
Mitsubishi Cement Corporation
Richard Selby
--Vacant Seat--
--Vacant Seat--

OESTE SUBAREA

--Vacant Seat--
--Vacant Seat--
--Vacant Seat--
--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 2022-23 was conducted by the Watermaster staff and included verification of all parties to the Judgment. The verified production of all parties for Water Year 2022-23 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, 2023. Watermaster will continue its efforts to obtain voluntary compliance with the Rules and Regulations from each Producer.

Quantifying Production not Under the Judgment

Starting in 2015, Watermaster began an effort to review, catalog and quantify uses of water that may be over 10 acre-feet per year which are not currently included in the Judgment. Watermaster obtains aerial photographs encompassing the Mojave Basin Area annually and uses them to assist in annual water production verification for parties to the Judgment. In that effort Watermaster also reviews the photographs to identify properties where water might be produced but where the property and owner are not currently subject to the Judgment. Properties are identified and the extent (acreage) of disturbed lands is estimated from the aerial photographs.

Identifying these parties requires detailed evaluation of hundreds of photographs throughout the 3,400 square mile area of the basin.

Watermaster maintains a database of the parties identified with information such as current owner, addresses, assessor parcel number, estimates of potential water use, crops and land uses. Potential water use was calculated based on climate data and assumptions about crops and land uses as seen on the aerial photographs. In some cases, physical inspection of the property is performed (on a drive by basis) if warranted from the size of the disturbance shown on the photographs or to fully identify crop types. Watermaster has coordinated with the Subarea Advisory Committees as well as obtained information from local residents and water purveyors to identify subject properties.

Staff has personally met with many of the identified parties on a voluntary basis. Voluntary stipulations to the Judgment were obtained from 7 of these parties (generally the larger pumpers). Watermaster has continued to pursue obtaining voluntary compliance from these producers and ask that they consider stipulating to the Judgment.

Starting in Spring of 2020 illicit cannabis farms started to pop up all over the Mojave Basin. Staff undertook an effort using October 2020 photographs and again using June 2021 photographs to catalog the number and acreage of cannabis farms. It was estimated that in June of 2021, as much as 4,000 acre-feet was being used for this illicit cultivation of cannabis. Watermaster reported to the Court in its filings in May 2021 the status and issues of illicit cannabis farming in the area. As of December 2022 the San Bernardino County Sheriff's Department Marijuana Enforcement Team through "Operation Hammerstrike" has made significant strides in eradication of these illicit grows. San Bernardino County Code Enforcement has also had success with code violation fine increases and abatement/clean-up orders for environmental concerns at these raided properties.

Since June 2021, Watermaster, pursuant to the Court's orders has taken all reasonable steps to identify any unauthorized production within the basin area pumping in excess of 10 acre-feet per year. Watermaster legal counsel filed an action in San Bernardino County against those identified in the first phase of identification, which included 61 parties in the Este and Oeste Subareas. The second phase identification is almost complete and initially includes 50 additional parties in the Alto, Centro and Baja Subareas. A summary of the actions and steps taken to coordinate the San Bernardino case with the existing Riverside County case is detailed in Watermaster's Report to the Court dated November 30, 2022 and Supplemental Report dated

January 23, 2023. The most recent action was to grant MWA's Petition to coordinate the Riverside Superior Court litigation with the San Bernardino Superior Court litigation so that all matters would be heard in Riverside County Superior Court.

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 2022-23 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 April of 2022, the MWA authorized the development of policy to guide decisions for importation of supplemental water supply into the basin area for management purposes. The policy was adopted in August 2023. Funding for water purchases was included in MWA's budget for 2023-24. Prior to finalization of the plan, the MWA authorized up to 5,000 acre-feet to be delivered to the Centro Subarea for supply augmentation. A large amount of imported water (73,243 acre-feet) was also delivered between February and September 2023 for additional water supply storage in the basin area.

Geotechnical and geohydrology investigations in the upper Alto, Oeste and western Este Subareas continued, these will provide better information and data to use in determining the best locations for future off-river recharge basins. Demonstration groundwater recharge facilities in the upper Alto, Oeste and Este Subareas have been developed on sites owned by MWA. In 2020 MWA recharged 15 acre-feet of water into the Este Subarea during the demonstration. Grant funding was obtained in 2022 to build a larger more permanent recharge site in the Este Subarea. Two monitoring wells were installed in the west Victorville area to help characterize the subsurface geology and provide permanent high-quality groundwater monitoring data points, two similar wells were installed in Oeste and one additional well will be installed in Este. Each of these studies will characterize surface infiltration rates, subsurface hydrogeologic zones and properties, groundwater levels, hydraulic properties and alluvial sediments of the aquifer as well as identify favorable areas for recharge facilities and help assess the regional suitability of the projects. The Agency's groundwater model for the upper Mojave River Basin was completed as part of these ongoing investigations. Additional modeling work will continue for the middle Mojave region starting in 2024-25.

MWA purchased 10 new weather stations in 2022 to be installed throughout its service area and also funded USGS to install 2 new stream gaging locations along the Mojave River at Hodge in the Centro Subarea and at Daggett in the Baja Subarea. Additional stream gages have been authorized and will be installed in 2024-25. These new gages and stations will greatly augment MWA's already extensive network for monitoring of natural supply for basin management purposes.

MWA is undergoing a master planning process to guide future decisions for growth and development and to maximize the efficiency of regional resources. The plan will assess existing

facilities and local planning documents, develop master planning objectives for projects and purchases, analyze MWA's water supply portfolio, and evaluate for risk mitigation. The Master Plan work began in March 2023 and will be a multi-year study.

MWA began evaluating the feasibility of a large-scale Groundwater Banking Program. The technical study will evaluate water banking alternatives and associated necessary capital improvements, financial benefits and implications, basin effects, environmental/permitting requirements, coordination with the Judgment and other technical issues associated with initiating a groundwater bank. Work began in February 2020 and will be a multi-year study.

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 2022-23 Water Year was 6,307 acre-feet. Operational water associated with this project is the responsibility of MWA and is also shown on Appendix B. In June of 2021 the Adelanto R3 extension was completed and became operational in late 2021, providing for water deliveries farther west in the Alto Subarea.

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 uses 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 as needed.

In April 2022, the MWA adopted Ordinance No. 14 for the administration of minimal producer wells permitted on or after July 1, 2022. This Ordinance requires that those with approved permits on or after July 1, 2022 pay for one acre-foot of water to replenish the basin area. Additionally, the Ordinance provides that minimal producers production shall be confined to the

parcel on which the water production facility exists, that sale or transfer of pumped water off the property or parcel is prohibited and such minimal producer's status would move to the new owner on any sale or alienation of the property or parcel. The program has been established and billing for water replacement began in July 2023 pursuant to this Ordinance.

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. 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 \$20,000 in 2022-23, which will focus on retreatment and monitoring in the previously treated areas. Department of Fish and Wildlife contributed \$40,000 in 2022-23 and another \$25,000 in 2023-24 to the project for removal and retreatment in the Exhibit H areas identified in the Judgment in the Alto and Baja Subareas.

CHAPTER 3

WATER SUPPLY CONDITIONS

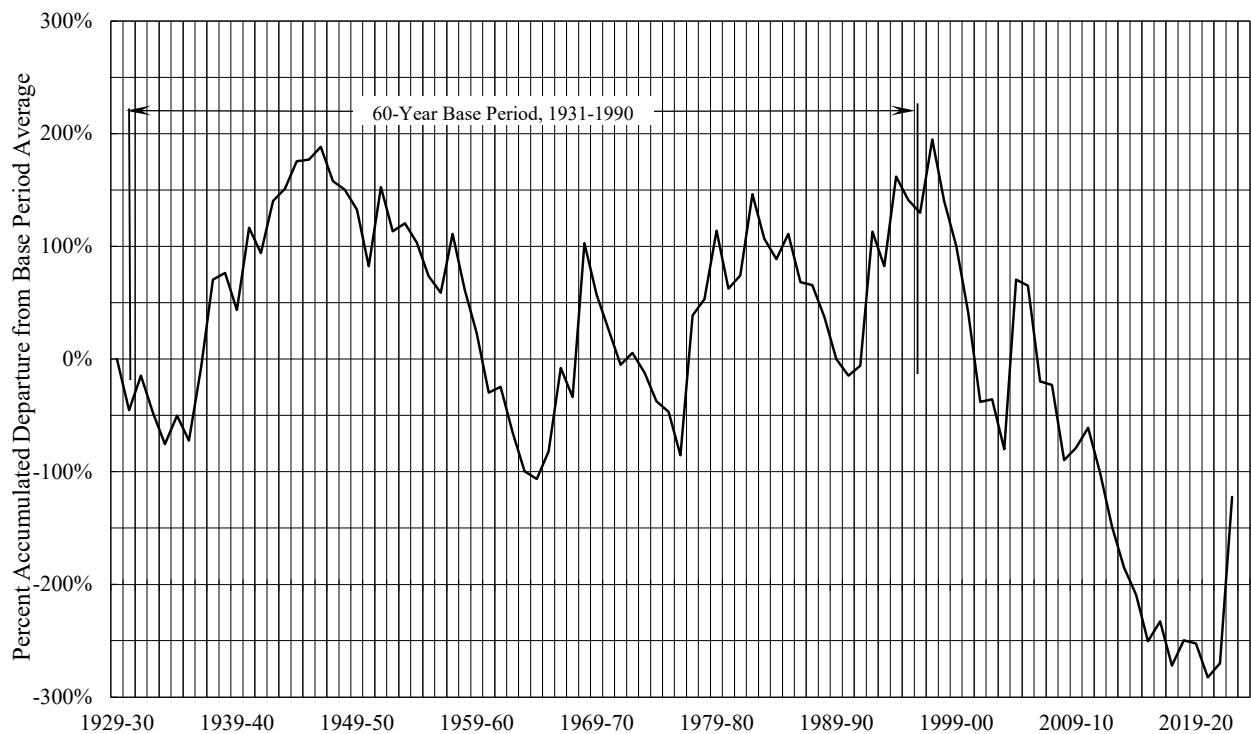
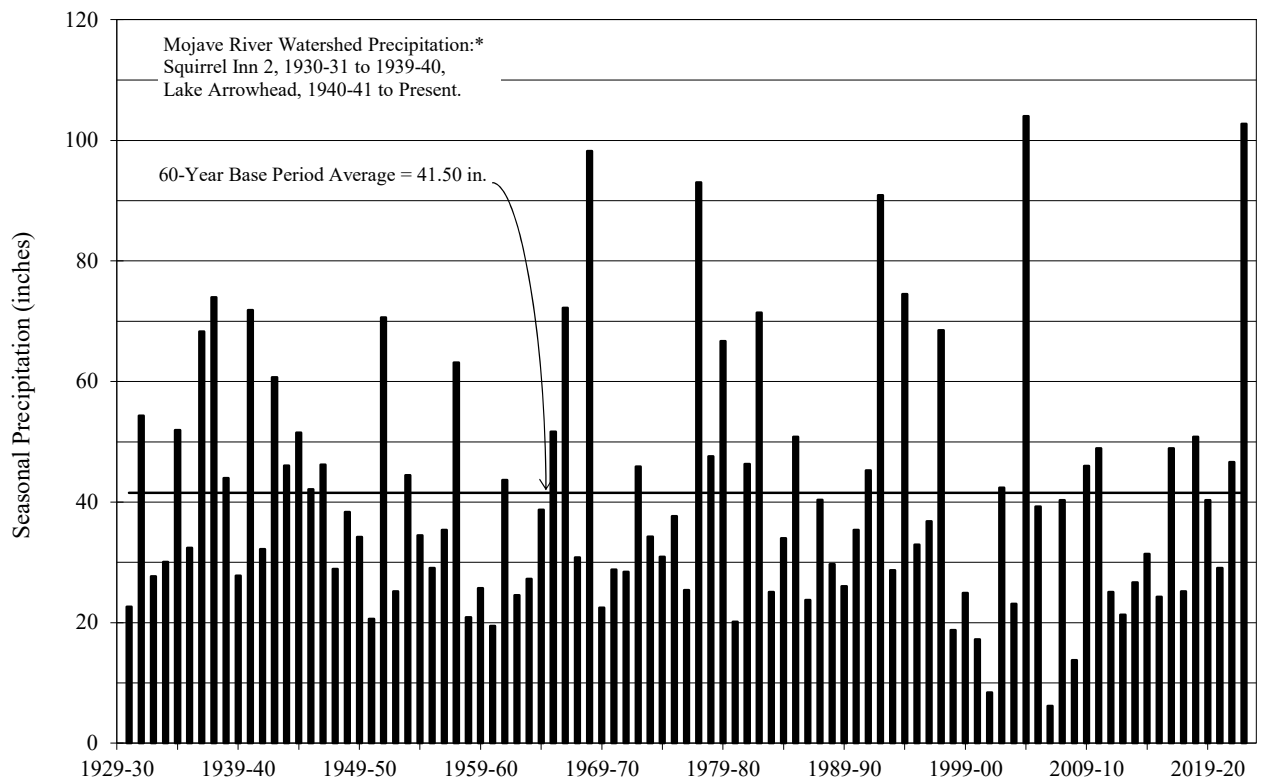
After experiencing above average precipitation during 2021-22, the precipitation in the Mojave River Watershed during 2022-23, as measured at Lake Arrowhead was again above average at about 248 percent of the 60 Year Base Period average. The combined flow of the West Fork Mojave River and Deep Creek during the 2022-23 Water Year was about 305 percent of the 60-Year Base Period average.

Precipitation During 2022-23

Rainfall in the mountain areas is the principal source of natural water supply to the Mojave Basin Area. During the 2022-23 Water Year the precipitation at Lake Arrowhead amounted to 102.75 inches, which is about 248 percent of the Base Period average of 41.5 inches. The maximum monthly rainfall of 27.70 inches occurred in March 2023, with 22.55 inches and 18.87 inches occurring during January 2023 and February 2023, respectively. Figure 3-1 shows the seasonal precipitation from 1930-31 through 2022-23 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 7.83 inches and 7.19 inches, respectively. The amount recorded at Victorville represents approximately 144 percent of the annual average of 5.43 inches and the amount recorded at Barstow represents approximately 158 percent of the annual average of 4.55 inches. Figure 3-2 shows the seasonal precipitation at Victorville and Barstow.

Runoff During 2022-23

Locations of stream flow gages for the Mojave River system are shown on Appendix A. Table 3-1 shows monthly discharge amounts for 2022-23 at these locations.



Precipitation Characteristics, Mojave River Watershed

FIGURE 3-1

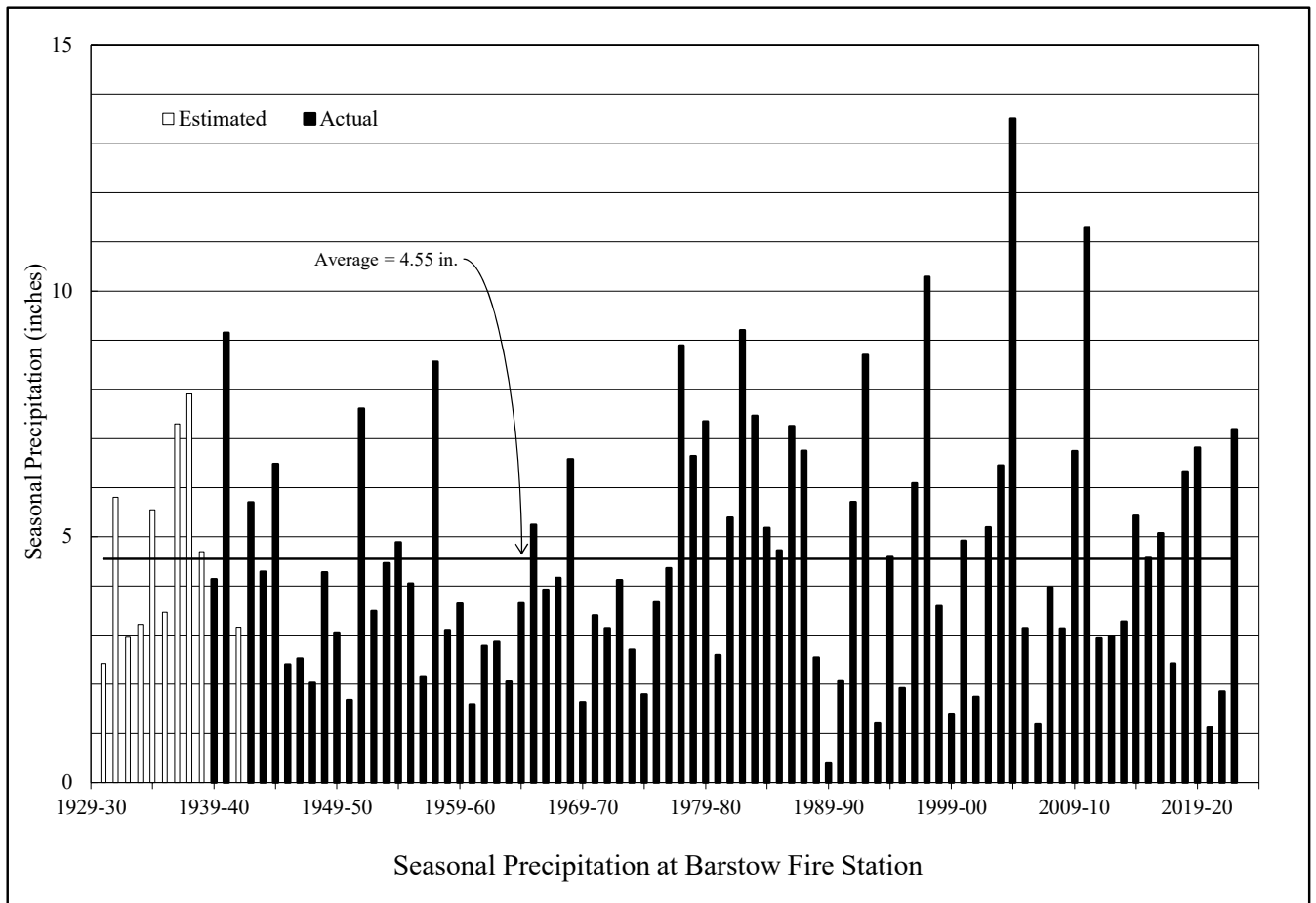
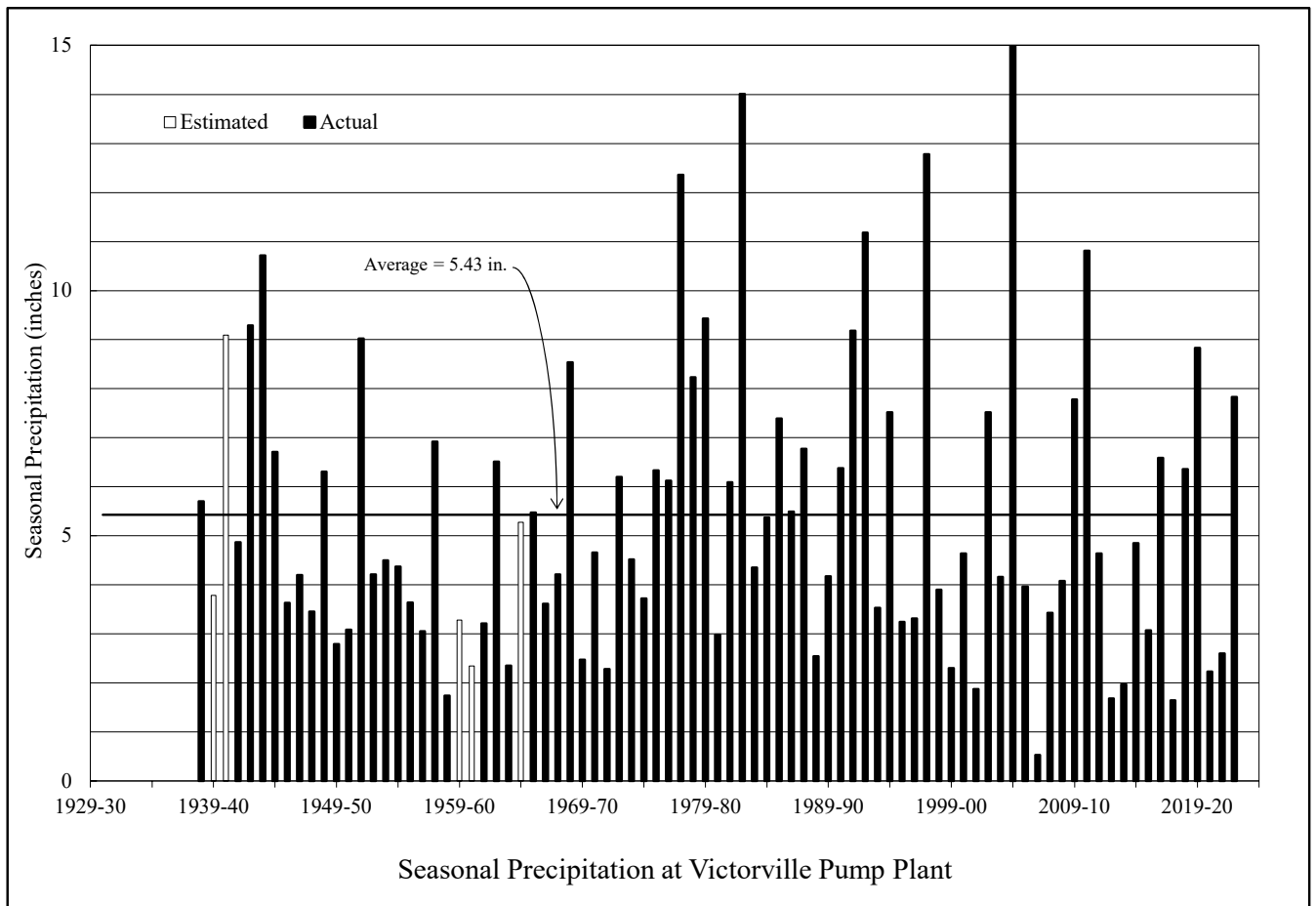


FIGURE 3-2

TABLE 3-1
MONTHLY DISCHARGE AMOUNTS
FOR WATER YEAR 2022-23
(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	89.5	85	0	85	0.0	0.00	0.0	0.00
November	3,024.0	296	76	372	0.0	0.00	0.0	0.00
December	1,230.0	505	101	606	0.0	0.00	0.0	0.00
January	47,840.0	960	15,434	16,394	57.1	0.00	0.0	0.00
February	6,537.0	812	436	1,248	0.0	0.00	0.0	0.00
March	68,430.0	1,635	41,265	42,900	8,628.0	12.00	606.0	618.00
April	33,900.0	1,881	14,064	15,945	2.3	14.00	0.0	14.00
May	11,687.0	1,374	3,543	4,917	0.0	1.00	0.0	1.00
June	13,403.0	1,235	9,496	10,731	0.0	0.00	0.0	0.00
July	3,459.0	399	691	1,090	0.0	0.00	0.0	0.00
August	6,095.0	256	1,810	2,066	0.0	0.00	87.0	87.00
September	4,111.0	252	0	252	0.0	0.00	87.0	87.00
Total (AF)	199,806	9,690	86,916	96,606	8,687.4	27	780	807

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 2022-23 as measured by the combined discharges of the West Fork Mojave River and Deep Creek was 199,660 acre-feet or about 305 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 2022-23 and the accumulated departure from the Base Period average are shown on Figure 3-3.

At Lower Narrows

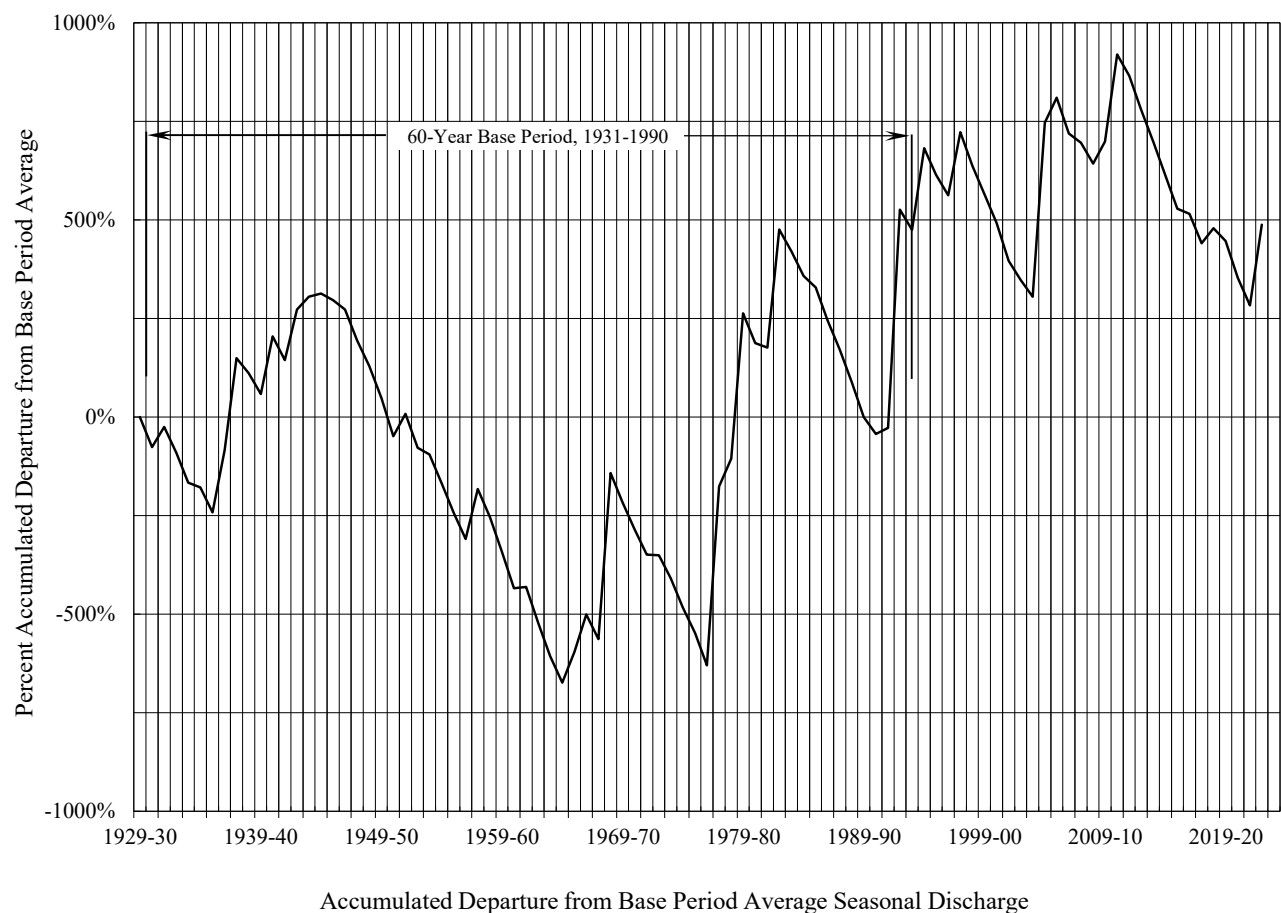
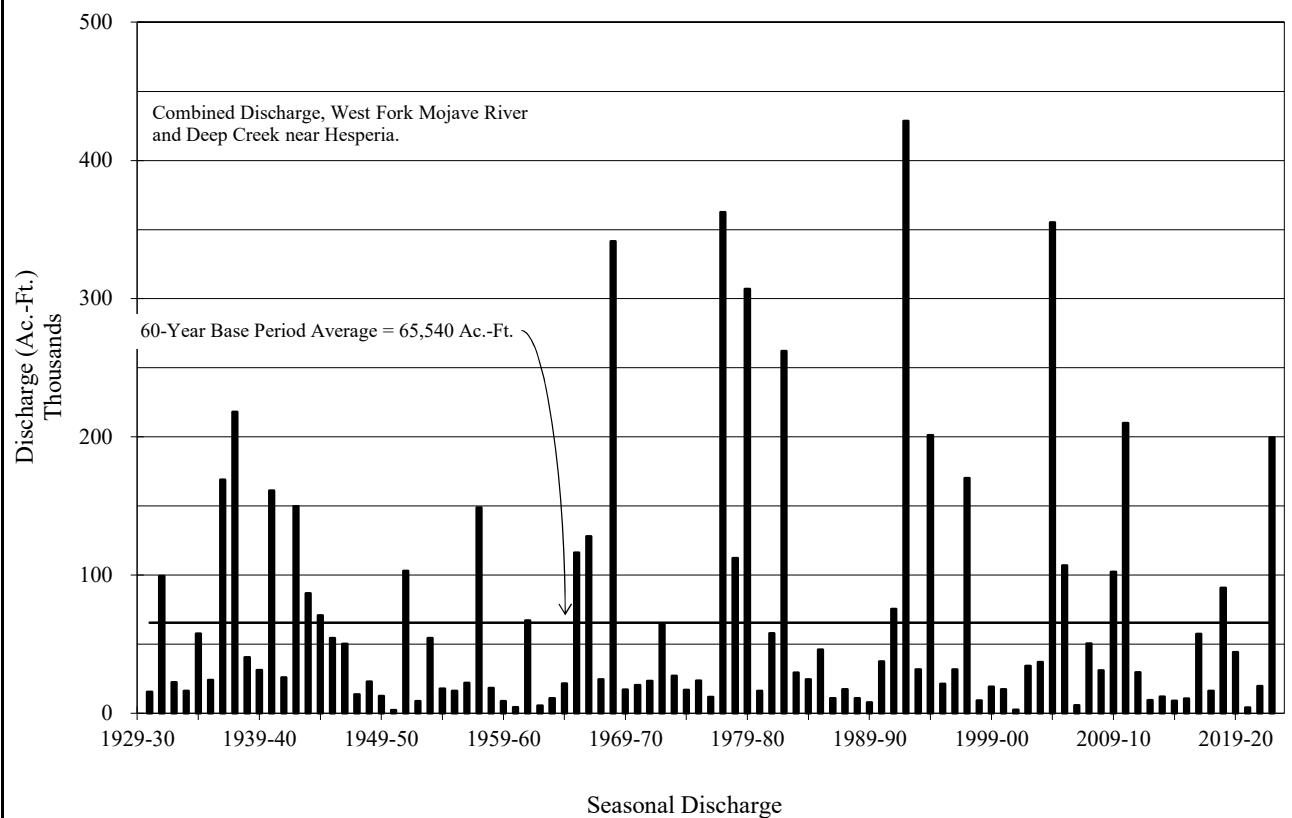
The total surface flow of the Mojave River at the Lower Narrows was 96,606 acre-feet, which is about 186 percent of the 60-Year Base Period average of 51,960 acre-feet. During Water Year 2022-23 the total flow accruing to the Lower Narrows Gage was estimated to consist of 86,916 acre-feet of storm flow and 9,690 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 2022-23.

At Barstow

The total surface flow of the Mojave River at Barstow was 8,687 acre-feet. Figure 3-5 shows the total flow in the Mojave River at Barstow for the period 1930-31 through 2022-23.

At Afton

The total surface flow of the Mojave River at Afton was 808 acre-feet, which is about 9.8 percent of the Base Period average of 8,247 acre-feet. During 2022-23 the total flow accruing to the Afton Gage was estimated to consist of 781 acre-feet of storm flow and 27 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 2022-23.



Discharge Characteristics, Mojave River at the Forks

FIGURE 3-3

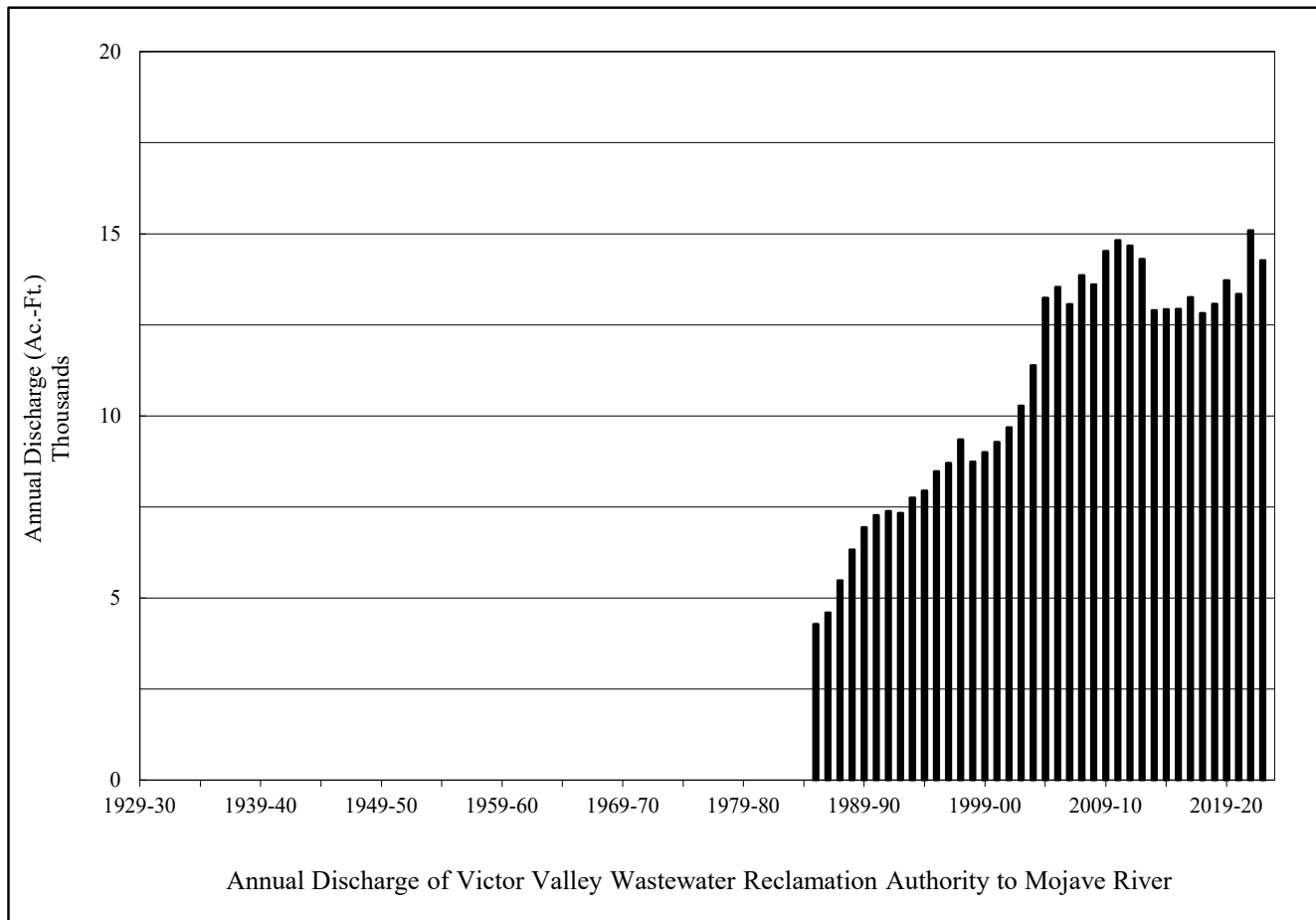
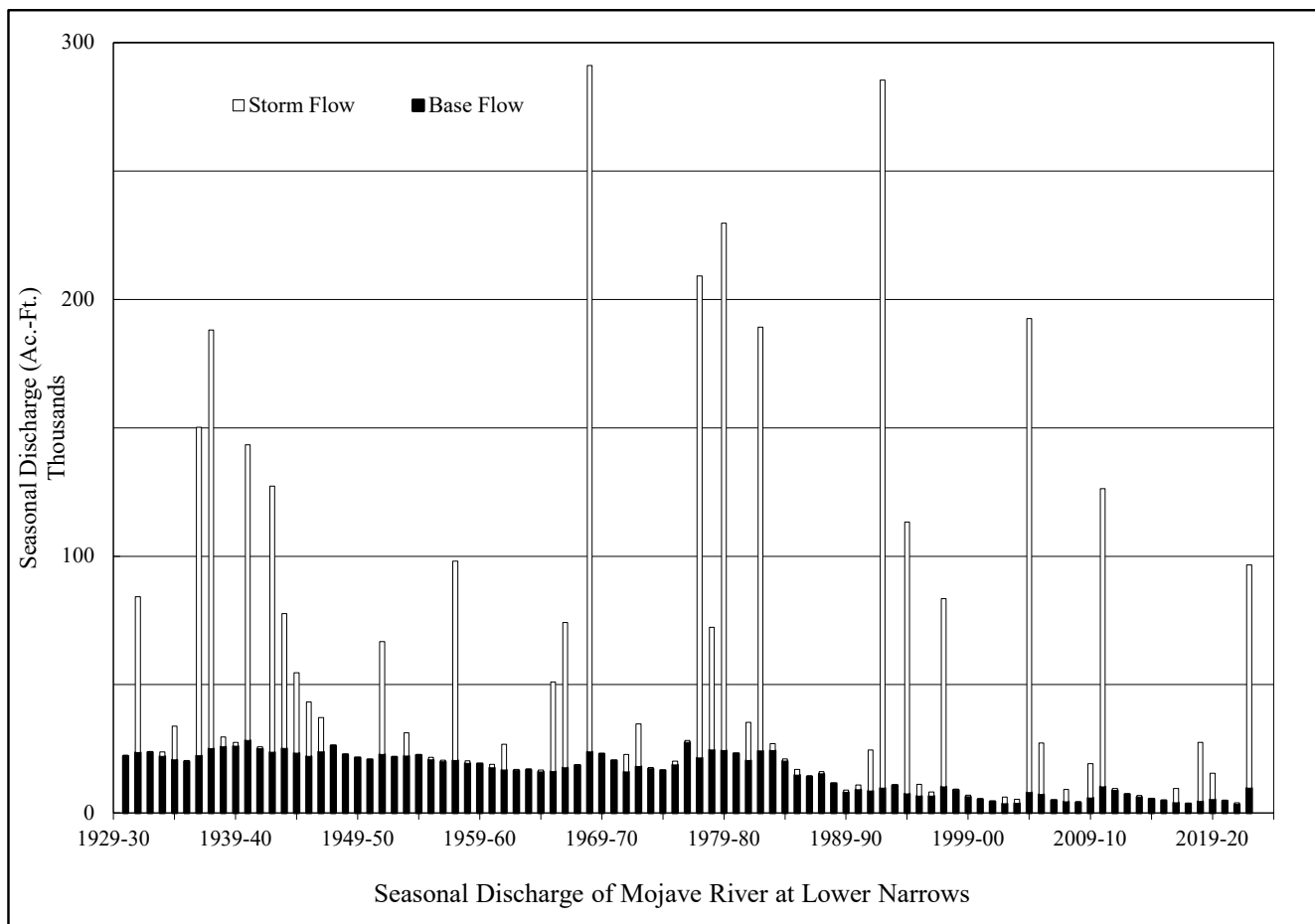


FIGURE 3-4

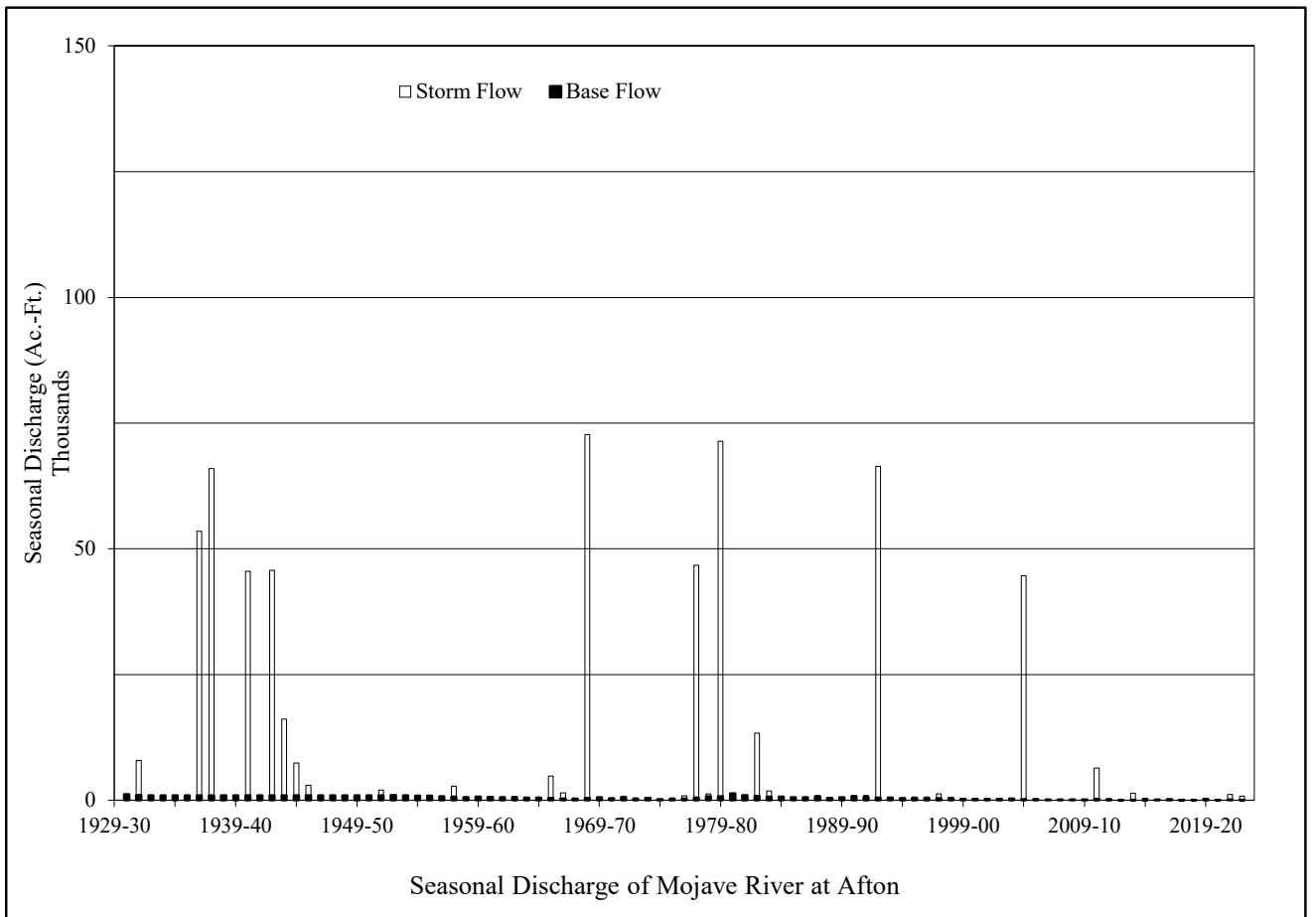
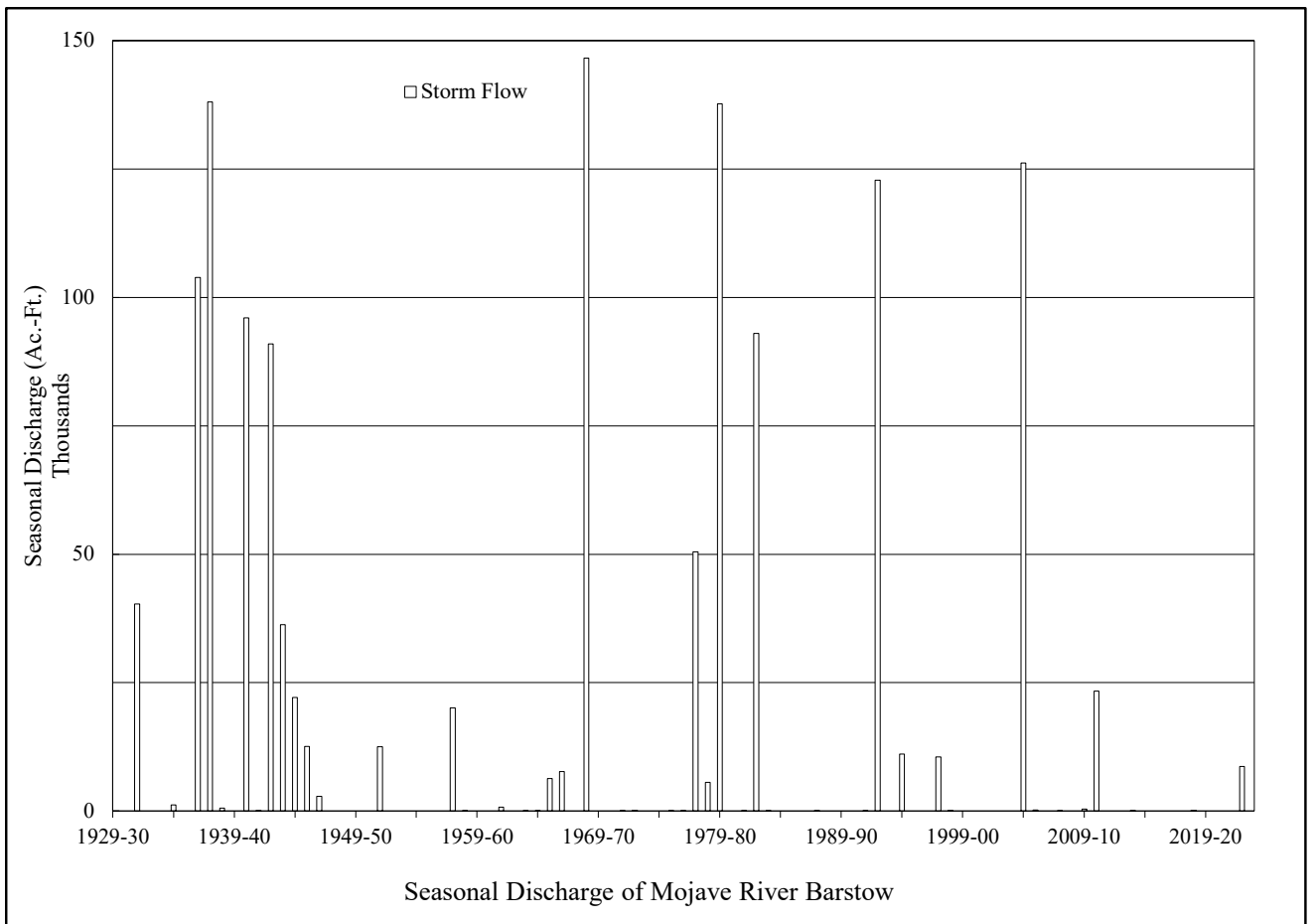


FIGURE 3-5

Wastewater Imports

During 2022-23 reclaimed wastewater was delivered to the Mojave Basin Area for disposal by the following agencies:

	Amount Delivered (acre-feet)
Lake Arrowhead Community Services District	1,645
Crestline Sanitation District	1,037
Big Bear Area Regional Wastewater Agency	2,917
	<hr/> 5,599

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 14,274 acre-feet for Water Year 2022-23. The annual wastewater effluent discharge to the Mojave River for the period 1985-86 through 2022-23 is shown on Figure 3-4.

Imported Water Deliveries by MWA

During 2022-23 MWA delivered 73,266 acre-feet of State Water Project water to the Alto, Centro, Baja and Este 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>Este⁶</u>	<u>Total</u>	
(2022)	October	0	0	3	67	0	0	70	
	November	0	0	4	22	0	0	26	
	December	0	0	0	0	0	0	0	
(2023)	January	0	0	2	0	0	0	2	
	February	0	945	1	0	0	0	946	
	March	0	8,817	2	0	0	0	8,819	
	April	0	8,011	1	808	127	0	8,947	
	May	0	8,526	2	1,259	282	0	10,069	
	June	0	17,825	1	1,140	39	0	19,005	
	July	0	6,903	1	1,507	0	0	8,411	
	August	0	8,072	3	1,485	0	0	9,560	
	September	0	6,422	0	989	0	0	7,411	
	Total	0	65,521	20	7,277	448	0	73,266	

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.

⁶ Deliveries to demonstration recharge facilities in the Este 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 is 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 remained 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 14,274 acre-feet during 2022-23 which supports water levels within the Transition Zone. These water levels remained stable during Water Year 2022-23.

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 Transition Zone. 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 1991, 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 at least 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 5-1)
- 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 the Alto Subarea, 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)

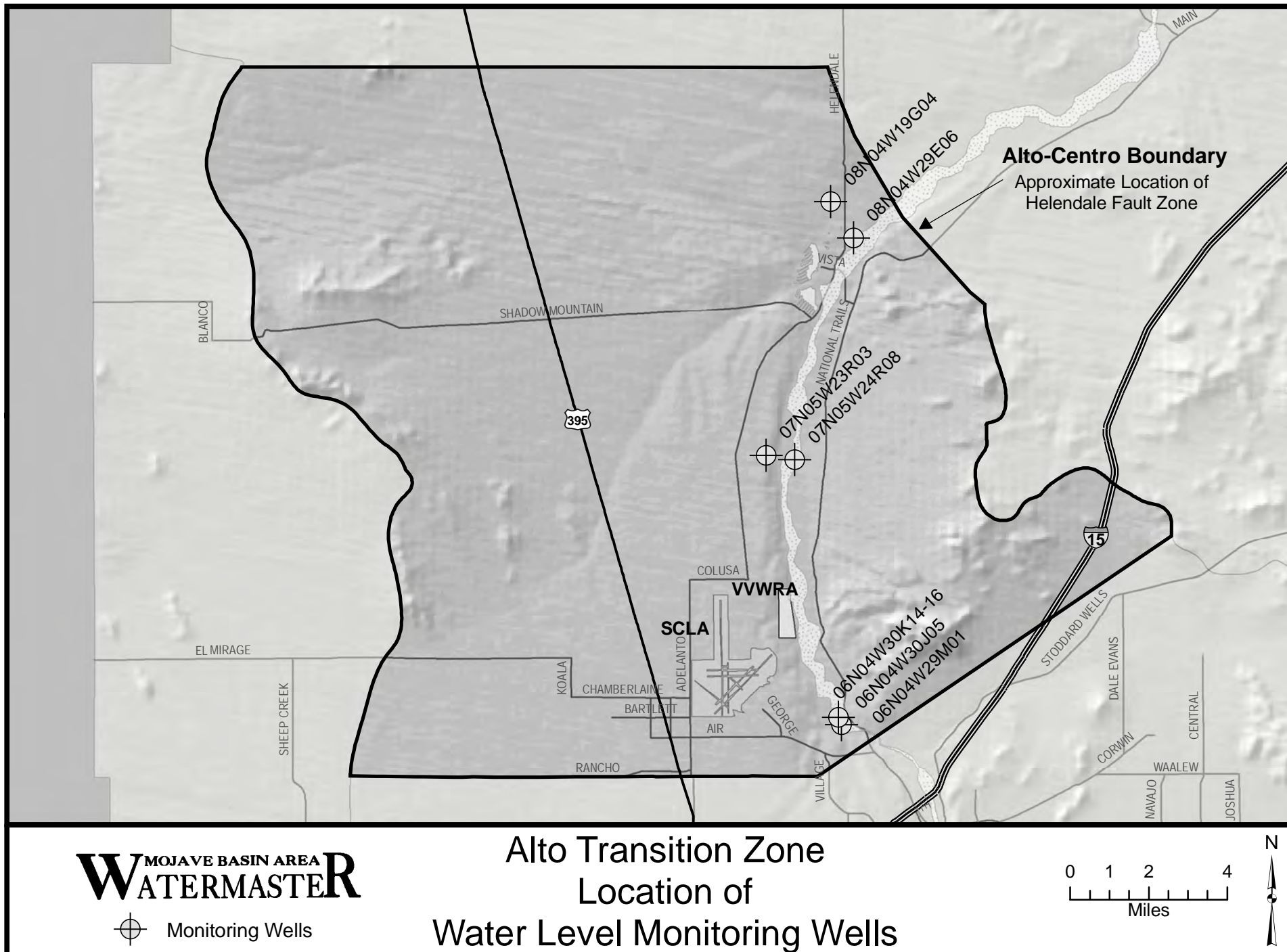
Verified production is compiled, verified, and maintained by Watermaster annually. Consumptive use for phreatophytes in the Transition Zone is based on a 2011 study by USBR which quantified consumptive use by phreatophytes in 2007 and 2010 (USBR 2011). Consumptive use for phreatophytes for 2010 was independently 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 5-1)
- 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 3-6



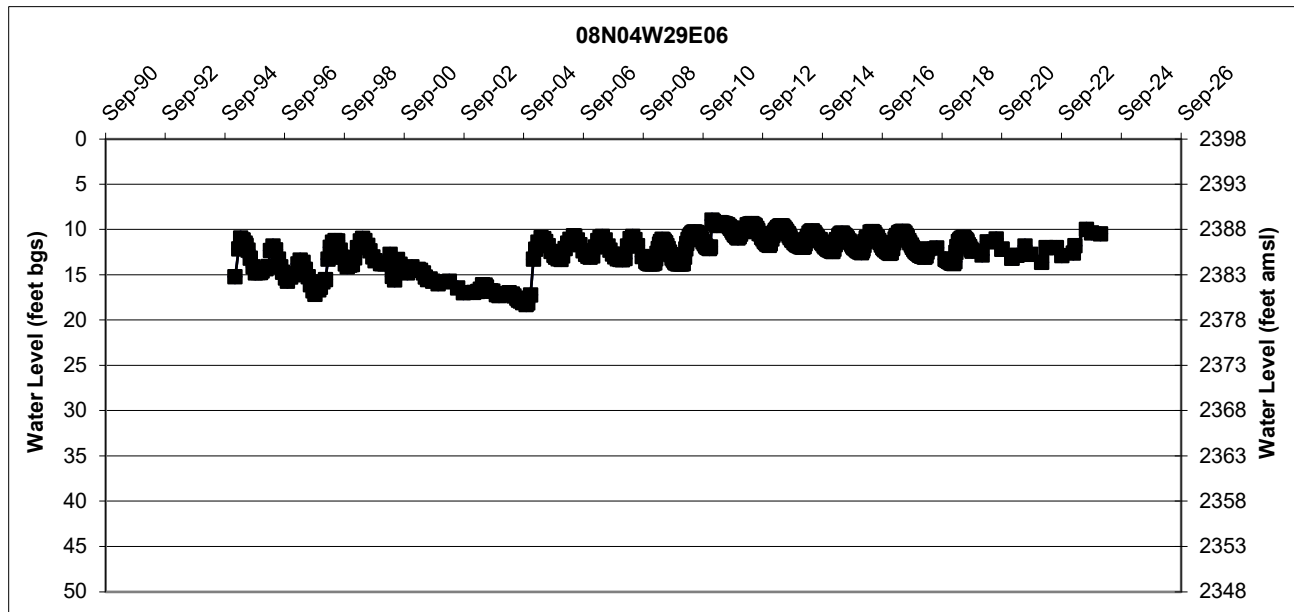
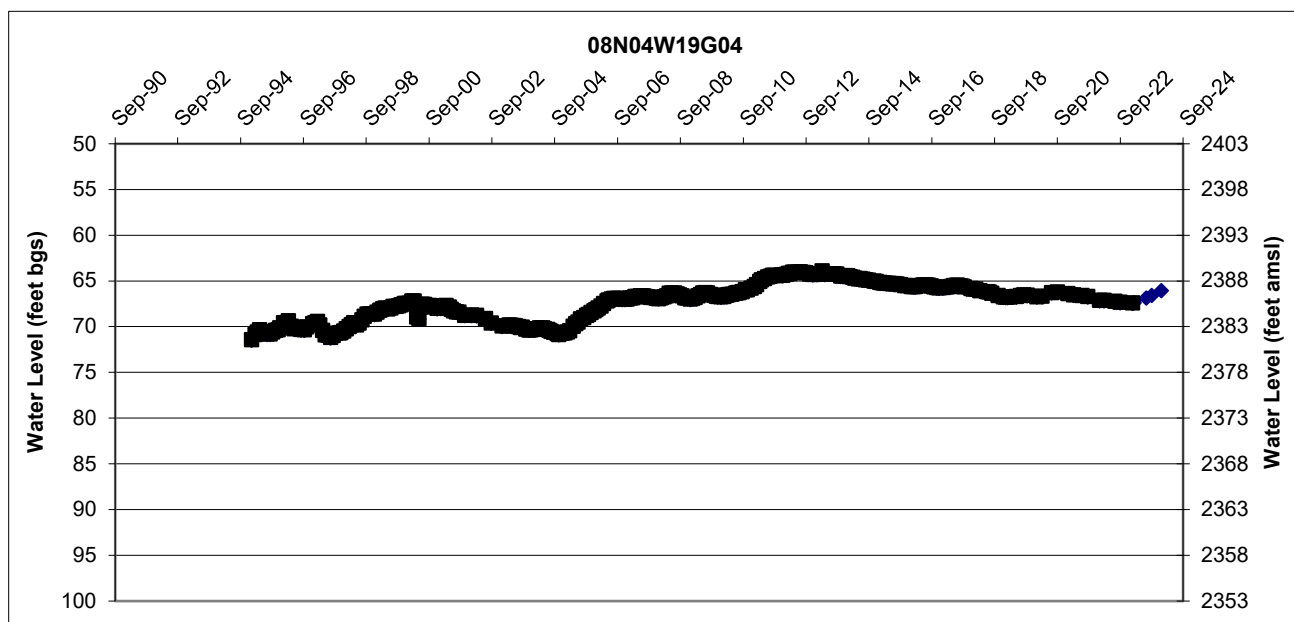
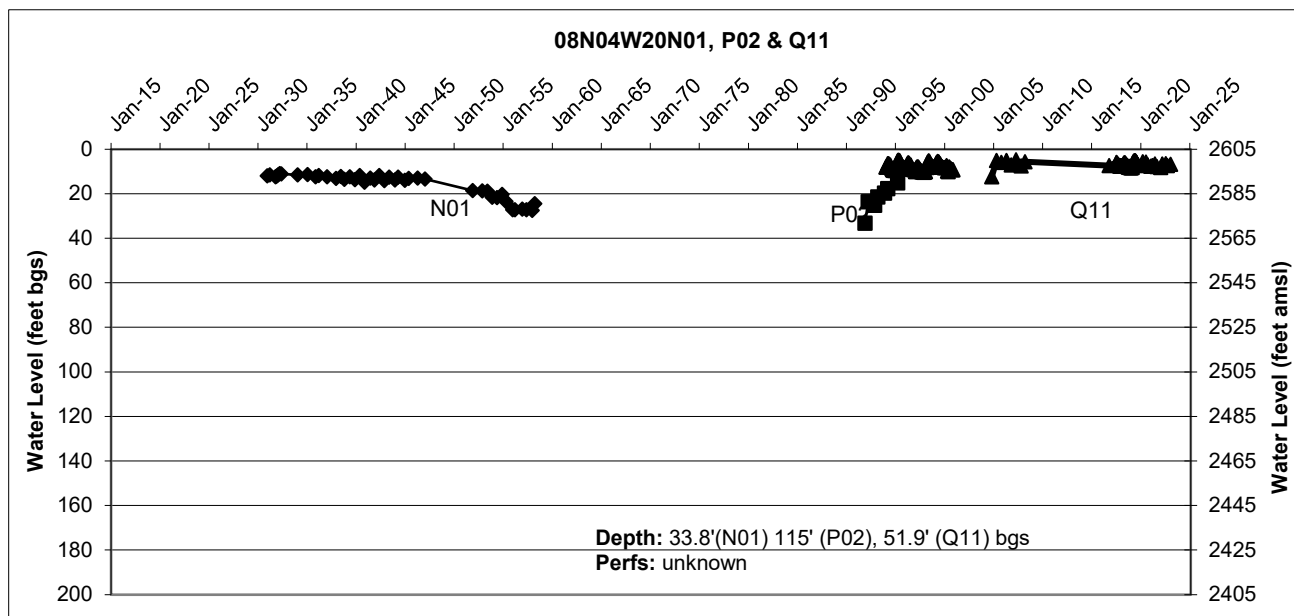


FIGURE 3-7

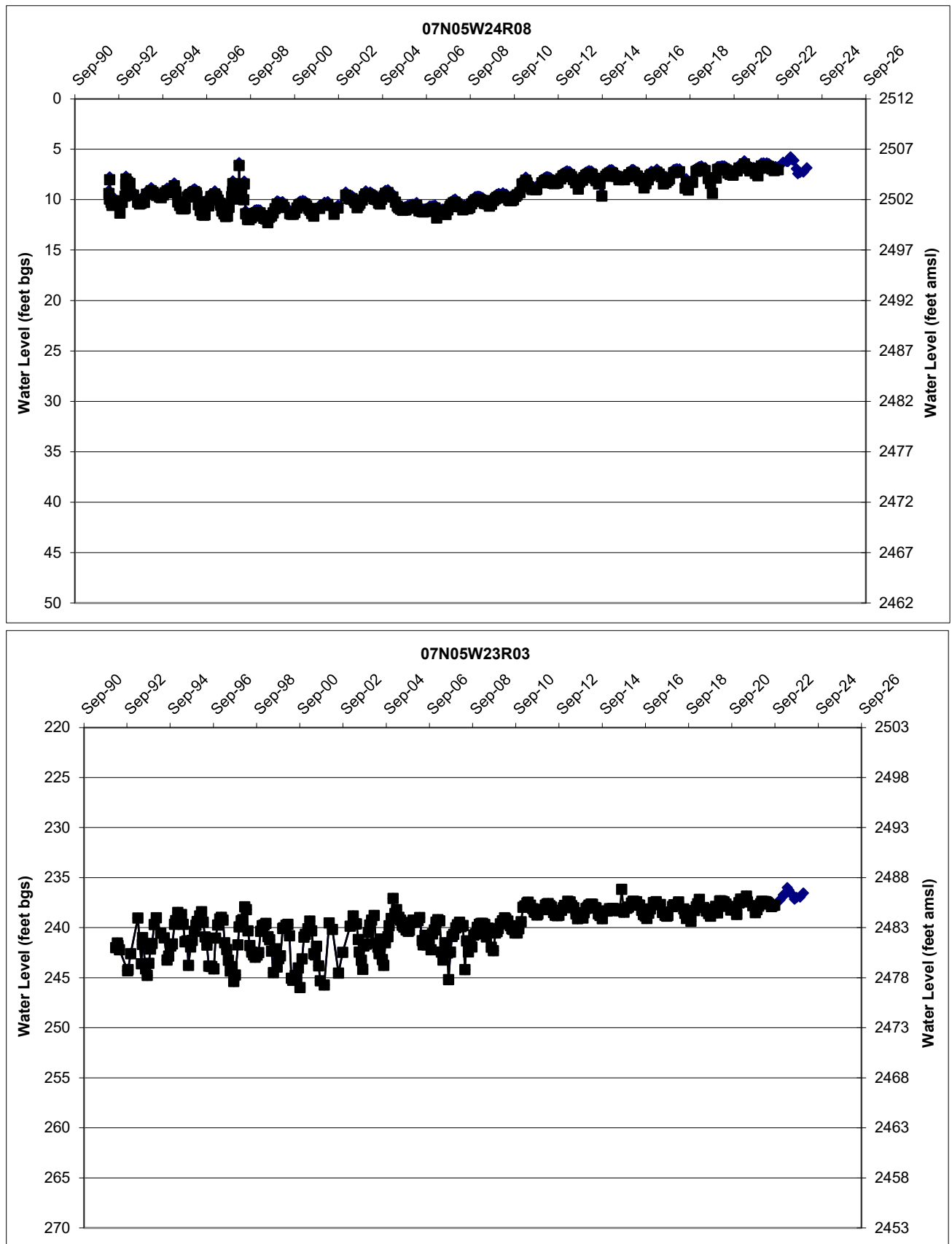


FIGURE 3-8

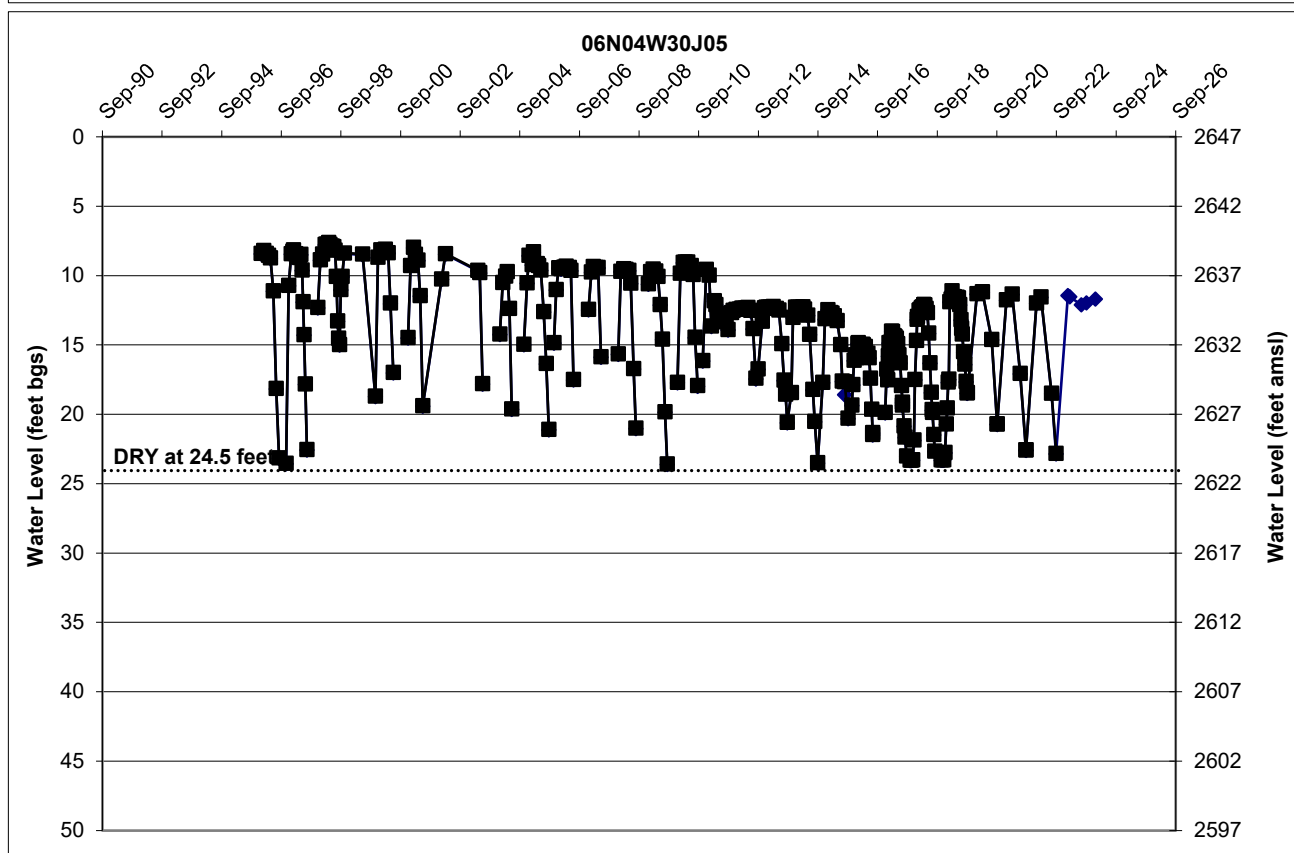
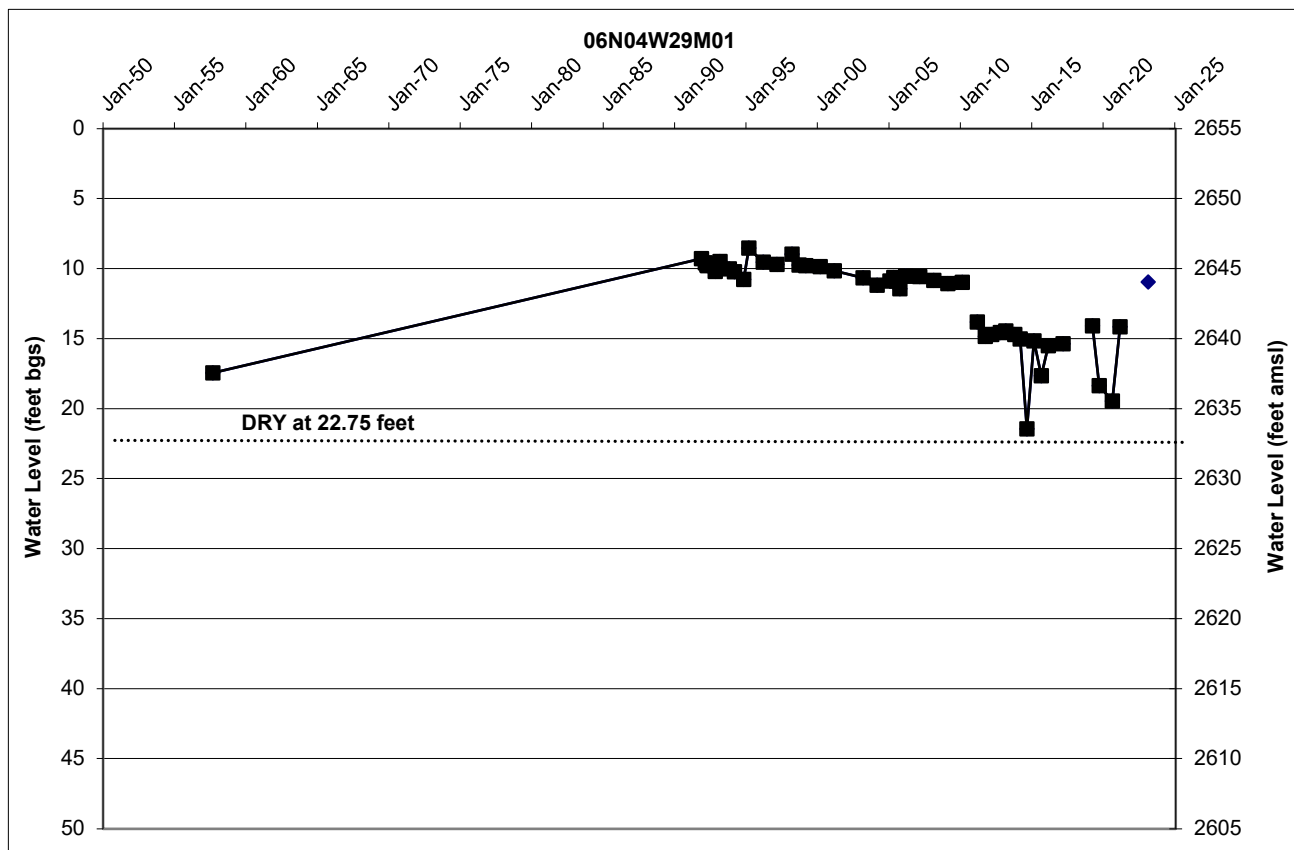


FIGURE 3-9

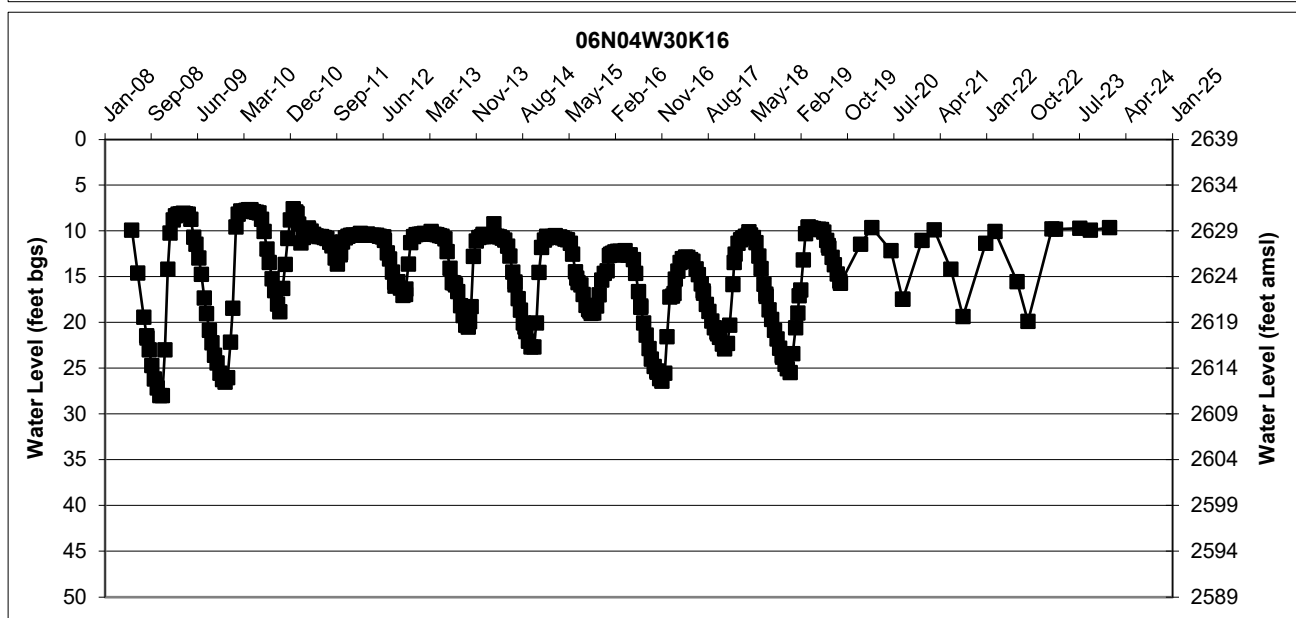
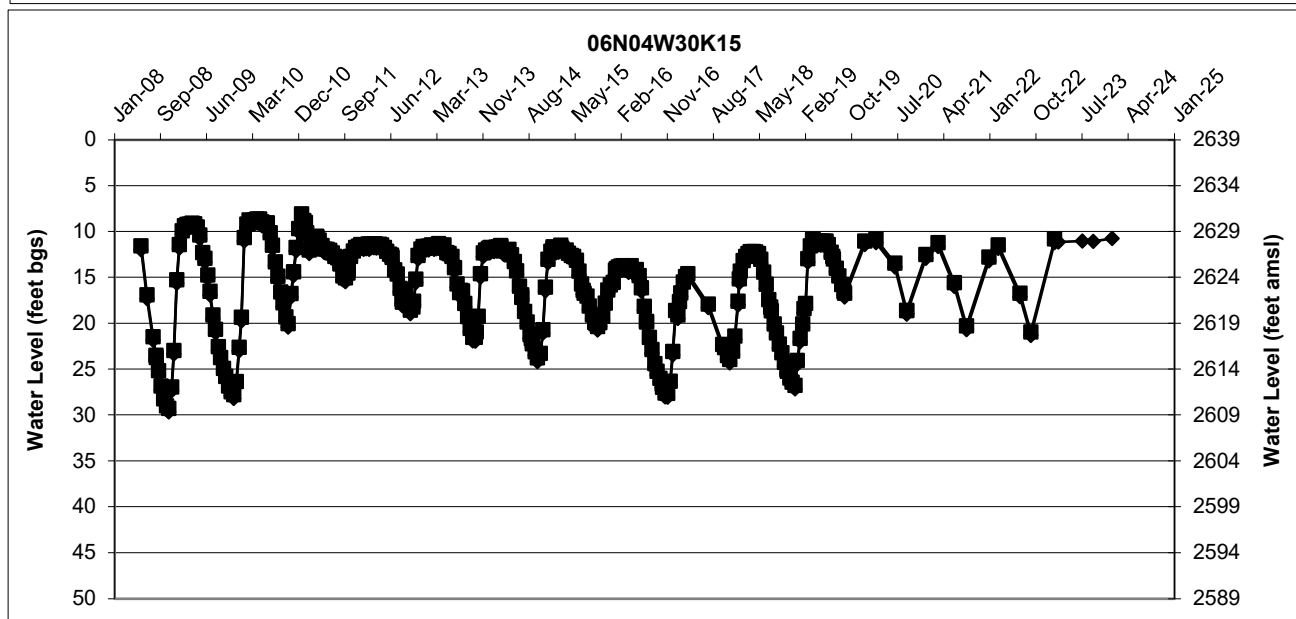
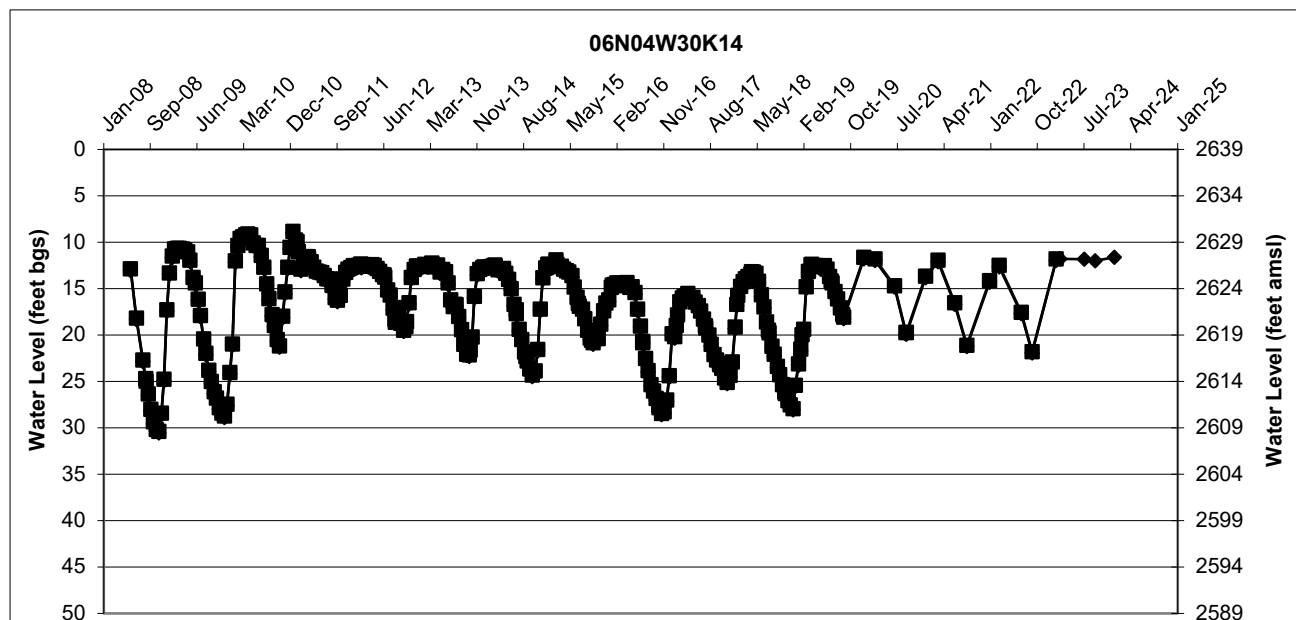


FIGURE 3-9

Transition Zone Water Balance

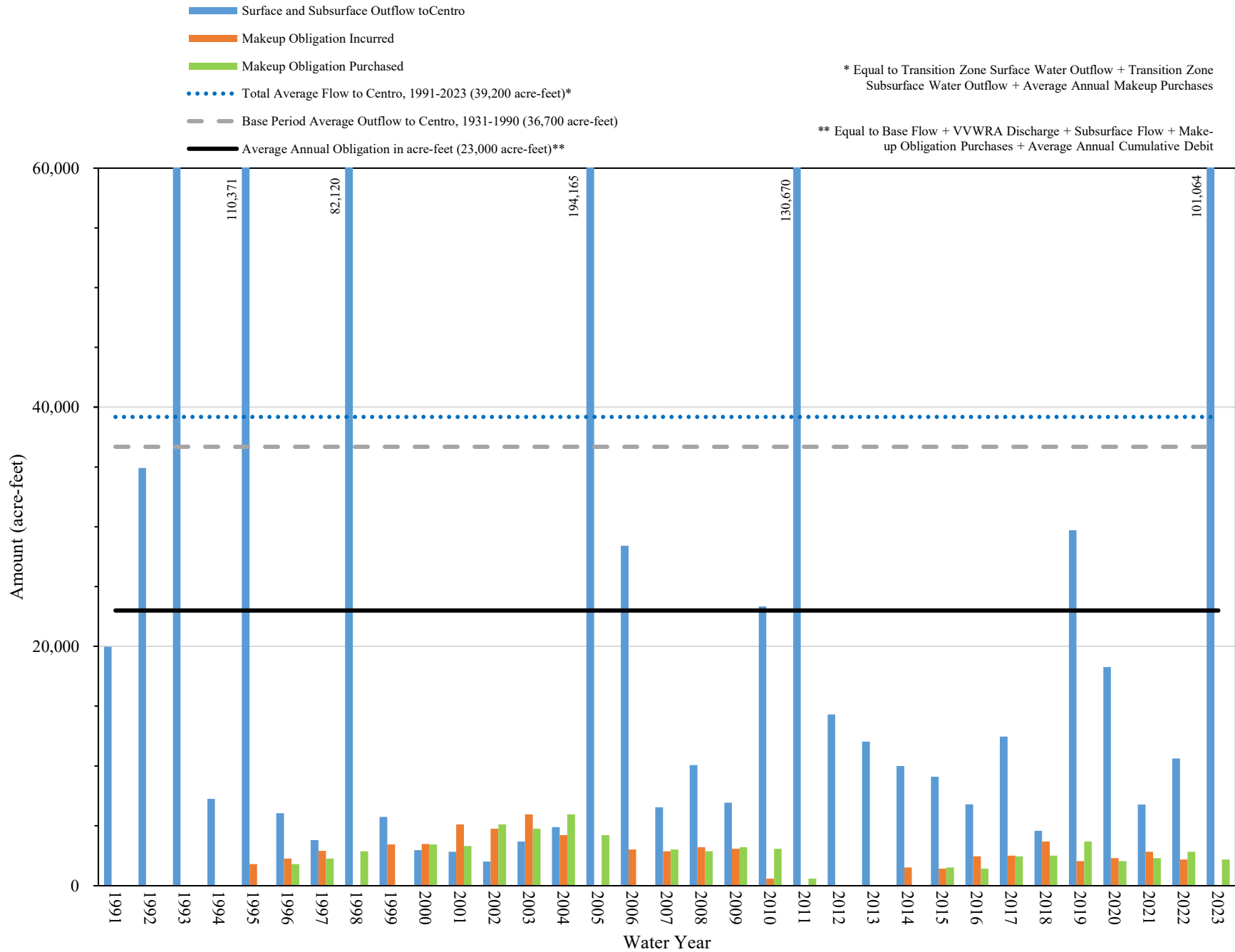


FIGURE 3-10

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: <https://www.mojavewater.org/data-maps/map-gallery/>

A more extensive set of water level data is reported by Mojave Water Agency to the CASGEM program at: <https://water.ca.gov/Programs/Groundwater-Management/Groundwater-Elevation-Monitoring--CASGEM>

The hydrographs were presented for inspection at the February and March 2024 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 exhibit seasonal variation, rising in winter and falling in summer. We note that variability showing lower lows and lower highs is an indication of extractions exceeding recharge over time. Water levels in the western portion of Alto in the regional aquifer exhibit declines consistent with locally heavy pumping and limited local recharge. Water levels in the eastern portion of Alto indicate similar trends although to a lesser extent, most likely due to limited pumping in the regional aquifer east of the river. Continued

pumping in depleted areas of the regional system may result in long-term local negative impacts such as declining yields and water quality problems. Water levels in near river wells, particularly in the south part of Alto, experienced a trend of decline for 7 years consistent with limited recharge due to drier than average conditions. Water year 2023 was a significantly wetter than average year, with approximately 250,250 acre feet measured at the Forks, of which about 50,590 acre feet was imported by Mojave Water Agency and measured with the total flow at West Fork Mojave River; resulting natural inflow of 199,660 acre feet. Water supply conditions for the past 12 years have still been drier than the 60-year Base Period Average (1931-1990) (63.5% of Base Period average). Continuation of dry conditions will result in water level declines. However, based on future recharge of approximately 17,500 acre feet per year, released to the Mojave River to offset the indicated deficit in Alto, we expect improved conditions, in water levels, flow at Lower Narrows and continued support to the Transition Zone.

Baja Subarea

Baja water levels have declined due to over pumping and limited recharge opportunities since at least the late 1930's. Wells near the river in the Daggett area respond to recharge when it is available but continue to fall following storm events. We note that pumping in Baja has declined 63% since 2015. Consequently, past water level data may not reflect the future trends in Baja water levels. We note that water levels in Baja are showing a response to reduced pumping. There is indication that in some wells the decline has stopped or is reversing (increasing). Water levels near the Watermaster Fault, are close to the same elevation (1978 feet above msl) as reported by Hardt, USGS 1971 for spring of 1964.

Centro Subarea

Water levels in Centro have been stable showing seasonal variability and declines 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 near Hodge and Lenwood road show the effects of pumping and limited recharge during at least the past 11 years, however these water levels have responded to recharge during 2023 from both natural flow and importation of State Water Project water by Mojave Water Agency totaling 84,410 acre-feet and 7,277 acre-feet respectively.

Este Subarea

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

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 indicate that over the past 15-20 years, water supply and demands (local precipitation, return flow from pumping, extractions, and outflow) are about equal. We note that water production has declined due to reductions in agricultural pumping. The remaining production in Oeste (5 year average) is about 20% less than the average for the past 20 years. Under these conditions, our expectations are that water levels in Oeste will continue to be variable in the short term but stable over long periods.

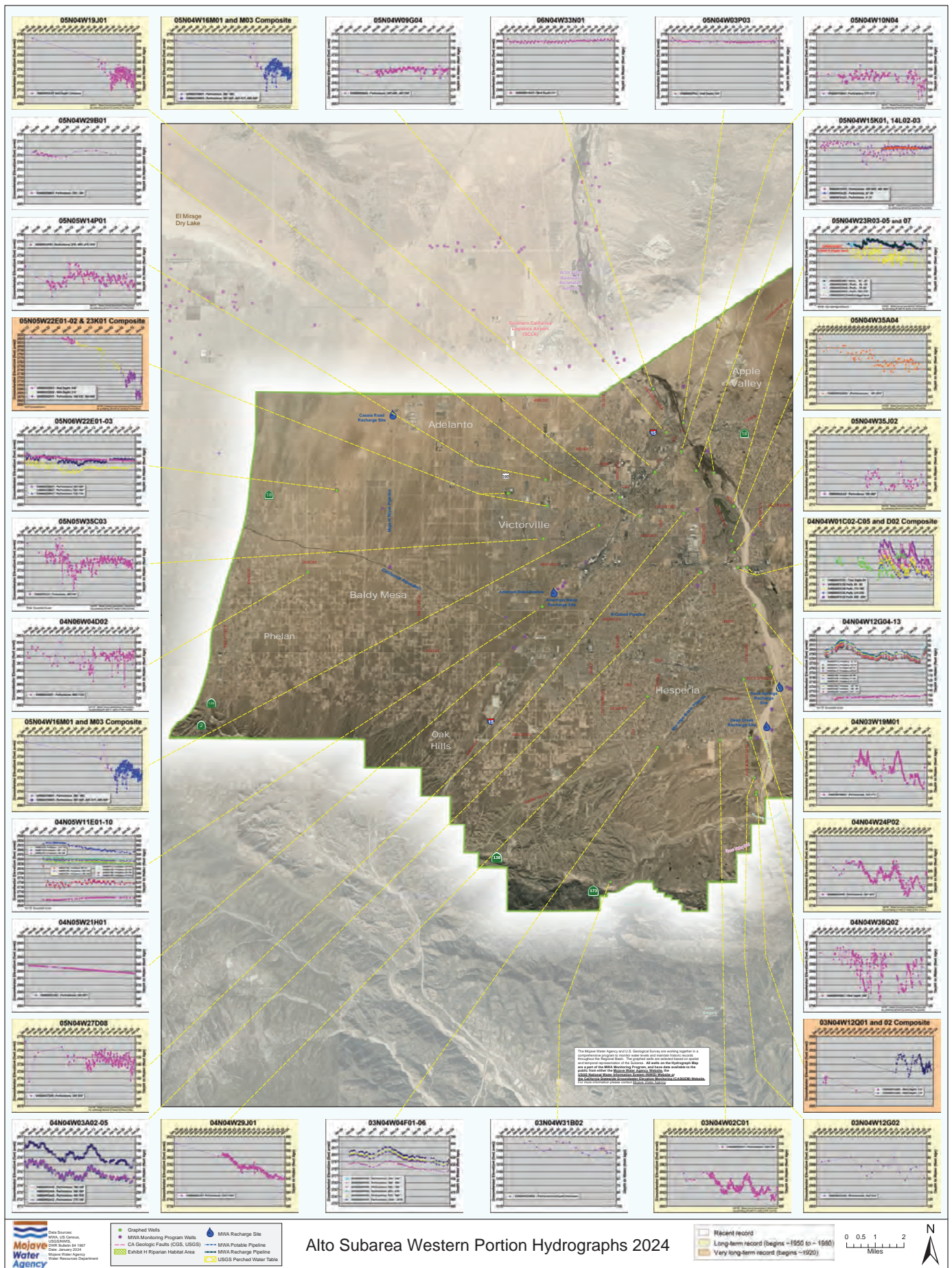


FIGURE 3-11

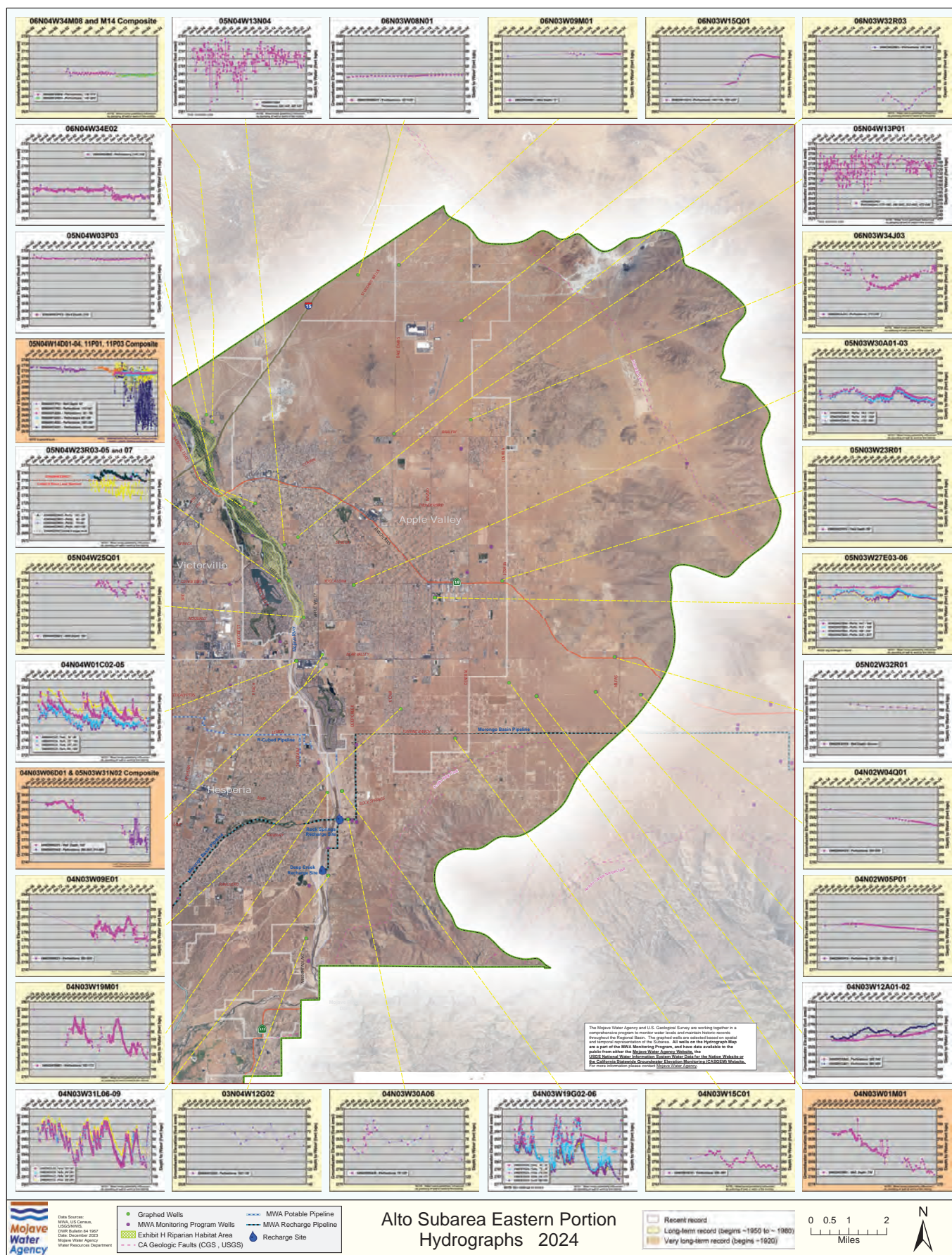


FIGURE 3-12

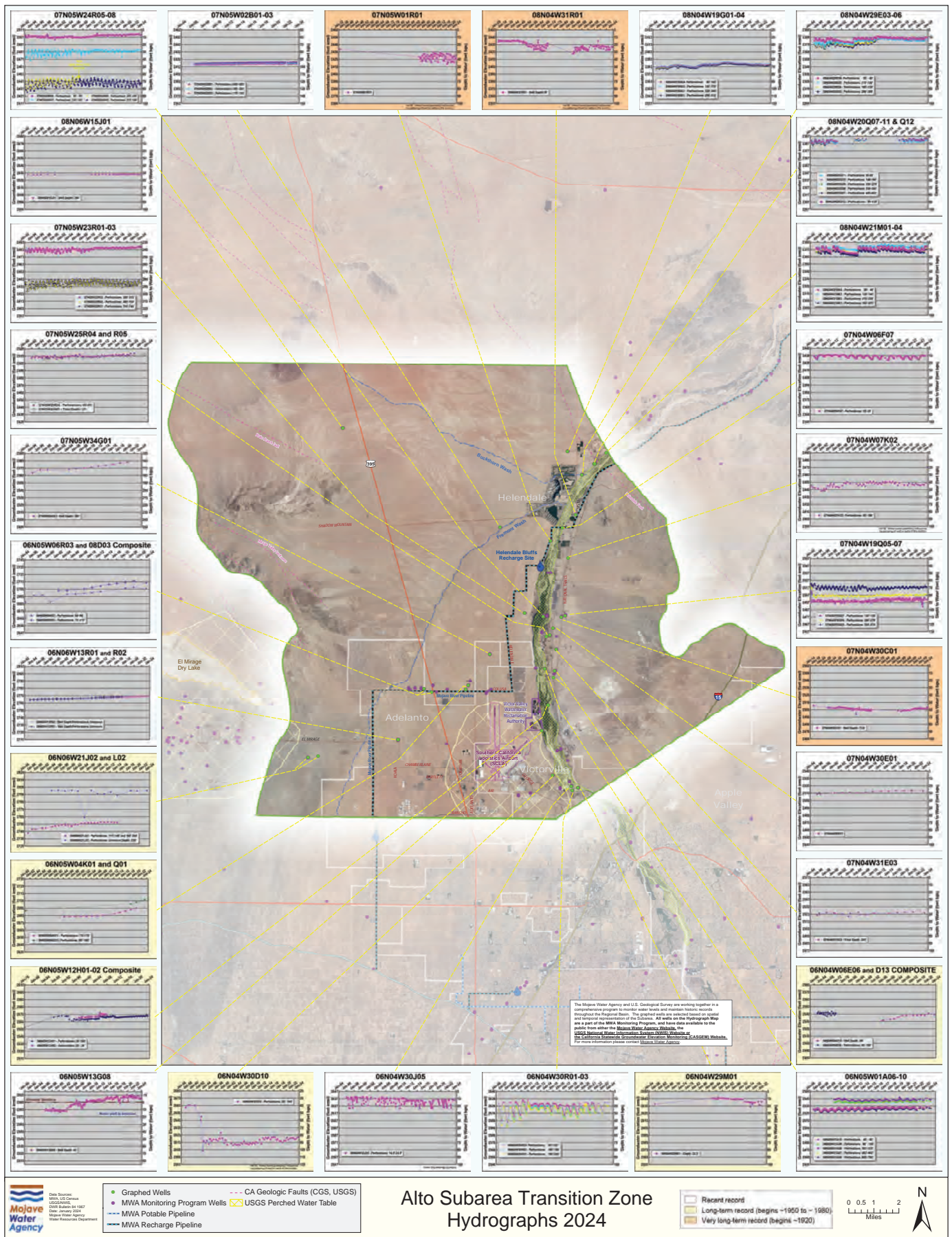


FIGURE 3-13

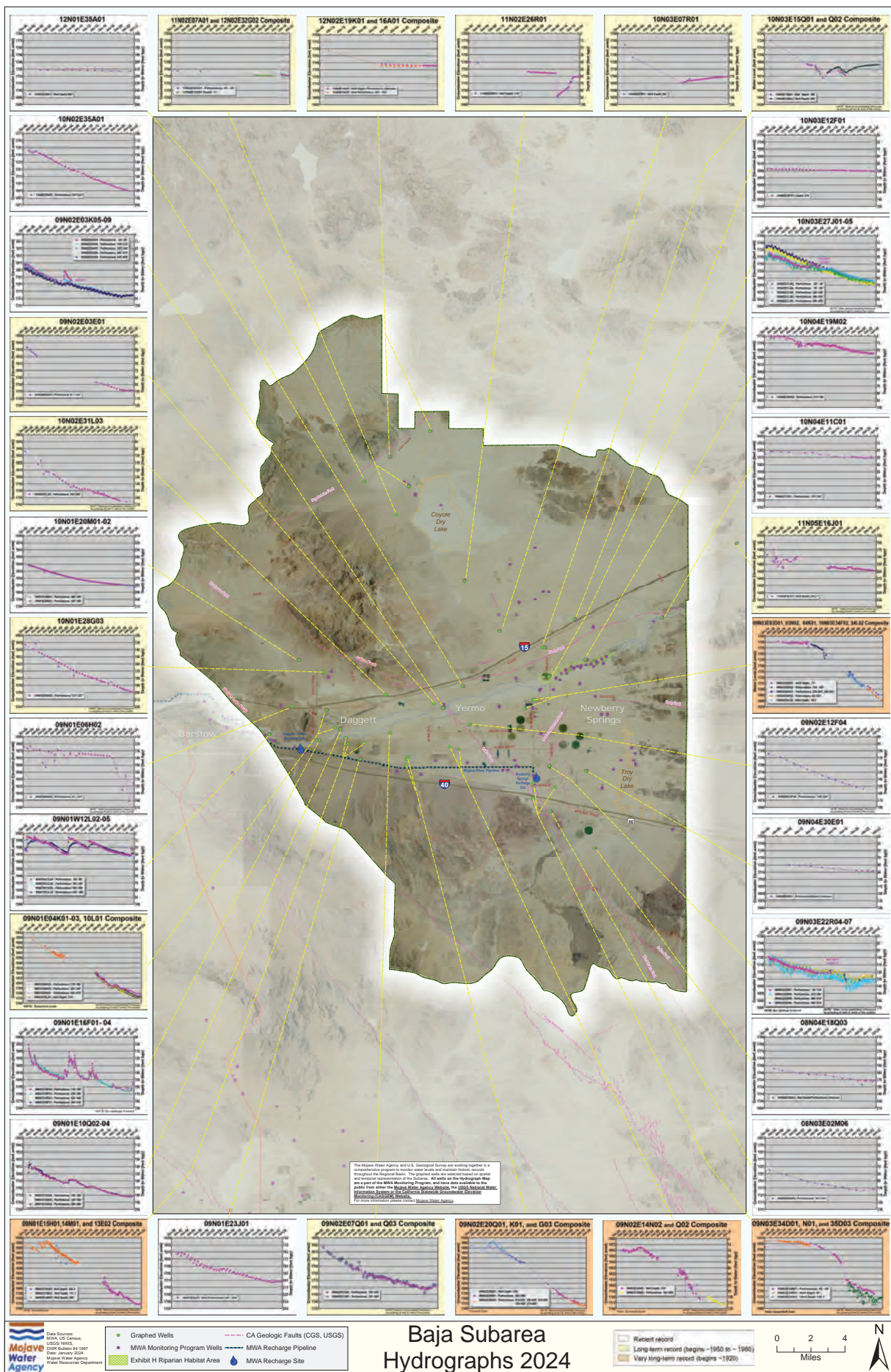


FIGURE 3-14

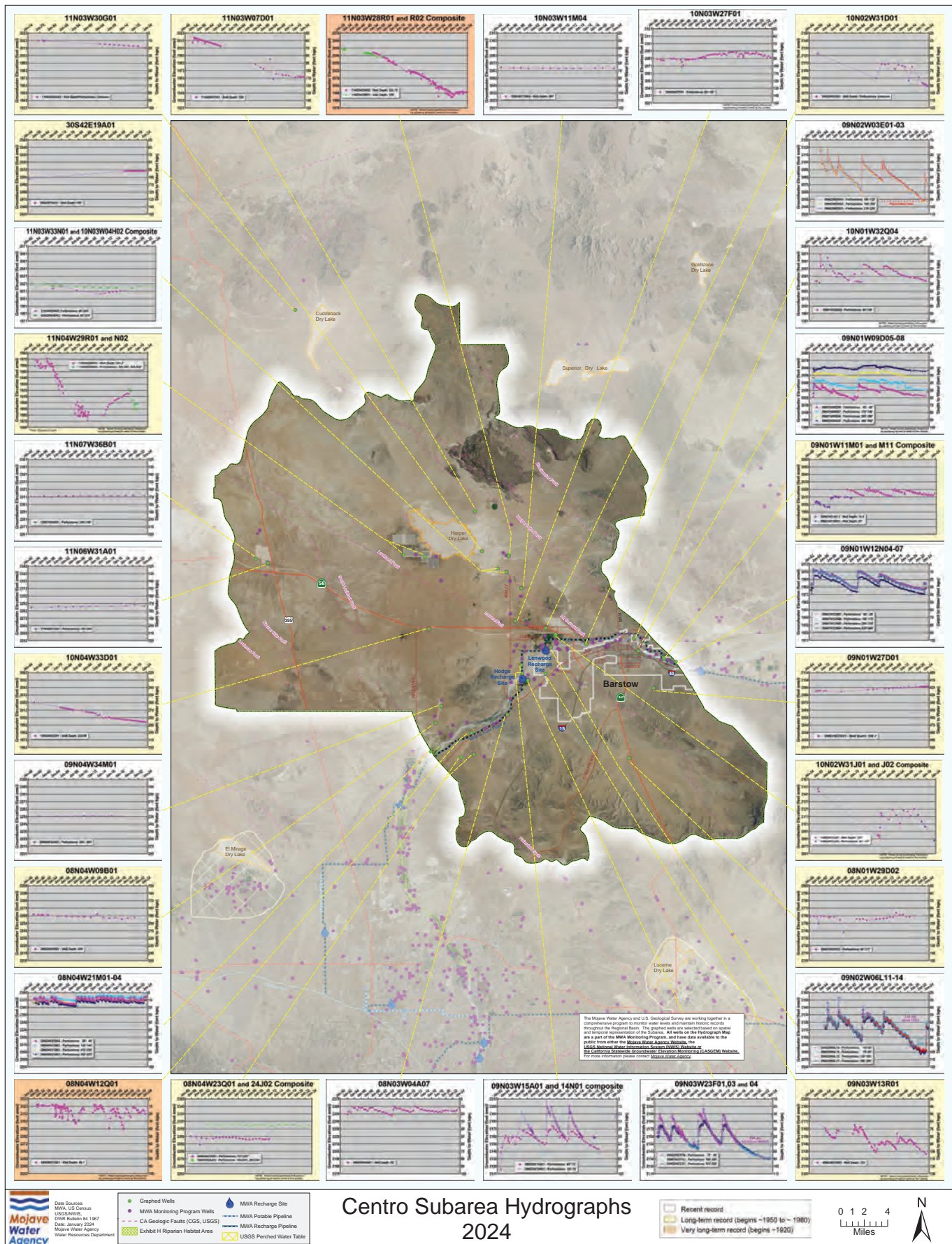


FIGURE 3-15

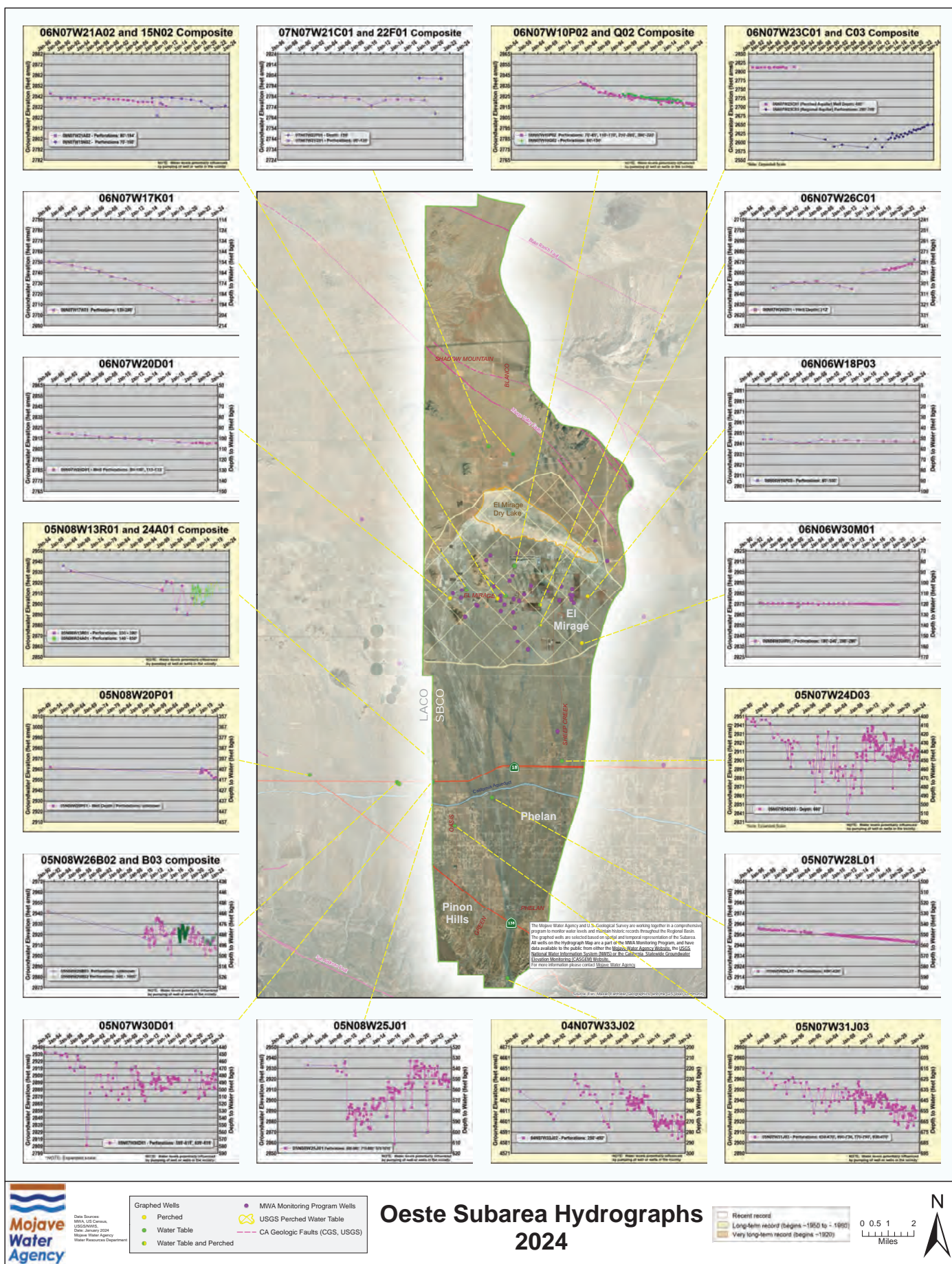


FIGURE 3-17

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 nine 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 55,000 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 2023.

Conditions in Baja (Figure 3-20) might be stabilizing. Optimal operating parameters have not yet been established. Figure 3-20, (for Baja), shows that if pumping remains at or lower than the past several years, there may not be continuous depletion of groundwater 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 20 years.

Elements of water production, water supply, and outflow in Oeste (Figure 3-22) are roughly in balance over the past 20 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.”

MWA’s 2020 Urban Water Management Plan considered three water system reliability scenarios for evaluating its water supply. The scenarios included both a normal year as well as a single year historic drought on the SWP and a five-year drought risk assessment. 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 2020 UWMP. During the 20 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 7.9 years in Centro (143,337 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 2020 UWMP. Since 1996, Baja has lost about 513,969 acre-feet of groundwater storage. There is concern that the Baja subarea could not sustain a continued reduction in storage.

TABLE 3-2

**ANNUAL CHANGE IN STORAGE BY SUBAREA
WATER YEAR 2022-23
(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	5,108	3,634	263,022	108,359	15,256	395,379
Total Outflow and Consumptive Use	5,108	3,634	143,991	27,903	12,625	193,261
Net Change in Storage	0	0	119,031	80,456	2,631	202,118

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. Assume change in storage = 0.**

Alto Subarea **Net Change in Storage and MWA Storage Account Balance** **Water Years 1996 through 2023**

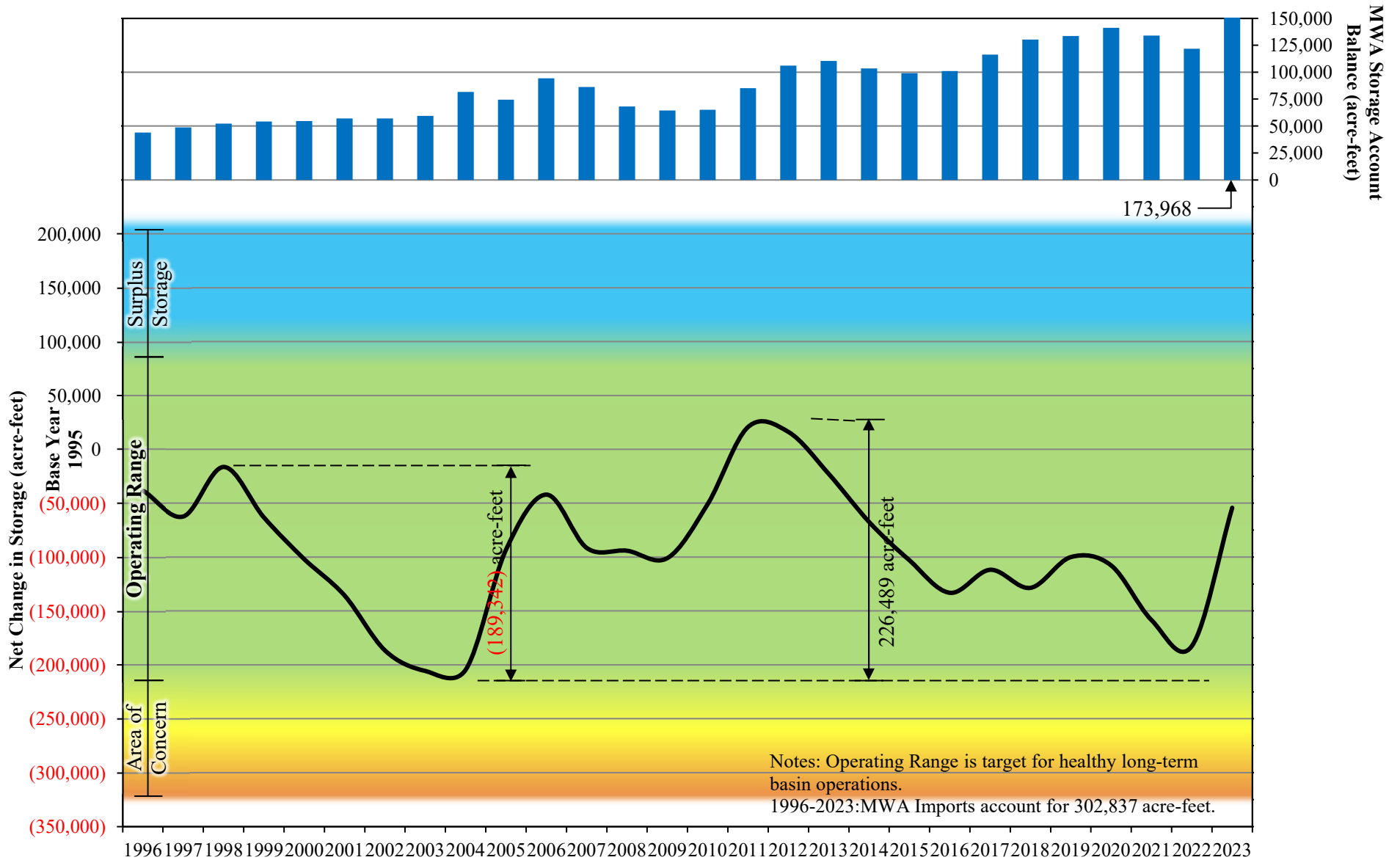


FIGURE 3-18

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 56,045 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 2012-2022 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2023.

Centro Subarea **Net Change in Storage and MWA Storage Account Balance** **Water Years 1996 through 2023**

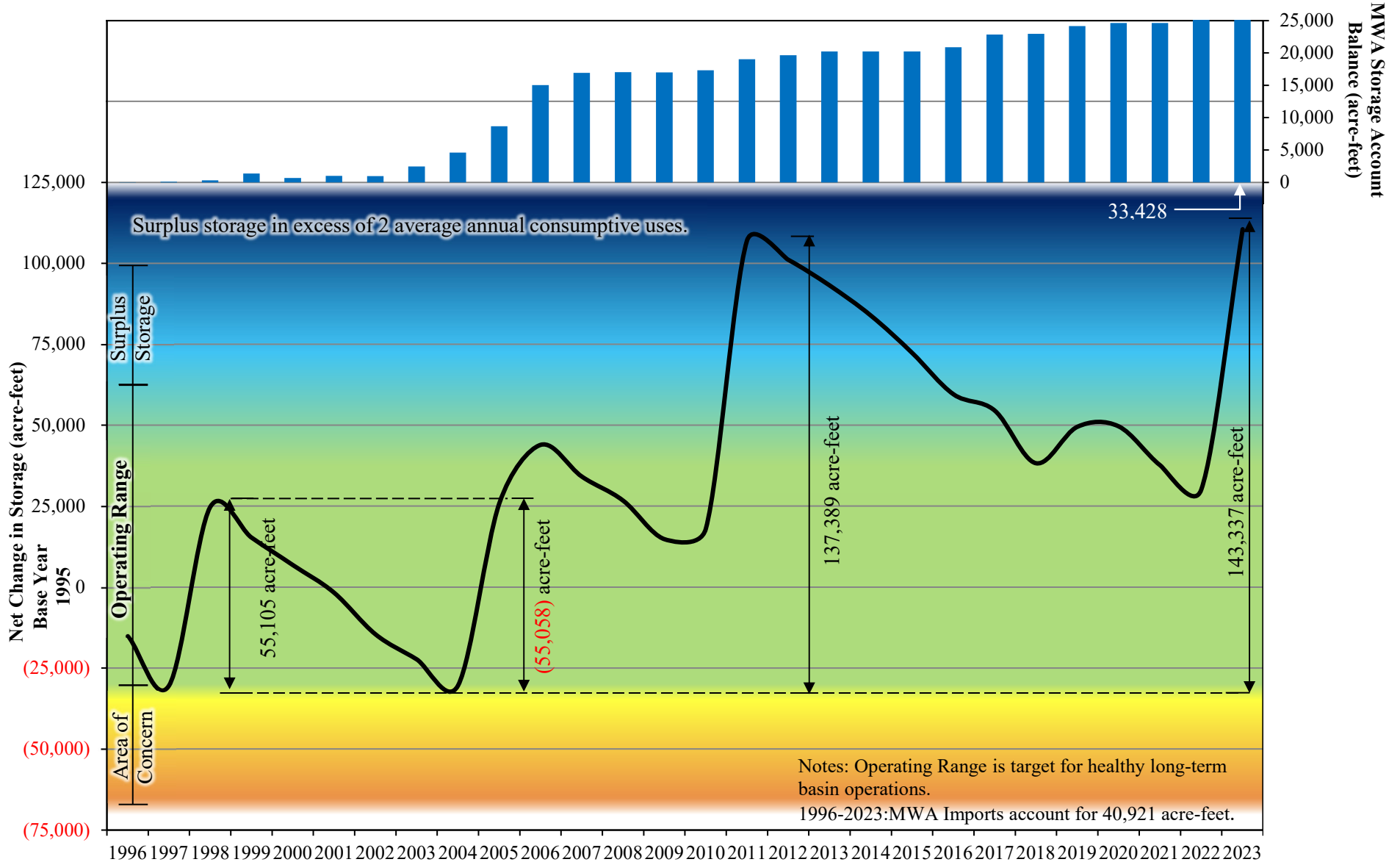
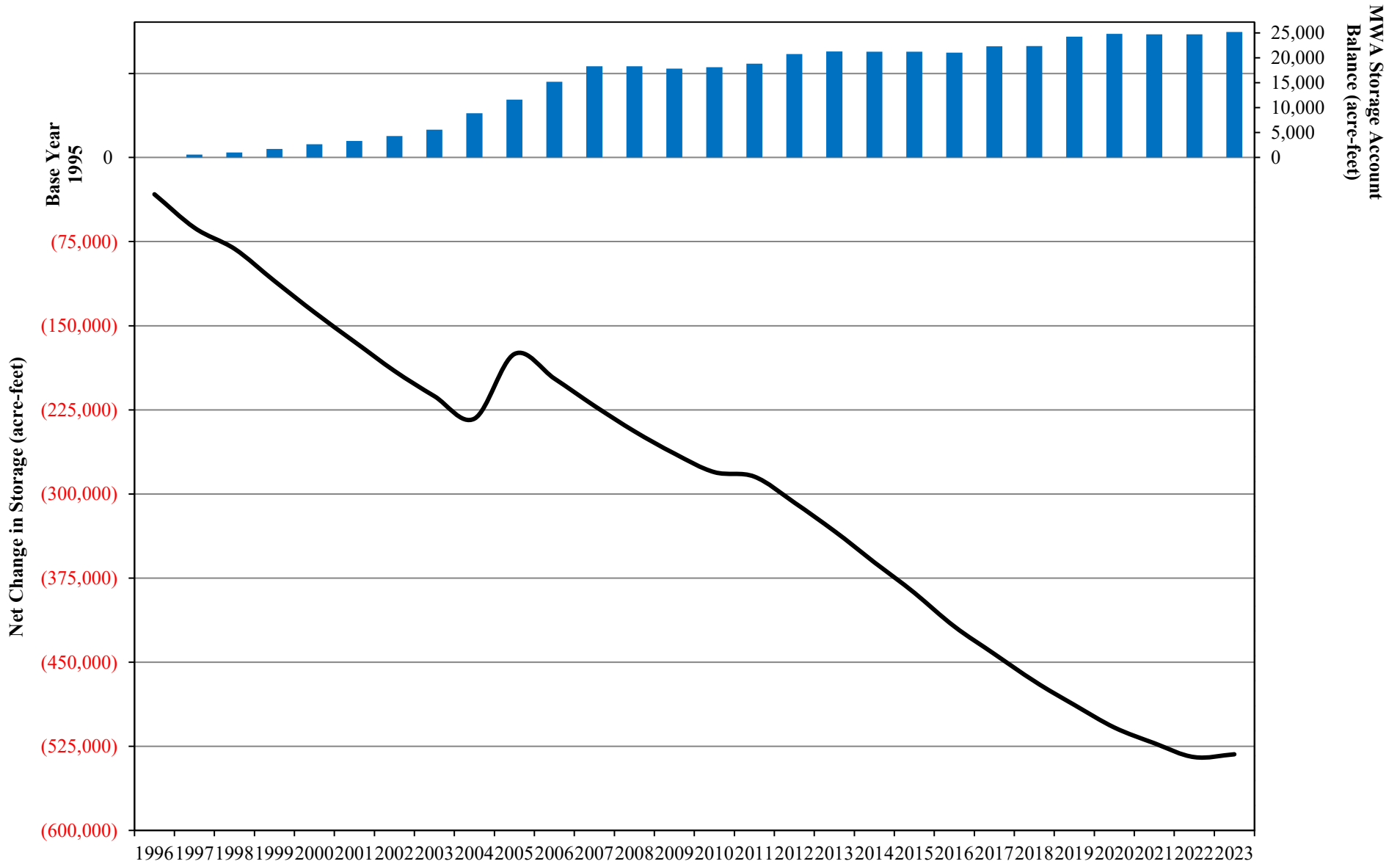


FIGURE 3-19

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 18,428 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 2012-2022 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2023.

Baja Subarea
Net Change in Storage and MWA Storage Account Balance
Water Years 1996 through 2023



Note: Operating Range is not yet established.

Source: Consumptive Use for 1996-2011 per Robert C. Wagner, Watermaster Engineer. Consumptive Use for 2012-2022 based on analysis of individual producers, Robert C. Wagner, Watermaster Engineer, 2023.

FIGURE 3-20

Este Subarea
Net Change in Storage and MWA Storage Account Balance
Water Years 1996 through 2023

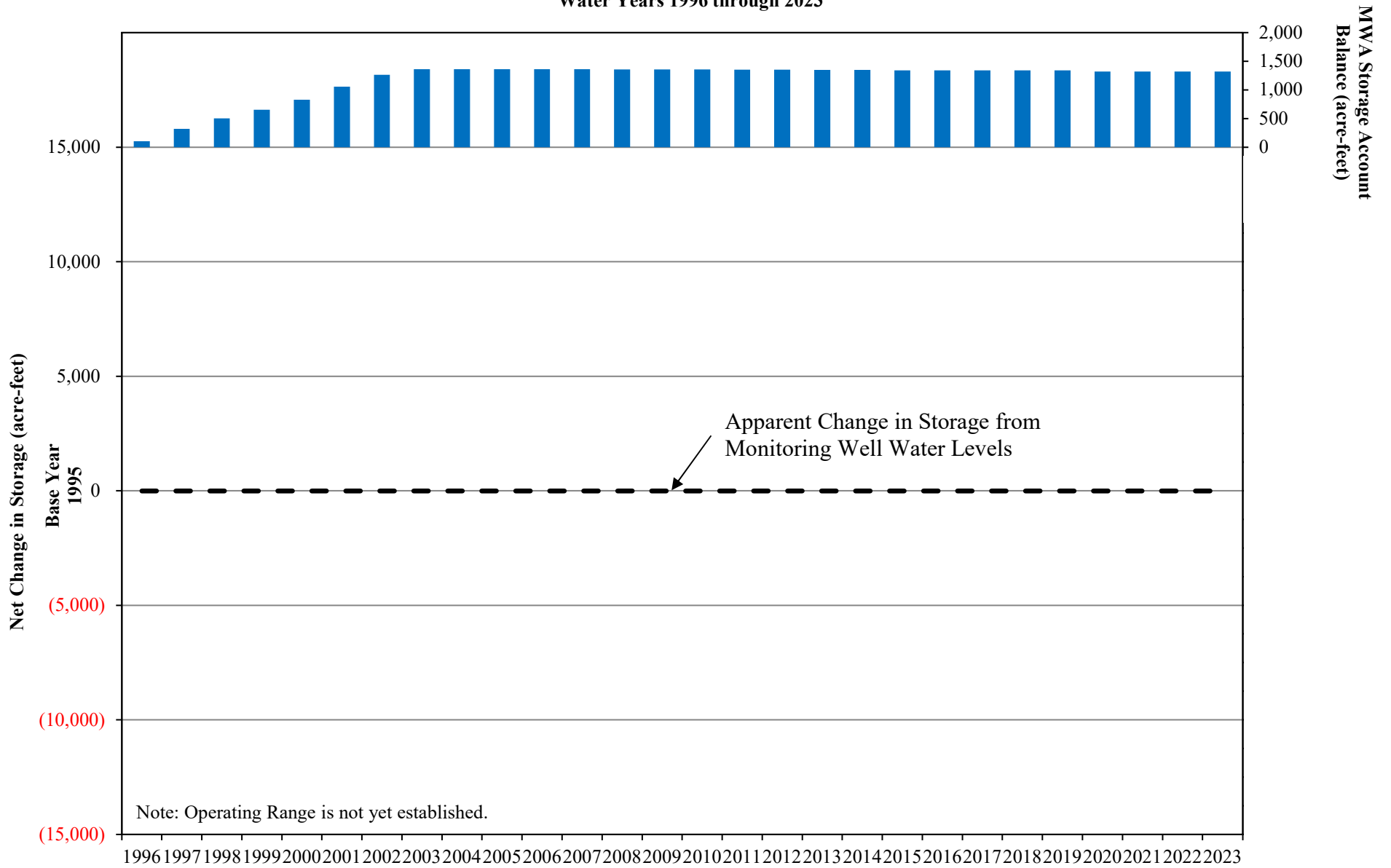


FIGURE 3-21

Oeste Subarea
Net Change in Storage and MWA Storage Account Balance
Water Years 1996 through 2023

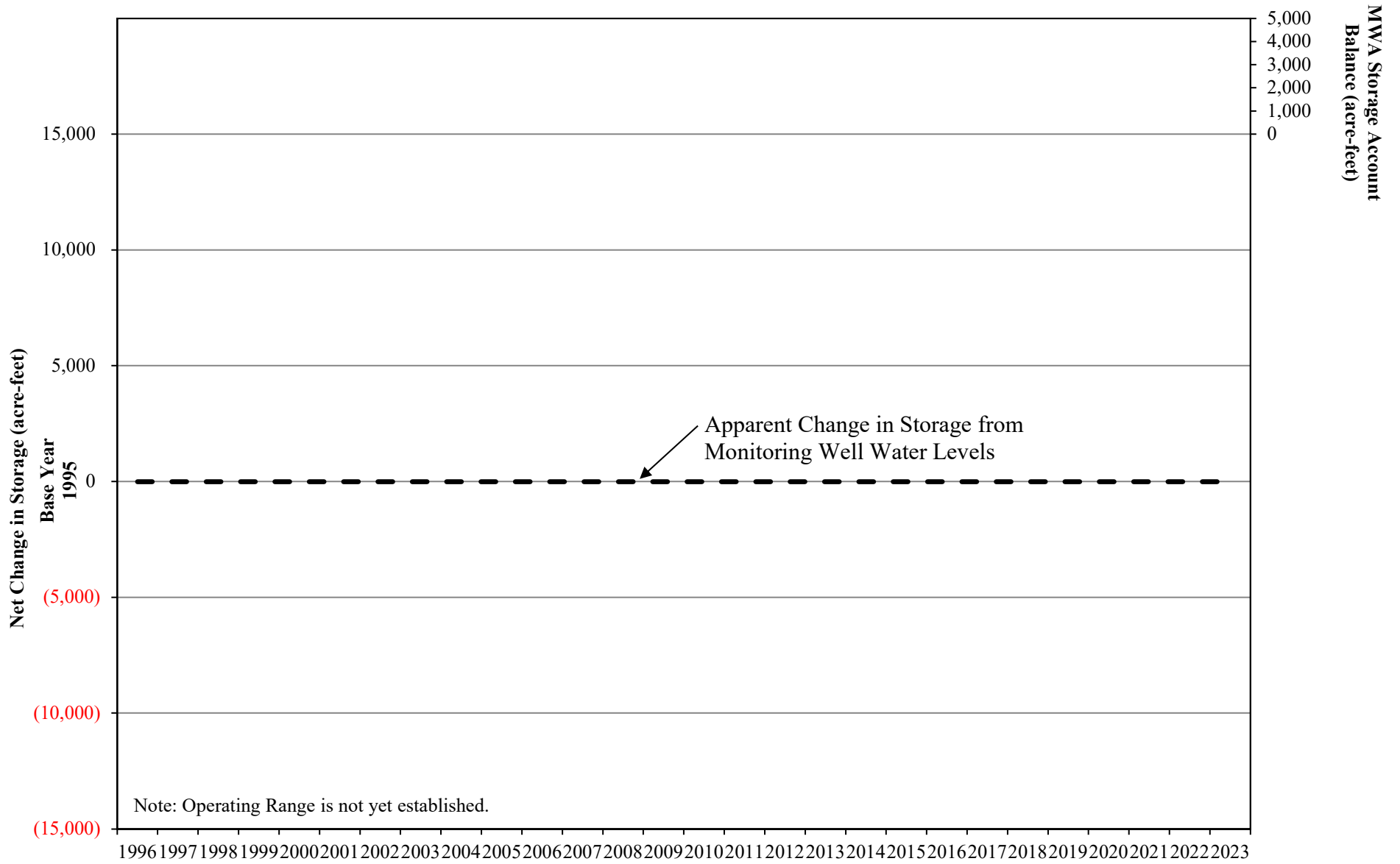


FIGURE 3-22

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, 2024.

Replacement Water

Each Producer's Replacement Water Obligation in each Subarea was calculated by subtracting that Producer's 2022-23 share of FPA (plus any transferred or carryover FPA) from that Producer's verified production in 2022-23. Each Producer's Replacement Water Assessment was calculated by multiplying that Producer's Replacement Water Obligation by the 2022-23 Replacement Water Assessment Rate of \$565.00 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 2022-23 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 2024. Unused FPA during 2022-23 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 2022-23 in each Subarea.

TABLE 4-1

**SUMMARY OF REPLACEMENT WATER OBLIGATIONS
AND
REPLACEMENT WATER ASSESSMENTS FOR
WATER YEAR 2022-23**

<u>Subarea</u>	<u>Replacement Water Obligations</u> (acre-feet)	<u>Replacement Water Assessments</u>	<u>Unused FPA</u> (acre-feet)
Este	339	\$191,535.00	11,020
Oeste	0	\$0.00	3,773
Alto	18,489	\$10,446,285	14,314
Centro	130	\$73,450.00	28,123
Baja	987	\$557,665.00	10,499
Total	19,945	\$11,268,925.00	67,729

Makeup Water

The Base Flow determination of 9,690 acre-feet prepared by the Watermaster Engineer was presented to the Watermaster at the regularly scheduled meeting on January 24, 2024. Table 4-2 summarizes the flows credited to each Subarea obligation during Water Year 2022-23, the status of each Subarea at the end of the year and each minimum obligation for Water Year 2022-23. The Makeup Obligation from the Alto Subarea to the Centro Subarea for Water Year 2022-23 is 0 acre-feet. Table 4-3 shows the year over year Makeup Obligation from Alto to Centro beginning in Water Year 2013-14.

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 2022-23

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 2022-23					
Cumulative Obligation	5,800	23,200	667,000	34,800	11,600
Cumulative Flow	5,800	23,200	646,122	34,800	8,038
Net cumulative Credit (Debit)	0	0	(20,878)	0	(3,562)
Flow During 2022-23					
Base Flow	---	---	9,690	---	---
Subsurface Flow	200	800	2,000	1,200	249
Other Water	0	0	14,274	0	0
Makeup Water Purchased	<u>0</u>	<u>0</u>	<u>2,183</u>	<u>0</u>	<u>0</u>
Total Flow	200	800	28,147	1,200	249
Minimum Obligations for 2022-23	160	640	25,359	960	3,482
Makeup Obligation Incurred	0	0	0	0	3,233
Status at End of 2022-23					
Cumulative Obligation	6,000	24,000	690,000	36,000	12,000
Cumulative Flow	<u>6,000</u>	<u>24,000</u>	<u>674,269</u>	<u>36,000</u>	<u>8,287</u>
Net Cumulative Credit (Debit)	0	0	(15,731)	0	(3,713)
Minimum Obligation for 2023-24					
Annual Minimum	160	640	18,400	960	320
+ 1/3 of Cumulative Debit	0	0	5,244	0	1,238
+ Additional to reduce Cumulative Debit to Annual Obligation	0	0	0	0	2,075
Alternative Minimum for Alto ¹	---	---	---	---	---
Minimum Obligation for 2023-24	160	640	23,644	960	3,633 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 2013-14 THROUGH 2022-23**

Water Year	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
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	460,000	483,000	506,000	529,000	552,000	575,000	598,000	621,000	644,000	667,000
Cumulative Flow	447,286	468,411	490,268	511,465	533,205	554,196	577,480	600,435	622,857	646,122
Net cumulative Credit (Debit)	(12,714)	(14,589)	(15,732)	(17,535)	(18,795)	(20,804)	(20,520)	(20,565)	(21,143)	(20,878)
Flow During Water Year										
Base Flow	6,227	5,418	4,851	4,031	3,662	4,533	5,185	4,791	3,337	9,690
Subsurface Flow	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Other Water	12,898	12,926	12,940	13,262	12,824	13,077	13,719	13,346	15,095	14,274
Makeup Water Purchased	0	1,513	1,406	2,447	2,505	3,674	2,051	2,285	2,833	2,183
Total Flow	21,125	21,857	21,197	21,740	20,991	23,284	22,955	22,422	23,265	28,147
Minimum Obligations	22,638	23,263	23,644	24,245	24,665	25,335	25,240	25,255	25,448	25,359
Makeup Obligation Incurred	1,513	1,406	2,447	2,505	3,674	2,051	2,285	2,833	2,183	0
Status at End of Water Year										
Cumulative Obligation	483,000	506,000	529,000	552,000	575,000	598,000	621,000	644,000	667,000	690,000
Cumulative Flow	468,411	490,268	511,465	533,205	554,196	577,480	600,435	622,857	646,122	674,269
Net Cumulative Credit (Debit)	(14,589)	(15,732)	(17,535)	(18,795)	(20,804)	(20,520)	(20,565)	(21,143)	(20,878)	(15,731)
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	4,863	5,244	5,845	6,265	6,935	6,840	6,855	7,048	6,959	5,244
+ Additional to reduce Cumulative Debit to Annual Obligation	0	0	0	0	0	0	0	0	0	0
Alternative Minimum ¹	---	---	---	---	---	---	---	---	---	---
Minimum Obligation for Next Year	23,263	23,644	24,245	24,665	25,335	25,240	25,255	25,448	25,359	23,644

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

CHAPTER 5

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25

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.

In 2023 an update to Production Safe Yield and Consumptive Use for each subarea was completed at the court's request. Previously, PSY was updated in August 2018. Consumptive use and PSY are defined by the Judgment as follows:

- Production Safe Yield - The highest average Annual Amount of water that can be produced from a Subarea: (1) over a sequence of years that is representative of long-term average annual natural water supply to the Subarea net of long-term average annual natural outflow from the Subarea, (2) under given patterns of Production, applied water, return flows and Consumptive Use, and (3) without resulting in a long-term net reduction of groundwater in storage in the Subarea.
- Consumption or Consumptive Use - The permanent removal of water from the Mojave Basin Area through evaporation or evapo-transpiration.

Consumptive use is important because it is used to estimate return flow. Return flow is the difference between water production for a particular use and the estimated consumptive use of the production. Return flow is therefore considered part of the water supply.

The PSY estimate includes long-term hydrology as specified in the Judgment, consumptive uses for 2021-22 (updated), phreatophyte use as indicated in the Judgment, Subarea subsurface obligations and surface obligations between Alto and Centro (there are no other surface obligations in the Judgment). Table 5-1 shows the current PSY calculation.

The following table shows the current FPA for each Subarea and the estimated PSY.

<u>Subarea</u>	<u>Base Annual Production</u>	<u>2023-24 FPA</u>	<u>Production Safe Yield</u>	<u>Percent Difference¹</u>	<u>2022-23 Verified Production</u>
Alto	116,412	59,771	62,005	-1.9%	68,751
Baja	66,157	15,414	12,749	4.0%	9,191
Centro	51,030	28,793	31,420	-5.1%	14,840
Este	20,205	11,568	5,108	32.0%	3,547
Oeste	7,095	3,667	3,634	0.5%	2,607

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

The Judgment's purpose is to balance supply and demand and allocate the cost to parties that over pump FPA. The purpose of Rampdown is not to cause a reduction in pumping but a reduction in FPA to cause imported water supply to be purchased to offset deficits.

The following is the recommendation for setting FPA for Water Year 2024-25:

<u>Subarea</u>	<u>Proposed 2024-25 Free Production Allowance</u>
Alto	53.3% of Base Annual Production
Centro	60% of Base Annual Production
Baja	20.5% of Base Annual Production
Este	50% of Base Annual Production
Oeste	50% of Base Annual Production

PSY is based on long term average water supply (1931-1990) as recorded at the Forks and the assumptions that this supply will be repeated over a long period of time, and that there is sufficient groundwater in storage to continue to overdraft the groundwater supply during periods of below average inflow. Time is an important consideration in the relationship between FPA, PSY and sustainability. A period of well below average inflow may cause disruption in water supply while a subarea remains in relative balance (FPA=PSY).

The court ordered a review of the PSY for the five subareas in its September 16, 2022 Order. In compliance with that order Watermaster has reevaluated PSY for all Subareas as shown above. A detailed summary of the PSY update, the consumptive use update, and evaluation of each of the five subareas is available at <https://www.mojavewater.org/basin-management/watermaster/reports/>.

Alto – 53.3% of BAP

Water levels in some wells show a continuing downward trend in response to drier than average water supply during the past 12 years. During 2022-23, inflow measured at Deep Creek and West Fork Mojave River (Forks), was 199,660 acre-feet or about 305% of the 60-year base period average after accounting for MWA deliveries of 50,590 acre-feet. During the recent 12-year period 2012 to 2023, inflow at the Forks, as reported by USGS has been 64% (41,965 acre-feet) of the 60 year base period average (65,538 acre-feet). The Watermaster Engineer has completed an analysis of the water supply conditions in Alto using the Upper Mojave Basin Model (UMBM) and has adopted findings from the model to establish a PSY as indicated above. It is recommended that Alto FPA be set at 53.3% of BAP for Water Year 2024-25.

Centro – 60% of BAP

PSY for Centro has been reevaluated and should be set at 31,420 acre feet (PSY Update Appendix A). The indicated FPA for Centro based on the updated PSY would be 61.6% of BAP. Some Parties have experienced problems with their production wells in some areas due to declining water levels. Watermaster was presented with data showing that concentrated pumping in small, segmented aquifers along the river are depleted faster than they can be recharged through long dry periods (2012-2022 for example). In 2022 MWA committed to deliver 5,000 acre feet of supplemental water as a temporary relief for Centro Producers. The storms of 2023 (199,660 acre feet at the Forks of native water supply) and the release of about 73,000 acre feet to the Mojave River by MWA have increased water levels downstream (see Figure 3-15). The local issues of concentrated pumping isn't a problem that is easily addressed by the Judgment. However, the continuous importation of water to satisfy the annual deficit in the upstream basin will help mitigate, but not resolve, downstream issues. It is recommended that Centro FPA be set at 60% of BAP for Water Year 2024-25.

Baja – 20.5% of BAP

PSY for Baja has been reevaluated based on a subarea wide assessment of water levels and decreases in pumping in Baja (PSY Update, Appendix E). As FPA is within 5% of PSY (4.0%) in Baja, additional Rampdown is not required. We note that the water production in Baja has declined about 60% since 2016 to 9,191 acre-feet. The pumping decline since 2016 has caused some water

levels to slow the historic drop, and even recover in some wells (PSY Update Appendix E). This trend is likely to continue and is an indication that the PSY in Baja is close to the average amount of pumping for the past several years. It is recommended that Baja FPA remain at 20.5% of BAP for the 2024-25 Water Year.

Este – 50% of BAP

PSY for Este has been reevaluated as indicated above. As FPA remains higher than PSY in Este, additional rampdown is warranted. The Este water levels over a long period of time suggest there is very little loss of storage. An evaluation of water supply and water levels is provided in the PSY Update, Appendix D. It is recommended that Este FPA be reduced by 5% to 50% for Water Year 2024-25.

Oeste – 50% of BAP

PSY for Oeste has been reevaluated as indicated above. The Oeste water levels over time are variable but have generally fluctuated within a range, which indicates little or no loss of storage. An evaluation of the water supply and water levels is provided in the PSY Update, Appendix C. It is recommended that Oeste FPA remain at 50% of BAP for Water Year 2024-25.

**--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)**

	<u>Este</u>	<u>Oeste</u>	<u>Alto</u>	<u>Centro</u>	<u>Baja</u>	<u>Basin Totals</u>
WATER SUPPLY						
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	2,000	0	0	0	0	2,000
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	0	0	0	0	0	0
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	15,700	7,600	98,900	46,500	54,300	223,000
 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 Proposed
HYDROLOGICAL INVENTORY BASED ON VARIOUS SUPPLY ASSUMPTIONS AND 2021-22
CONSUMPTIVE USE, RETURN FLOW AND IMPORTS

(ALL AMOUNTS IN ACRE-FEET)

	ALTO	TRANSITION ZONE	CENTRO
	<u>2001-2020</u>	<u>2001-2020</u>	<u>2001-2020</u>
WATER SUPPLY			
Surface Water Inflow ¹	61,635	24,808	36,725
Mountain Front Recharge ²	8,511	0	0
Groundwater Discharge to the Transition Zone ³	0	5,112	0
Subsurface Inflow ⁴	0	7,053	2,000
Este/Oeste Inflow ⁵	4,785	62	
Imports ⁶	0	15,095	
TOTAL	74,931	52,130	0
CONSUMPTIVE USE AND OUTFLOW			
Surface Water Outflow	36,725 ⁷	36,725 ⁷	7,500 ¹⁴
Barstow Treatment Plant Discharge			2,475
Subsurface Outflow ⁸	2,000	2,000	1,462
Consumptive use ⁹		#	
Agriculture	949	949	5,863
Urban	40,171	6,456	6,885
Phreatophytes ¹⁰	11,000	6,000	3,000
TOTAL	90,845	52,130	7
Surplus / (Deficit) ¹¹	(15,914)	#	11,540
Total Estimated Production ¹²	78,147		16,995
Potential Return Flow from Surplus	0		2,885
PRODUCTION SAFE YIELD ¹³	62,233	#	31,420

¹ Average discharge of Mojave River by USGS, 2001-2020 (USGS stations at West Fork Mojave River Near Hesperia, CA (10261000), Deep Creek Near Hesperia, CA (10260500) and Lower Narrows Near Victorville, CA (10261500)).

² Mountain front recharge as developed from Upper Basin Alto Model.

³ Groundwater discharge lost to Transition Zone below the Narrows.

⁴ Portion of water lost to Transition Zone from Alto (Upper Basin Model). Groundwater discharge to Harper Lake (USGS Stamos 2001).

⁵ Subsurface Inflow to Alto from Este and Oeste Subareas (Upper Basin Model).

⁶ Total discharge to Transition Zone from VVWRA, 2021-22 Water Year.

⁷ Estimated based on reported flows at USGS gaging station, Mojave River at Victorville Narrows and 2001-2020

⁸ Groundwater discharge to Baja 1462 AF; 3501 AF groundwater discharge from Barstow area to Harper Lake. (USGS Stamos 2001)

⁹ Includes consumptive use of "Minimals Pool" (estimated Minimal's production is 2,104 af).

¹⁰ From USGS Water-Resources Investigation Report 96-4241 "Riparian Vegetation and Its Water Use During 1995 Along the Mojave River, Southern California" 1996. Lines and Bilhorn

¹¹ Amount necessary to offset overdraft under the above assumptions.

¹² Water production for 2021-22. Included in the production values are the estimated minimal producer's water use.

¹³ Imported State Water Project water purchased by MWA is not reflected in the above table.

¹⁴ Reported flows at USGS gaging station, Mojave River at Barstow (10262500).

TABLE 5-1 (1931-1990)
BAJA SUBAREA HYDROLOGICAL INVENTORY BASED ON
LONG TERM AVERAGE NATURAL WATER SUPPLY AND OUTFLOW
AND 2021-22 IMPORTS AND CONSUMPTIVE USE

(ALL AMOUNTS IN ACRE-FEET)

WATER SUPPLY	<u>Baja</u>
Surface Water Inflow	17,358 ¹
Subsurface Inflow	1,581 ²
Deep Percolation of Precipitation	100
Tributary Inflow	3,571 ³
TOTAL	22,610
 CONSUMPTIVE USE AND OUTFLOW	
Surface Water Outflow	6,066 ⁴
Subsurface Outflow	0
Consumptive use	
Agriculture	6,092 ⁵
Urban	6,657
Phreatophytes	2,000
TOTAL	20,815
Surplus / (Deficit)	1,795
Total Estimated Production	12,749
PRODUCTION SAFE YIELD	14,544

¹ 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, and 205 af from washes (Wagner, 2011).

² Stamos, 2001 (USGS).

³ Stamos page 15, 2001 (USGS).

⁴ Based on USGS station Mojave River at Afton, CA (10263000) reported discharge for 1953-1990. Water Years 1979 and 1980 estimated by Mojave Basin Area Watermaster. Water year 1932-1952 estimated by Hardt, William, USGS

⁵ 2022 Consumptive Use Analysis, Watermaster.

TABLE 5-1 (Based on 2001-2020)

BAJA SUBAREA HYDROLOGICAL INVENTORY BASED ON VARIOUS SUPPLY ASSUMPTIONS AND 2021-22 CONSUMPTIVE USE, RETURN FLOW AND IMPORTS

(ALL AMOUNTS IN ACRE-FEET)

Water Supply	<u>Baja</u>
Gaged Inflow ⁽¹⁾	7,500
Tributary Inflow ⁽²⁾	1,568
Subsurface Inflow ⁽³⁾	1,751
Mountain Front Recharge ⁽⁴⁾	647
Barstow Treatment Plan ⁽⁵⁾	2,455
Return Flow ⁽⁶⁾	554
Deep Percolation of Precipitation ⁽⁷⁾	100
Total	14,575
 Production and Outflow	
Gaged Outflow ⁽⁸⁾	2,554
Subsurface Outflow ⁽³⁾	170
Phreatophytes ⁽⁹⁾	984
Production ⁽¹⁰⁾⁽¹¹⁾	12,749
Total	16,457
 Surplus / (Deficit)	(1,883)
Total Estimated Production	12,749
 Production Safe Yield	10,866

Estimated from reported flows at USGS gaging station, Mojave River at

1 Barstow. (2001 - 2020).

2 2001 USGS Stamos, Page 15-16.

3 2001 USGS Stamos, Figure 34.

4 2001 USGS Stamos, Table 11 Page 96.

5 Percolation Pond + Return Flow from Irrigation. Barstow data per Barstow Water Treatment Plan Matthew Franklin Lead Operator.

6 2022 Consumptive Use Analysis.

7 City of Barstow et al, v. City of Adelanto et al, Judgment. (1996)

8 Estimated from reported flows at USGS gaging station, Mojave River at Afton. (2001-2020) minus stream flows at Afton when Barstow was zero.

9 Area of Camp Cady * Evapotranspiration (Open ET eeMetric yearly average 2019-22).

10 2022 Watermaster.

11 Includes consumptive use of "Minimals Pool" (estimated Minimal's production is 2,228 acre-feet)

CHAPTER 6

FINANCIAL REPORT PROPOSED BUDGET AND ASSESSMENT RATES

Statements of Revenues, Expenses and Changes in Net Position

	<u>2022</u>	<u>2023</u>
Operating Revenue	\$ 6,169,061.00	\$ 5,568,896.00
Operating Expenses	6,206,080.00	5,455,687.00
Non-operating Revenue (Expense)	(89,275.00)	19,727.00
Change in Net Position	(126,294.00)	132,936.00
Net Position, beginning of year	918,009.00	791,715.00
Net Position, end of year	\$ 791,715.00	\$ 924,651.00

The Auditor's Report for Fiscal Year 2022-23 ending June 30, 2023 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, 2023 was \$814,968.00.

Administrative Budget for 2024-25

The Administrative Budget for 2024-25 is \$600,753 and is shown on Table 6-1.

Summary of Makeup Water Purchases

The Watermaster purchased 29 acre-feet of Makeup water during the 2022-23 Water Year for the Centro Subarea.

Summary of Replacement Water Purchases

Replacement water purchases by Watermaster during 2022-23 are as follows:

Alto ¹	8,326	acre-feet
Baja	69	acre-feet
Centro	18	acre-feet
Este	0	acre-feet
Oeste	0	acre-feet
Total	8,413	acre-feet

¹ 792 acre-feet of Alto Replacement water was pre-purchased under the MWA Claim Program.

² 2,286 acre-feet was pre-stored under a storage agreement.

Administrative and Biological Assessment Rates for 2024-25

The Administrative and Biological Assessment Rates for 2024-25 adopted by the Watermaster on March 27, 2024 are as follows:

Administrative	\$ 5.65 per acre-foot of Production
Biological Resources	\$ 1.21 per acre-foot of Production

Projected Replacement and Makeup Water Assessment Rates for 2023-24 and 2024-25

The Replacement and Makeup Water Assessment Rates projected by the Watermaster on March 27, 2024 are as follows:

Replacement and Makeup Water Rate

2023-24	<i>Not to Exceed</i> \$624.00 per acre-foot ¹ (Invoice Date 6-1-2025)
2024-25	\$632.00 per acre-foot (projected) ² (Invoice Date 6-1-2026)

¹ This rate is for obligations incurred in the 2023-24 Water Year which will be billed in June 2025. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency in February 2025.

² This is a projected rate for obligations incurred in the 2024-25 Water Year which will be billed in June 2026. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency in February 2026.

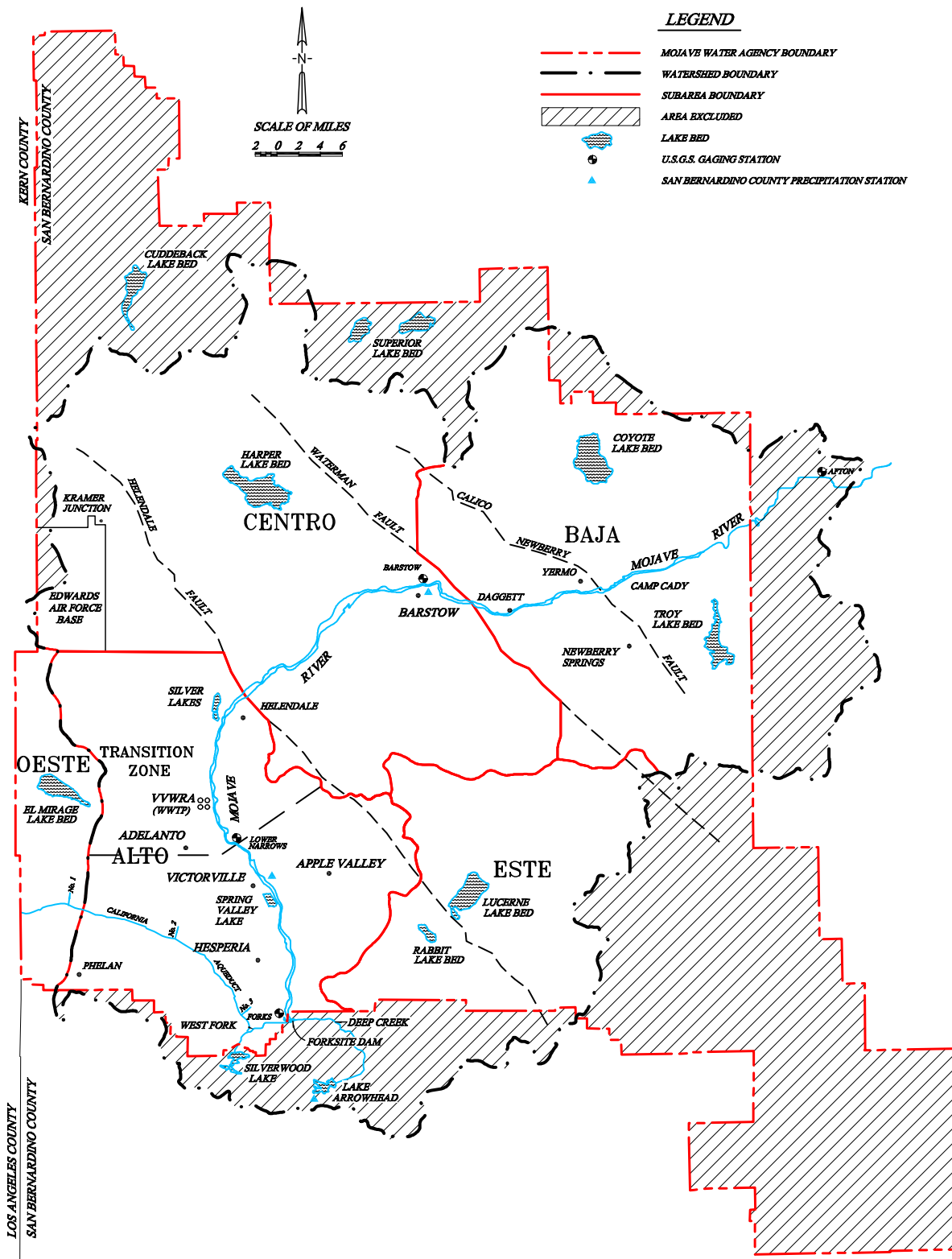
TABLE 6-1

**MOJAVE BASIN AREA WATERMASTER
ADMINISTRATIVE BUDGET
FOR WATER YEAR 2024-25**

1.	Administrative Services	\$ 408,153.00
2.	Engineering Services	\$ 93,500.00
3.	Legal Services	\$ 95,000.00
4.	Audit Services	\$ 4,100.00
Total Estimated Budget		<u>\$ 600,753.00</u>

APPENDIX A

MAP OF THE MOJAVE BASIN AREA



APPENDIX B

PRODUCER REPLACEMENT WATER AND MAKEUP WATER OBLIGATIONS AND ASSESSMENTS DUE FOR 2022-23

APPENDIX B

FEBRUARY 27, 2024

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2022-23
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ESTE SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)							
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$645.00/AF	MAKEUP WATER N/A	TOTAL
				2021-22	2022-23									
				CARRYOVER ³	FPA ⁴									
ABDUL, HARRY AND ANITA	194	117	127	0	0	244	0	117	0	0	0.00	0.00	0.00	0.00
ABSHIRE, DAVID V.	24	15	0	0	0	15	21	0	6	15	0.00	3,390.00	0.00	3,390.00
AHN REVOCABLE LIVING TRUST	0	0	0	0	0	0	44	0	44	0	0.00	24,860.00	0.00	24,860.00
AHN REVOCABLE TRUST	28	17	19	0	0	36	4	17	0	4	0.00	0.00	0.00	0.00
AHN, CHUN SOO AND DAVID	400	240	260	(122)	0	378	0	240	0	0	0.00	0.00	0.00	0.00
AMERICA UNITED DEVELOPMENT, LLC	500	300	325	0	0	625	1	300	0	1	0.00	0.00	0.00	0.00
ANDERSON, ROSS C. AND BETTY J.	34	21	23	0	0	44	0	21	0	0	0.00	0.00	0.00	0.00
AVILA, ANGEL AND EVALIA	573	344	373	0	0	717	174	344	0	174	0.00	0.00	0.00	0.00
BAR H MUTUAL WATER COMPANY	53	32	35	0	0	67	22	32	0	22	0.00	0.00	0.00	0.00
BELL, CHARLES H. TRUST DATED MARCH 7, 2014	494	297	322	(50)	0	569	271	297	0	271	0.00	0.00	0.00	0.00
CASA COLINA FOUNDATION	90	54	59	0	0	113	48	54	0	48	0.00	0.00	0.00	0.00
CENTER WATER COMPANY	40	24	26	0	0	50	22	24	0	22	0.00	0.00	0.00	0.00
CHUNG, ET AL.	0	0	0	0	0	0	18	0	18	0	0.00	10,170.00	0.00	10,170.00
CLUB VIEW PARTNERS	1,276	766	830	(36)	0	1,560	0	766	0	0	0.00	0.00	0.00	0.00
CROSS, SHARON I.	23	14	15	0	0	29	1	14	0	1	0.00	0.00	0.00	0.00
CROWN CAMBRIA, LLC	90	54	59	0	0	113	0	54	0	0	0.00	0.00	0.00	0.00
DACOSTA, DEAN EDWARD	56	34	37	0	0	71	1	34	0	1	0.00	0.00	0.00	0.00
DAHLQUIST, GEORGE R.	324	195	341	(341)	0	195	0	195	0	0	0.00	0.00	0.00	0.00
DESERT DAWN MUTUAL WATER COMPANY	15	9	0	0	0	9	19	0	10	9	0.00	5,650.00	0.00	5,650.00
DESERT GIRLZ LLC	299	180	195	0	0	375	158	180	0	158	0.00	0.00	0.00	0.00
DESERT SPRINGS MUTUAL WATER COMPANY	78	47	51	0	0	98	38	47	0	38	0.00	0.00	0.00	0.00
DOUGLAS, TINA	50	30	33	0	0	63	1	30	0	1	0.00	0.00	0.00	0.00
GABRYCH, EUGENE	2,201	1,321	1,431	0	0	2,752	0	1,321	0	0	0.00	0.00	0.00	0.00
GAETA, MIGUEL AND MARIA	1,500	900	927	(50)	0	1,777	1	900	0	1	0.00	0.00	0.00	0.00
GAETA, TRINIDAD	512	308	333	0	0	641	14	308	0	14	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	62	67	0	0	129	1	62	0	1	0.00	0.00	0.00	0.00
GOLDEN STATE WATER COMPANY	178	107	96	0	0	203	121	82	0	121	0.00	0.00	0.00	0.00
GORDON ACRES WATER COMPANY	54	33	36	0	0	69	37	32	0	37	0.00	0.00	0.00	0.00
GUBLER, HANS	30	18	20	0	0	38	12	18	0	12	0.00	0.00	0.00	0.00
HARVEY, LISA M.	300	180	195	0	0	375	4	180	0	4	0.00	0.00	0.00	0.00
HI-GRADE MATERIALS COMPANY	442	266	288	0	0	554	147	266	0	147	0.00	0.00	0.00	0.00
HITCHIN LUCERNE, INC.	16	10	11	0	0	21	11	10	0	11	0.00	0.00	0.00	0.00
JONES TRUST DATED MARCH 16, 2002	66	40	43	0	0	83	0	40	0	0	0.00	0.00	0.00	0.00
JUBILEE MUTUAL WATER COMPANY	142	86	0	0	0	86	100	0	14	86	0.00	7,910.00	0.00	7,910.00
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	23	2	100	0	125	69	23	0	69	0.00	0.00	0.00	0.00
KIM, JU SANG	30	18	20	0	0	38	1	18	0	1	0.00	0.00	0.00	0.00
LEE, ANNA K. AND ESHBAN K.	33	20	22	0	0	42	0	20	0	0	0.00	0.00	0.00	0.00
LEE, DOO HWAN	78	47	51	0	0	98	0	47	0	0	0.00	0.00	0.00	0.00

APPENDIX B

FEBRUARY 27, 2024

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2022-23
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ESTE SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP ⁹ OBLIGATION	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$645.00/AF	MAKEUP WATER N/A	TOTAL	
				2021-22	2022-23										
				CARRYOVER ³	FPA ⁴										
LOPEZ, BALTAZAR	385	231	251	0	0	482	0	231	0	0	0.00	0.00	0.00	0.00	
LUA, MICHAEL T. AND DONNA S.	348	209	227	0	0	436	0	209	0	0	0.00	0.00	0.00	0.00	
LUCERNE VALLEY MUTUAL WATER COMPANY	54	33	36	0	0	69	30	33	0	30	0.00	0.00	0.00	0.00	
LUCERNE VALLEY PARTNERS	1,213	728	789	0	0	1,517	0	728	0	0	0.00	0.00	0.00	0.00	
LUCERNE VALLEY UNIFIED SCHOOL DISTRICT	200	120	0	341	0	461	81	120	0	81	0.00	0.00	0.00	0.00	
LUCERNE VISTA MUTUAL WATER COMPANY	21	13	9	0	0	22	19	3	0	19	0.00	0.00	0.00	0.00	
M.B. LANDSCAPING AND NURSERY, INC.	1,773	1,064	939	0	0	2,003	1,266	737	0	1,266	0.00	0.00	0.00	0.00	
MITSUBISHI CEMENT CORPORATION	1,395	837	907	(190)	0	1,554	283	837	0	283	0.00	0.00	0.00	0.00	
MONACO INVESTMENT COMPANY	70	42	46	0	0	88	0	42	0	0	0.00	0.00	0.00	0.00	
MOSS, LAWRENCE W. AND HELEN J.	43	26	28	0	0	54	30	24	0	30	0.00	0.00	0.00	0.00	
NORRIS TRUST, MARY ANN	73	44	48	0	0	92	1	44	0	1	0.00	0.00	0.00	0.00	
OASIS WORLD MISSION	0	0	0	0	0	0	56	0	56	0	0.00	31,640.00	0.00	31,640.00	
OMYA CALIFORNIA, INC.	23	14	0	0	0	14	31	0	17	14	0.00	9,605.00	0.00	9,605.00	
PAK, KAE SOO AND MYONG HUI KANG	247	149	161	(38)	0	272	27	149	0	27	0.00	0.00	0.00	0.00	
PETTIGREW, DAN	22	14	15	0	0	29	0	14	0	0	0.00	0.00	0.00	0.00	
REED, MIKE	58	35	38	0	0	73	1	35	0	1	0.00	0.00	0.00	0.00	
RHEE, ANDREW N.	70	42	46	0	0	88	19	42	0	19	0.00	0.00	0.00	0.00	
ROBERTSON'S READY MIX	0	0	0	0	0	0	112	0	112	0	0.00	63,280.00	0.00	63,280.00	
ROYAL WAY	200	120	130	0	0	250	54	120	0	54	0.00	0.00	0.00	0.00	
S AND E 786 ENTERPRISES, LLC	597	359	389	0	0	748	0	359	0	0	0.00	0.00	0.00	0.00	
SABA FAMILY TRUST DATED JULY 24, 2018	1,120	672	728	0	0	1,400	0	672	0	0	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 29	40	24	0	0	0	24	59	0	35	24	0.00	19,775.00	0.00	19,775.00	
SON'S RANCH	140	84	91	0	0	175	38	84	0	38	0.00	0.00	0.00	0.00	
SPECIALTY MINERALS, INC.	52	32	0	0	0	32	59	0	27	32	0.00	15,255.00	0.00	15,255.00	
SPILLMAN, JAMES R. AND NANCY J.	23	14	15	0	0	29	5	14	0	5	0.00	0.00	0.00	0.00	
WEST END MUTUAL WATER COMPANY	30	18	20	(9)	0	29	15	14	0	15	0.00	0.00	0.00	0.00	
WILSHIRE ROAD PARTNERS	692	416	450	0	0	866	0	416	0	0	0.00	0.00	0.00	0.00	
TOTAL	19,251	11,569	12,035	(395)	0	23,209	3,547	11,020	339	3,208	0.00	191,535.00	0.00	191,535.00	

APPENDIX B

FEBRUARY 27, 2024

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2022-23
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

OESTE SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$645.00/AF	MAKEUP WATER N/A	TOTAL
				2021-22	2022-23									
				CARRYOVER ³	FPA ⁴									
AEROCHEM, INC.	660	363	396	0	0	759	2	363	0	2	0.00	0.00	0.00	0.00
CHAMISAL MUTUAL WATER COMPANY	96	53	58	0	0	111	23	53	0	23	0.00	0.00	0.00	0.00
HANDRINOS, NICOLE A.	7	4	5	0	0	9	0	4	0	0	0.00	0.00	0.00	0.00
HETTINGA REVOCABLE TRUST	1,302	717	782	0	0	1,499	65	717	0	65	0.00	0.00	0.00	0.00
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 10)	4,680	2,574	2,808	0	0	5,382	2,515	2,574	0	2,515	0.00	0.00	0.00	0.00
TROEGER FAMILY TRUST, RICHARD H.	112	62	68	0	0	130	2	62	0	2	0.00	0.00	0.00	0.00
TOTAL	6,857	3,773	4,117	0	0	7,890	2,607	3,773	0	2,607	0.00	0.00	0.00	0.00

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PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$645.00/AF	MAKEUP WATER \$645.00/AF	TOTAL	
				2021-22 CARRYOVER ³	2022-23 FPA ⁴										
ADELANTO, CITY OF	5,182	2,820	0	0	0	2,820	4,460	0	1,640	2,820	0.00	926,600.00	0.00	926,600.00	
ADES, JOHN AND DEVON	37	21	18	(18)	0	21	2	19	0	2	0.00	0.00	0.00	0.00	
AGCON, INC.	384	209	0	0	0	209	234	0	25	209	0.00	14,125.00	0.00	14,125.00	
AMERICAN STATES WATER COMPANY	1,000	545	550	(550)	0	545	0	545	0	0	0.00	0.00	0.00	0.00	
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	91	26	0	0	117	78	39	0	78	0.00	0.00	0.00	0.00	
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	69	0	0	0	69	103	0	34	69	0.00	19,210.00	0.00	19,210.00	
APPLE VALLEY UNIFIED SCHOOL DISTRICT	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	20	0	0	0	20	22	0	2	20	0.00	1,130.00	0.00	1,130.00	
APPLE VALLEY, TOWN OF	1,082	589	220	0	0	809	267	542	0	267	0.00	0.00	0.00	0.00	
BASS TRUST, NEWTON T.	514	280	279	(279)	0	280	2	278	0	2	0.00	0.00	0.00	0.00	
BASTIANON REVOCABLE TRUST	77	42	42	(42)	0	42	1	41	0	1	0.00	0.00	0.00	0.00	
BEINSCHROTH FAMILY TRUST	275	150	151	(151)	0	150	9	141	0	9	0.00	0.00	0.00	0.00	
BEINSCHROTH, ANDY ERIC	250	137	137	(137)	0	137	1	136	0	1	0.00	0.00	0.00	0.00	
BOX, GEARY S. AND LAURA	22	12	6	(6)	0	12	2	10	0	2	0.00	0.00	0.00	0.00	
BROWN FAMILY TRUST DATED AUGUST 11, 1999	42	23	23	(23)	0	23	1	22	0	1	0.00	0.00	0.00	0.00	
BROWN, JENNIFER	41	23	20	(20)	0	23	2	21	0	2	0.00	0.00	0.00	0.00	
BRUNEAU, KAREN	10	6	4	(4)	0	6	2	4	0	2	0.00	0.00	0.00	0.00	
BRYANT, IAN	29	16	16	(16)	0	16	0	16	0	0	0.00	0.00	0.00	0.00	
BUNNELL, DICK	24	14	12	(12)	0	14	2	12	0	2	0.00	0.00	0.00	0.00	
CALMAT COMPANY	25	14	10	(10)	0	14	4	10	0	4	0.00	0.00	0.00	0.00	
CALPORTLAND COMPANY - AGRICULTURE	643	350	354	(354)	0	350	0	350	0	0	0.00	0.00	0.00	0.00	
CALPORTLAND COMPANY - ORO GRANDE PLANT	2,809	1,529	445	(445)	0	1,529	928	601	0	928	0.00	0.00	0.00	0.00	
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	1,147	0	0	0	1,147	1,980	0	833	1,147	0.00	470,645.00	0.00	470,645.00	
CDFW - MOJAVE RIVER FISH HATCHERY (SEE NOTE 11)	20	11	0	0	0	11	20	0	0	0	0.00	0.00	0.00	0.00	
CEMEX, INC.	1,499	816	0	0	0	816	1,043	0	227	816	0.00	128,255.00	0.00	128,255.00	
DLW REVOCABLE TRUST	70	39	39	(39)	0	39	0	39	0	0	0.00	0.00	0.00	0.00	
DOLCH LIVING TRUST ROBERT AND JUDITH	90	49	50	(50)	0	49	0	49	0	0	0.00	0.00	0.00	0.00	
DORA LAND, INC.	15	9	9	(9)	0	9	0	9	0	0	0.00	0.00	0.00	0.00	
EAST DESERT LAND COMPANY, LLC	0						1,100								
EVENSON, EDWIN H. AND JOYCELAINE C.	70	39	39	0	0	78	1	39	0	1	0.00	0.00	0.00	0.00	
FEDERAL BUREAU OF PRISONS, VICTORVILLE	686	374	0	0	(374)	0	0	0	0	0	0.00	0.00	0.00	0.00	
FINCH, JENIFER	30	17	17	(17)	0	17	0	17	0	0	0.00	0.00	0.00	0.00	
FISCHER REVOCABLE LIVING TRUST	36	20	19	(19)	0	20	1	19	0	1	0.00	0.00	0.00	0.00	
FISHER TRUST, JEROME R.	633	345	349	(349)	0	345	0	345	0	0	0.00	0.00	0.00	0.00	
FITZWATER, R. E. (SEE NOTE 12)	291						1								
FRAZIER, ET AL.	0	0	28	(28)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	940	512	0	0	0	512	907	0	395	512	0.00	223,175.00	0.00	223,175.00	

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PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$645.00/AF	MAKEUP WATER \$645.00/AF	TOTAL	
				2021-22	2022-23										
				CARRYOVER ³	FPA ⁴										
GREEN ACRES ESTATES	25	14	14	0	0	28	4	14	0	4	0.00	0.00	0.00	0.00	
GULBRANSON, MERLIN	5	3	3	0	0	6	0	3	0	0	0.00	0.00	0.00	0.00	
HAAS, BRYAN C. AND HINKLE, MARY H.	9	5	5	(5)	0	5	0	5	0	0	0.00	0.00	0.00	0.00	
HALANNA EQUITIES III	19	11	7	(7)	0	11	4	7	0	4	0.00	0.00	0.00	0.00	
HAMILTON FAMILY TRUST	108	59	52	(52)	0	59	19	40	0	19	0.00	0.00	0.00	0.00	
HELENDALE COMMUNITY SERVICES DISTRICT	4,157	2,262	744	(744)	0	2,262	1,460	802	0	1,460	0.00	0.00	0.00	0.00	
HELENDALE SCHOOL DISTRICT	18	10	10	0	0	20	2	10	0	2	0.00	0.00	0.00	0.00	
HESPERIA - GOLF COURSE, CITY OF	678	369	0	0	0	369	288	81	0	288	0.00	0.00	0.00	0.00	
HESPERIA VENTURE I, LLC	0	0	0	0	0	0	1	0	1	0	0.00	565.00	0.00	565.00	
HESPERIA WATER DISTRICT	14,531	7,905	0	978	0	8,883	12,906	0	4,023	8,883	0.00	2,272,995.00	0.00	2,272,995.00	
HESPERIA, CITY OF	6,736	3,665	3,705	(3,705)	0	3,665	0	3,665	0	0	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	149	82	55	(55)	0	82	26	56	0	26	0.00	0.00	0.00	0.00	
HOLWAY JEFFREY R AND PATRICIA GAGE	8	5	5	(5)	0	5	0	5	0	0	0.00	0.00	0.00	0.00	
HOLWAY, JEFFREY R	11	6	7	(7)	0	6	0	6	0	0	0.00	0.00	0.00	0.00	
HOLY HEAVENLY LAKE, LLC	6	4	4	(4)	0	4	0	4	0	0	0.00	0.00	0.00	0.00	
HUNT, CONNIE	66	36	37	(37)	0	36	0	36	0	0	0.00	0.00	0.00	0.00	
JAMBOREE HOUSING CORPORATION	0	0	0	0	0	0	36	0	36	0	0.00	20,340.00	0.00	20,340.00	
JESS RANCH WATER COMPANY	7,230	3,934	3,048	(3,048)	0	3,934	758	3,176	0	758	0.00	0.00	0.00	0.00	
JOHNSON, CARLEAN	23	13	0	0	0	13	12	1	0	12	0.00	0.00	0.00	0.00	
JOHNSON, PAUL - INDUSTRIAL	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
JOHNSON, RONALD	31	17	18	(18)	0	17	0	17	0	0	0.00	0.00	0.00	0.00	
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	70	63	(63)	0	70	5	65	0	5	0.00	0.00	0.00	0.00	
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	258	235	(235)	0	258	52	206	0	52	0.00	0.00	0.00	0.00	
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	358	362	(362)	0	358	0	358	0	0	0.00	0.00	0.00	0.00	
LANGLEY, JAMES	5	3	3	(3)	0	3	0	3	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	9	8	(8)	0	9	1	8	0	1	0.00	0.00	0.00	0.00	
LENHERT, RONALD AND TONI	37	21	21	0	0	42	8	21	0	8	0.00	0.00	0.00	0.00	
LHC ALLIGATOR, LLC	498	271	0	0	0	271	0	271	0	0	0.00	0.00	0.00	0.00	
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. (SEE NOTE 13)	13,610	7,404	0	0	0	7,404	8,552	0	1,148	7,404	0.00	648,620.00	0.00	648,620.00	
LOW, DEAN	199	109	110	(110)	0	109	0	109	0	0	0.00	0.00	0.00	0.00	
LUCKEY 2010 REVOCABLE TRUST	0	0	164	(164)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
MARIANA RANCHOS COUNTY WATER DISTRICT	280	153	0	0	0	153	186	0	33	153	0.00	18,645.00	0.00	18,645.00	
MCKINNEY, PAULA	33	18	19	(19)	0	18	0	18	0	0	0.00	0.00	0.00	0.00	
MLH, LLC	13	8	4	0	0	12	6	6	0	6	0.00	0.00	0.00	0.00	
MOJAVE DESERT LAND TRUST	40	22	22	0	0	44	1	22	0	1	0.00	0.00	0.00	0.00	

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PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$645.00/AF	MAKEUP WATER \$645.00/AF	TOTAL	
				2021-22	2022-23										
				CARRYOVER ³	FPA ⁴										
MOJAVE WATER AGENCY (SEE NOTE 14)	0	0	0	0	0	0	32	0	32	0	0.00	18,080.00	0.00	18,080.00	
NAVAJO MUTUAL WATER COMPANY	88	48	49	(45)	0	52	23	29	0	23	0.00	0.00	0.00	0.00	
NUÑEZ, LUIS SEGUNDO	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
NUNN FAMILY TRUST	36	20	19	(19)	0	20	1	19	0	1	0.00	0.00	0.00	0.00	
ORO GRANDE SCHOOL DISTRICT	107	59	0	0	0	59	75	0	16	59	0.00	9,040.00	0.00	9,040.00	
PAUSTELL, JOAN BEINSCHROTH	142	78	84	(84)	0	78	0	78	0	0	0.00	0.00	0.00	0.00	
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	194	196	0	0	390	110	194	0	110	0.00	0.00	0.00	0.00	
POLICH, DONNA	65	36	36	(36)	0	36	0	36	0	0	0.00	0.00	0.00	0.00	
RANCHERITOS MUTUAL WATER COMPANY	169	92	5	0	0	97	85	12	0	85	0.00	0.00	0.00	0.00	
RIM PROPERTIES, A GENERAL PARTNERSHIP	9	5	5	(5)	0	5	0	5	0	0	0.00	0.00	0.00	0.00	
ROBERTSON'S READY MIX (FORMERLY: SERVICE ROCK PRODUCTS CORPORATION)	20	11	0	11	0	22	5	11	0	5	0.00	0.00	0.00	0.00	
RUE RANCH, INC.	30	17	16	(16)	0	17	1	16	0	1	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENT	0	0	0	0	0	0	170	0	170	0	0.00	96,050.00	0.00	96,050.00	
SAN BERNARDINO COUNTY SERVICE AREA 42	465	253	192	(192)	0	253	49	204	0	49	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	2,080	0	0	0	2,080	2,511	0	431	2,080	0.00	243,515.00	0.00	243,515.00	
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	553	0	0	0	553	1,562	0	1,009	553	0.00	570,085.00	0.00	570,085.00	
SCRAY, MICHELLE A. TRUST	15	9	8	(8)	0	9	1	8	0	1	0.00	0.00	0.00	0.00	
SERVICE ROCK PRODUCTS CORPORATION	0	0	11	(11)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SHEEP CREEK WATER COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SILVER LAKES ASSOCIATION	4,987	2,713	0	0	0	2,713	2,900	0	187	2,713	0.00	105,655.00	0.00	105,655.00	
SNOWBALL DEVELOPMENT, INC.	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SPRING VALLEY LAKE ASSOCIATION	3,768	2,050	0	0	0	2,050	2,072	0	22	2,050	0.00	12,430.00	0.00	12,430.00	
SPRING VALLEY LAKE COUNTRY CLUB	977	532	0	0	0	532	481	51	0	481	0.00	0.00	0.00	0.00	
STORM, RANDALL	62	34	35	(35)	0	34	0	34	0	0	0.00	0.00	0.00	0.00	
SUDMEIER, GLENN W.	20	11	10	(10)	0	11	1	10	0	1	0.00	0.00	0.00	0.00	
SUMMIT VALLEY RANCH, LLC	57	32	13	(13)	0	32	19	13	0	19	0.00	0.00	0.00	0.00	
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	228	228	(228)	0	228	2	226	0	2	0.00	0.00	0.00	0.00	
THOMPSON LIVING TRUST, R.L. AND R.A.	2	2	2	0	0	4	1	2	0	1	0.00	0.00	0.00	0.00	
THRASHER, GARY	373	203	205	(205)	0	203	1	202	0	1	0.00	0.00	0.00	0.00	
THUNDERBIRD COUNTY WATER DISTRICT	126	69	0	0	0	69	98	0	29	69	0.00	16,385.00	0.00	16,385.00	
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	26	15	15	0	0	30	0	15	0	0	0.00	0.00	0.00	0.00	
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	131	0	0	0	131	357	0	226	131	0.00	127,690.00	0.00	127,690.00	
VICTOR VALLEY MEMORIAL PARK	0	0	0	0	0	0	51	0	51	0	0.00	28,815.00	0.00	28,815.00	
VICTORVILLE WATER DISTRICT, ID#1 (SEE NOTE 13)	23,380	12,719	0	0	374	13,093	18,499	0	5,406	13,093	0.00	3,054,390.00	0.00	3,054,390.00	
VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 13)	2,932	1,596	0	0	0	1,596	4,109	0	2,513	1,596	0.00	1,419,845.00	0.00	1,419,845.00	

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				2021-22 CARRYOVER ³	2022-23 FPA ⁴										
VOGLER, ALBERT H.	62	34	35	(35)	0	34	0	34	0	0	0.00	0.00	0.00	0.00	
WAGNER LIVING TRUST	1,224	666	674	(674)	0	666	0	666	0	0	0.00	0.00	0.00	0.00	
WAKULA FAMILY TRUST	11	6	6	(6)	0	6	1	5	0	1	0.00	0.00	0.00	0.00	
WARD, BARBARA	65	36	25	(25)	0	36	12	24	0	12	0.00	0.00	0.00	0.00	
WEST, HOWARD AND SUZY	72	40	40	(40)	0	40	0	40	0	0	0.00	0.00	0.00	0.00	
WEST, JIMMIE E.	10	6	5	(5)	0	6	1	5	0	1	0.00	0.00	0.00	0.00	
WESTERN WATER COMPANY	15	9	9	0	0	18	0	9	0	0	0.00	0.00	0.00	0.00	
WESTLAND INDUSTRIES, INC.	54	30	30	0	0	60	21	30	0	21	0.00	0.00	0.00	0.00	
WIENER, MELVIN AND MARIAM S.	30	17	17	0	0	34	0	17	0	0	0.00	0.00	0.00	0.00	
TOTAL	114,308	62,045	13,558	(11,932)	0	63,671	68,751	14,314	18,489	50,242	0.00	10,446,285.00	0.00	10,446,285.00	

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CENTRO SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)			
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2021-22 CARRYOVER ³	2022-23 FPA ⁴							WATER	WATER		
												\$645.00/AF	N/A		
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	29	18	19	(16)	0	21	0	18	0	0	0.00	0.00	0.00	0.00	
BAR-LEN MUTUAL WATER COMPANY	48	29	32	0	0	61	18	29	0	18	0.00	0.00	0.00	0.00	
BARSTOW COMMUNITY DEVELOPERS, LLC	0	0	0	0	0	0	1	0	1	0	0.00	565.00	0.00	565.00	
BEST, BYRON L.	21	13	14	0	0	27	0	13	0	0	0.00	0.00	0.00	0.00	
BNSF RAILWAY COMPANY (FORMERLY: ATCHISON TOPEKA AND SANTA FE RAIL WAY COMPANY)	1,585	951	0	953	(53)	1,851	1	898	0	1	0.00	0.00	0.00	0.00	
BROMMER HOUSE TRUST	361	217	170	(170)	(38)	179	0	179	0	0	0.00	0.00	0.00	0.00	
CALMAT COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
CHAFAR, LARRY R. AND DELINDA C.	0	0	30	(30)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
CHOI, YONG IL AND JOUNG AE	38	23	25	0	0	48	0	23	0	0	0.00	0.00	0.00	0.00	
CHONG, JOAN	10	6	7	0	0	13	25	0	12	13	0.00	6,780.00	0.00	6,780.00	
CHRISTISON, JOEL	75	45	49	0	0	94	0	45	0	0	0.00	0.00	0.00	0.00	
CONTRATTO, ERSULA	151	91	98	(98)	0	91	0	91	0	0	0.00	0.00	0.00	0.00	
DARR, JAMES S.	408	245	266	0	0	511	13	245	0	13	0.00	0.00	0.00	0.00	
DE VRIES REVOCABLE TRUST 12-10-2015 (SEE NOTE 12)	260						125								
DE VRIES, NEIL AND MARY FAMILY TRUST	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
DORRANCE, DAVID W. AND TAMELA L.	19	12	0	0	(11)	1	0	1	0	0	0.00	0.00	0.00	0.00	
EYGNOR, ROBERT E.	0	0	33	(33)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MA	30	18	20	0	0	38	0	18	0	0	0.00	0.00	0.00	0.00	
FOURFREE USA, INC.	42	26	28	0	0	54	0	26	0	0	0.00	0.00	0.00	0.00	
FRATES, D. COLE	13	8	0	0	0	8	0	8	0	0	0.00	0.00	0.00	0.00	
FRIEND, JOSEPH AND DEBORAH	60	36	39	0	0	75	11	36	0	11	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	132	80	82	(82)	(80)	0	0	0	0	0	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	14,407	8,645	9,365	(2,602)	0	15,408	5,416	8,645	0	5,416	0.00	0.00	0.00	0.00	
GRILL, NICHOLAS P. AND MILLIE D. (SEE NOTE 15)	0	0	0	0	0	0	88	0	88	0	0.00	49,720.00	0.00	49,720.00	
GUTIERREZ, JOSE AND GLORIA	130	78	85	0	0	163	70	78	0	70	0.00	0.00	0.00	0.00	
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	92	0	0	(84)	8	0	8	0	0	0.00	0.00	0.00	0.00	
HARMSER FAMILY TRUST	722	434	470	(113)	0	791	302	434	0	302	0.00	0.00	0.00	0.00	
HASKINS, JAMES J.	30	18	20	(20)	(14)	4	18	0	14	4	0.00	7,910.00	0.00	7,910.00	
HELENDALE COMMUNITY SERVICES DISTRICT	327	197	41	17	(93)	162	0	104	0	0	0.00	0.00	0.00	0.00	
HENSLEY, MARK P.	27	17	18	0	0	35	17	17	0	17	0.00	0.00	0.00	0.00	
HI DESERT MUTUAL WATER COMPANY	34	21	23	0	0	44	16	21	0	16	0.00	0.00	0.00	0.00	
HIGH DESERT ASSOCIATES, INC.	513	308	334	0	0	642	0	308	0	0	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
HILL FAMILY TRUST AND HILL'S RANCH, INC.	2,335	1,401	1,518	(771)	0	2,148	47	1,401	0	47	0.00	0.00	0.00	0.00	
HOWARD, ET AL.	0	0	28	(28)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
HUERTA, HECTOR	656	394	427	800	0	1,621	741	394	0	741	0.00	0.00	0.00	0.00	

APPENDIX B

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PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2022-23
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

CENTRO SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2021-22	2022-23							WATER	WATER		
				CARRYOVER ³	FPA ⁴							\$645.00/AF	N/A		
JONES, JOETTE	22	14	15	0	0	29	0	14	0	0	0.00	0.00	0.00	0.00	
JORDAN FAMILY TRUST	460	276	295	(295)	0	276	4	272	0	4	0.00	0.00	0.00	0.00	
KASNER FAMILY LIMITED PARTNERSHIP	421	253	0	0	0	253	0	253	0	0	0.00	0.00	0.00	0.00	
KIM, JIN S. AND HYUN H.	190	114	124	(124)	0	114	0	114	0	0	0.00	0.00	0.00	0.00	
LEE, ET AL., SEPOONG AND WOO POONG	77	47	51	0	0	98	0	47	0	0	0.00	0.00	0.00	0.00	
LEYERLY, GENEVA (SEE NOTE 12)	65						3								
LOCKHART LAND HOLDING, LLC	1,433	860	932	0	0	1,792	484	860	0	484	0.00	0.00	0.00	0.00	
MCCOLLUM, CHARLES L.	115	69	75	0	0	144	0	69	0	0	0.00	0.00	0.00	0.00	
MEAD FAMILY TRUST	115	69	75	0	0	144	1	69	0	1	0.00	0.00	0.00	0.00	
MOJAVE SOLAR, LLC	5,239	3,144	3,406	0	0	6,550	1,512	3,144	0	1,512	0.00	0.00	0.00	0.00	
MOST FAMILY TRUST	56	34	37	0	0	71	0	34	0	0	0.00	0.00	0.00	0.00	
ODESSA WATER DISTRICT	299	180	195	0	0	375	0	180	0	0	0.00	0.00	0.00	0.00	
OHAI, REYNOLDS AND DOROTHY	137	83	90	0	0	173	1	83	0	1	0.00	0.00	0.00	0.00	
OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K.	722	434	470	0	0	904	129	434	0	129	0.00	0.00	0.00	0.00	
PACIFIC GAS AND ELECTRIC COMPANY	6,580	3,948	4,277	(200)	0	8,025	2,236	3,948	0	2,236	0.00	0.00	0.00	0.00	
REIDO FARMS, LLC (FORMERLY: EYGNOR, ROBERT E.)	50	30	0	33	0	63	0	30	0	0	0.00	0.00	0.00	0.00	
RIOS, MARIANO V.	8	5	6	0	0	11	1	5	0	1	0.00	0.00	0.00	0.00	
RIVERO, FIDEL V.	20	12	13	0	0	25	1	12	0	1	0.00	0.00	0.00	0.00	
ROBERTSON'S READY MIX (FORMERLY: SERVICE ROCK PRODUCTS CORPORATION)	766	460	0	498	0	958	24	460	0	24	0.00	0.00	0.00	0.00	
RUISCH TRUST, DALE W. AND NELLIE H.	650	390	43	200	0	633	578	55	0	578	0.00	0.00	0.00	0.00	
RUISCH, ET AL. (SEE NOTE 12)	862						589								
SERVICE ROCK PRODUCTS CORPORATION	0	0	498	(498)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	140	151	(151)	(139)	1	0	1	0	0	0.00	0.00	0.00	0.00	
SYNAGRO-WWT, INC. (DBA NURSURY PRODUCTS, LLC)	0	0	0	0	0	0	15	0	15	0	0.00	8,475.00	0.00	8,475.00	
TALLAKSON FAMILY REVOCABLE TRUST	17	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00	
VAN LEEUWEN TRUST, JOHN A. AND IETIE	0	0	953	(953)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
VERNOLA TRUST, PAT AND MARY ANN	3,116	1,870	2,026	1,600	0	5,496	2,352	1,870	0	2,352	0.00	0.00	0.00	0.00	
VICTORVILLE WATER DISTRICT, ID#1	5,164	3,099	2,839	(1,837)	0	4,101	0	3,099	0	0	0.00	0.00	0.00	0.00	
WERNER, ANDREW J.	18	11	0	0	(10)	1	0	1	0	0	0.00	0.00	0.00	0.00	
WESTERN DEVELOPMENT AND STORAGE, LLC	6	4	0	0	0	4	0	4	0	0	0.00	0.00	0.00	0.00	
WITHEY, CONNIE	22	14	15	0	0	29	1	14	0	1	0.00	0.00	0.00	0.00	
TOTAL	49,477	28,875	29,839	(3,920)	(522)	54,272	14,840	28,123	130	14,710	0.00	73,450.00	0.00	73,450.00	

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BAJA SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION							ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$645.00/AF	MAKEUP WATER N/A	TOTAL		
				2021-22	2022-23											
				CARRYOVER ³	FPA ⁴											
PRODUCER	PRODUCTION	ALLOWANCE ¹	PREVIOUS YEAR ²	CARRYOVER ³	FPA ⁴	TOTAL ⁵	PRODUCTION ⁶	FPA ⁷	OBLIGATION ⁸	OBLIGATION ⁹	OBLIGATION	\$645.00/AF	N/A	TOTAL		
35250 YERMO, LLC	24	5	0	0	0	5	11	0	6	5	0.00	3,390.00	0.00	3,390.00		
AHN, CHUN SOO AND WHA JA	50	11	12	0	0	23	1	11	0	1	0.00	0.00	0.00	0.00		
AKE, CHARLES J. AND MARJORIE M.	23	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00		
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00		
BARBER, JAMES B.	167	35	38	0	0	73	29	35	0	29	0.00	0.00	0.00	0.00		
BARON, SUSAN AND PALMER, CURTIS	26	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00		
BNSF RAILWAY COMPANY (FORMERLY: ATCHISON TOPEKA AND SANTA FE RAIL WAY COMPANY)	80	48	0	0	0	48	33	15	0	33	0.00	0.00	0.00	0.00		
BORJA, LEONIL T. AND TITAL L.	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00		
BREDELIS, RONALD C. AND JEAN	64	14	5	(5)	0	14	11	3	0	11	0.00	0.00	0.00	0.00		
BUBIER, DIANE GAIL	54	12	0	0	0	12	25	0	13	12	0.00	7,345.00	0.00	7,345.00		
BUDGET FINANCE COMPANY	32	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00		
BUSH, KEVIN	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00		
CALICO LAKES HOMEOWNERS ASSOCIATION	1,296	266	275	121	0	662	234	260	0	234	0.00	0.00	0.00	0.00		
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	15	16	0	0	31	10	15	0	10	0.00	0.00	0.00	0.00		
CALMAT COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00		
CAMANGA, TONY AND MARIETTA	47	10	11	0	0	21	1	10	0	1	0.00	0.00	0.00	0.00		
CAMPBELL, M. A. AND DIANNE	22	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00		
CARLTON, SUSAN	155	32	35	0	0	67	1	32	0	1	0.00	0.00	0.00	0.00		
CDFW - CAMP CADY	921	189	127	0	0	316	182	134	0	182	0.00	0.00	0.00	0.00		
CHEYENNE LAKE, INC.	665	137	88	30	15	270	176	94	0	176	0.00	0.00	0.00	0.00		
CLARK, ARTHUR	50	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00		
CONNER, WILLIAM H.	25	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00		
CORBRIDGE, LINDA S.	32	7	8	0	0	15	4	7	0	4	0.00	0.00	0.00	0.00		
CROSS, FRANCIS AND BEVERLY	40	9	9	0	0	18	0	9	0	0	0.00	0.00	0.00	0.00		
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	844	174	0	20	15	209	420	0	224	209	0.00	126,560.00	0.00	126,560.00		
DAGGETT COMMUNITY SERVICES DISTRICT	504	104	0	45	0	149	220	0	71	149	0.00	40,115.00	0.00	40,115.00		
DAGGETT LAND HOLDINGS LLC	0	0	134	41	37	212	149	37	0	149	0.00	0.00	0.00	0.00		
DAGGETT RANCH, LLC	76	16	0	0	0	16	12	4	0	12	0.00	0.00	0.00	0.00		
DAGGETT SOLAR POWER 3 LLC	179	37	41	(41)	(37)	0	0	0	0	0	0.00	0.00	0.00	0.00		
DE JONG FAMILY TRUST	3,131	642	383	142	0	1,167	711	456	0	711	0.00	0.00	0.00	0.00		
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00		
DONALDSON, JERRY AND BEVERLY	90	19	21	0	0	40	1	19	0	1	0.00	0.00	0.00	0.00		
DOWELL, LEONARD	23	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00		
EVERT FAMILY TRUST	173	36	39	(9)	0	66	26	36	0	26	0.00	0.00	0.00	0.00		
FEJFAR, MONICA KAY	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00		
FERNANDEZ, ARTURO	76	16	18	0	0	34	0	16	0	0	0.00	0.00	0.00	0.00		
FERRO, DENNIS AND NORMA	32	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00		
FIRST CPA LLC	57	12	13	0	0	25	1	12	0	1	0.00	0.00	0.00	0.00		

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$645.00/AF	MAKEUP WATER N/A	TOTAL	
				2021-22	2022-23										
				CARRYOVER ³	FPA ⁴										
FOOTHILL ESTATES MHP, LLC	54	12	1	0	0	13	10	3	0	10	0.00	0.00	0.00	0.00	
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	88	93	0	0	181	84	77	0	84	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	1,637	336	0	563	0	899	977	0	78	899	0.00	44,070.00	0.00	44,070.00	
GARCIA, DANIEL	23	5	6	0	0	11	1	5	0	1	0.00	0.00	0.00	0.00	
GARG, OM P.	483	100	109	(109)	0	100	0	100	0	0	0.00	0.00	0.00	0.00	
GENON CALIFORNIA SOUTH, LP	0	0	290	0	250	540	196	250	0	196	0.00	0.00	0.00	0.00	
GRAY, GEORGE F. AND BETTY E.	94	20	22	(22)	0	20	0	20	0	0	0.00	0.00	0.00	0.00	
GREEN HAY PACKERS LLC (FORMERLY: CLARK, GARY AND BETH A.)	0	0	0	0	0	0	222	0	222	0	0.00	125,430.00	0.00	125,430.00	
HACKBARTH, EDWARD E.	1,553	319	4	649	0	972	744	228	0	744	0.00	0.00	0.00	0.00	
HANG, PHU QUANG (FORMERLY: LANGLEY REVOCABLE TRUST AND SHARON LANGLEY)	20	5	0	4	0	9	4	5	0	4	0.00	0.00	0.00	0.00	
HANSON AGGREGATES WRP, INC.	31	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00	
HARESON, NICHOLAS AND MARY	8	2	2	0	0	4	0	2	0	0	0.00	0.00	0.00	0.00	
HARTER, JOE AND SUE	5,134	1,053	1,071	(365)	0	1,759	678	1,053	0	678	0.00	0.00	0.00	0.00	
HASS, PAULINE L.	35	8	7	(7)	0	8	1	7	0	1	0.00	0.00	0.00	0.00	
HENDLEY, RICK AND BARBARA	48	10	8	0	0	18	11	7	0	11	0.00	0.00	0.00	0.00	
HIETT, HARRY L.	29	6	7	(2)	0	11	1	6	0	1	0.00	0.00	0.00	0.00	
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	63	68	(68)	0	63	1	62	0	1	0.00	0.00	0.00	0.00	
HO, TING-SENG AND AH-GIT	300	62	68	0	0	130	0	62	0	0	0.00	0.00	0.00	0.00	
HOLLISTER, ROBERT H. AND RUTH M.	44	10	10	0	0	20	0	10	0	0	0.00	0.00	0.00	0.00	
HONG, PAUL B. AND MAY	85	18	20	0	0	38	0	18	0	0	0.00	0.00	0.00	0.00	
HOOD FAMILY TRUST	41	9	10	0	0	19	11	8	0	11	0.00	0.00	0.00	0.00	
HORTON FAMILY TRUST	441	91	0	31	15	137	88	2	0	88	0.00	0.00	0.00	0.00	
HU, MINSHENG	43	9	10	0	0	19	9	9	0	9	0.00	0.00	0.00	0.00	
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	6	7	0	0	13	1	6	0	1	0.00	0.00	0.00	0.00	
HUNT, RALPH M. AND LILLIAN F.	51	11	12	0	0	23	3	11	0	3	0.00	0.00	0.00	0.00	
HYATT, JAMES AND BRENDA	210	44	40	(40)	0	44	10	34	0	10	0.00	0.00	0.00	0.00	
IM, NICHOLAS NAK-KYUN	397	82	90	0	0	172	73	82	0	73	0.00	0.00	0.00	0.00	
IRVIN, BERTRAND W.	29	6	7	3	0	16	11	5	0	11	0.00	0.00	0.00	0.00	
ITALMOOD INC., ET AL.	0	0	43	(43)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
JACKS, JAMES F.	10	3	3	0	0	6	1	3	0	1	0.00	0.00	0.00	0.00	
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	12	13	(13)	0	12	0	12	0	0	0.00	0.00	0.00	0.00	
JACKSON, RAY REVOCABLE TRUST NO. 45801	1	1	1	0	0	2	0	1	0	0	0.00	0.00	0.00	0.00	
KARIMI, HOOSHANG	70	15	16	0	0	31	1	15	0	1	0.00	0.00	0.00	0.00	
KASNER FAMILY LIMITED PARTNERSHIP	843	173	24	(24)	0	173	0	173	0	0	0.00	0.00	0.00	0.00	
KASNER, ROBERT (SEE NOTE 15)	5,613	1,151	1,263	(1,263)	0	1,151	0	1,151	0	0	0.00	0.00	0.00	0.00	
KATCHER, AUGUST M. AND MARCELINE	23	5	6	0	0	11	1	5	0	1	0.00	0.00	0.00	0.00	

APPENDIX B

FEBRUARY 27, 2024

**PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2022-23
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$645.00/AF	MAKEUP WATER N/A	TOTAL	
				2021-22	2022-23										
				CARRYOVER ³	FPA ⁴										
PRODUCER	PRODUCTION	ALLOWANCE ¹	PREVIOUS YEAR ²	CARRYOVER ³	FPA ⁴	TOTAL ⁵	VERIFIED PRODUCTION ⁶	FPA ⁷	WATER OBLIGATION ⁸	MAKEUP OBLIGATION ⁹	WATER OBLIGATION	\$645.00/AF	N/A	TOTAL	
KEMP, ROBERT AND ROSE	32	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	157	172	0	0	329	135	157	0	135	0.00	0.00	0.00	0.00	
KIM, SEON JA	50	11	12	0	0	23	1	11	0	1	0.00	0.00	0.00	0.00	
KOERING, RICHARD AND KOERING, DONNA	20	5	5	0	0	10	1	5	0	1	0.00	0.00	0.00	0.00	
KOSHAREK, NANCY	0	0	13	(13)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
LAKE JODIE PROPERTY OWNERS ASSOCIATION	454	94	0	20	15	129	255	0	137	129	0.00	77,405.00	0.00	77,405.00	
LAKE WAIKIKI	98	21	23	0	0	44	0	21	0	0	0.00	0.00	0.00	0.00	
LAKE WAINANI OWNERS ASSOCIATION	1,925	395	417	(377)	239	674	189	400	0	189	0.00	0.00	0.00	0.00	
LAM, PHILLIP	105	22	24	0	0	46	1	22	0	1	0.00	0.00	0.00	0.00	
LANGLEY REVOCABLE TRUST AND SHARON LANAGLEY	0	0	4	(4)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
LAVANH, ET AL.	24	5	6	0	0	11	1	5	0	1	0.00	0.00	0.00	0.00	
LAWRENCE, WILLIAM W.	45	10	11	0	0	21	1	10	0	1	0.00	0.00	0.00	0.00	
LEE, VIN JANG T.	630	130	142	0	0	272	0	130	0	0	0.00	0.00	0.00	0.00	
LEM, HOY	32	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
LIANG, YUAN - I AND TZU - MEI CHEN	200	41	45	(45)	0	41	0	41	0	0	0.00	0.00	0.00	0.00	
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	453	93	102	0	0	195	84	93	0	84	0.00	0.00	0.00	0.00	
LIN, KUAN JUNG AND CHUNG, DER-BING	451	93	0	0	(93)	0	0	0	0	0	0.00	0.00	0.00	0.00	
LO, ET AL.	59	13	0	0	0	13	37	0	24	13	0.00	13,560.00	0.00	13,560.00	
M BIRD CONSTRUCTION	41	9	10	0	0	19	0	9	0	0	0.00	0.00	0.00	0.00	
MAHJOUBI, AFSAR S.	63	13	15	0	0	28	0	13	0	0	0.00	0.00	0.00	0.00	
MANNING, SHARON S.	63	13	11	0	0	24	7	13	0	7	0.00	0.00	0.00	0.00	
MARCROFT, JAMES A. AND JOAN	38	8	5	0	0	13	4	8	0	4	0.00	0.00	0.00	0.00	
MARSHALL, CHARLES	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
MARTIN, MICHAEL D. AND ARLENE D.	63	13	15	10	0	38	36	2	0	36	0.00	0.00	0.00	0.00	
MILBRAT, IRVING H.	73	15	4	0	0	19	16	3	0	16	0.00	0.00	0.00	0.00	
MILLER LIVING TRUST	18	4	5	0	0	9	0	4	0	0	0.00	0.00	0.00	0.00	
MIZRAHIE, ET AL.	145	30	33	(33)	0	30	0	30	0	0	0.00	0.00	0.00	0.00	
MOJAVE WATER AGENCY	7,194	1,475	1,019	0	(250)	2,244	0	1,225	0	0	0.00	0.00	0.00	0.00	
MORRIS TRUST, JULIA V.	304	63	68	(68)	0	63	1	62	0	1	0.00	0.00	0.00	0.00	
MULLIGAN, ROBERT AND INEZ	35	8	8	0	0	16	0	8	0	0	0.00	0.00	0.00	0.00	
MURPHY, JEAN	24	5	6	0	0	11	4	5	0	4	0.00	0.00	0.00	0.00	
MUSIC, ZAJO	15	4	0	0	0	4	4	0	0	4	0.00	0.00	0.00	0.00	
NEW SPRINGS LIMITED PARTNERSHIP	2,329	478	525	(525)	0	478	0	478	0	0	0.00	0.00	0.00	0.00	
NEWBERRY COMMUNITY SERVICES DISTRICT	23	5	4	0	0	9	1	5	0	1	0.00	0.00	0.00	0.00	
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	1	1	4	(4)	3	4	0	4	0	0	0.00	0.00	0.00	0.00	
NSSLC, INC.	109	23	25	80	0	128	65	23	0	65	0.00	0.00	0.00	0.00	
O. F. D. L., INC.	443	91	84	165	0	340	130	91	0	130	0.00	0.00	0.00	0.00	
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	137	151	0	0	288	0	137	0	0	0.00	0.00	0.00	0.00	
PATINO, JOSÉ	22	5	5	0	0	10	5	5	0	5	0.00	0.00	0.00	0.00	

APPENDIX B

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**PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2022-23
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION							ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$645.00/AF	MAKEUP WATER N/A	TOTAL		
				2021-22	2022-23											
				CARRYOVER ³	FPA ⁴											
PEARCE, CRAIG L.	150	31	34	0	(29)	36	3	2	0	3	0.00	0.00	0.00	0.00		
PERKO, BERT K.	132	28	30	0	0	58	3	28	0	3	0.00	0.00	0.00	0.00		
POLAND, JOHN R. AND KATHLEEN A.	92	19	21	0	0	40	1	19	0	1	0.00	0.00	0.00	0.00		
PORTER, TIMOTHY M.	30	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00		
PRECISION INVESTMENTS SERVICES, LLC	845	174	191	0	0	365	199	166	0	199	0.00	0.00	0.00	0.00		
PRICE, DONALD AND RUTH	42	9	10	0	0	19	1	9	0	1	0.00	0.00	0.00	0.00		
PRUETT, ANDREA	36	8	9	0	0	17	0	8	0	0	0.00	0.00	0.00	0.00		
QUAKENBUSH, SAMUEL R.	19	4	5	0	0	9	1	4	0	1	0.00	0.00	0.00	0.00		
QUIROS, FRANCISCO J. AND HERRMANN, RONALD	38	8	9	29	0	46	36	8	0	36	0.00	0.00	0.00	0.00		
RICE, HENRY C. AND DIANA	24	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00		
RIZVI, S.R ALI	27	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00		
ROBERTSON'S READY MIX (FORMERLY: SERVICE ROCK PRODUCTS CORPORATION)	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00		
ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI S AND B BROTHERS, LLC	614	126	114	100	0	340	164	126	0	164	0.00	0.00	0.00	0.00		
SAGABEAN-BARKER, KANOELOKELANI L.	221	46	0	0	0	46	0	46	0	0	0.00	0.00	0.00	0.00		
SAMRA, JAGTAR S.	34	7	0	0	0	7	12	0	5	7	0.00	2,825.00	0.00	2,825.00		
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	30	7	7	0	0	14	2	7	0	2	0.00	0.00	0.00	0.00		
SERVICE ROCK PRODUCTS CORPORATION	168	35	38	0	0	73	13	35	0	13	0.00	0.00	0.00	0.00		
SHENG, JEN	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00		
SHEPPARD, THOMAS AND GLORIA	33	7	8	0	0	15	1	7	0	1	0.00	0.00	0.00	0.00		
SHORT, JEROME E.	217	45	49	0	0	94	1	45	0	1	0.00	0.00	0.00	0.00		
SINGH, ET AL.	30	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00		
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	31	7	1	0	0	8	0	7	0	0	0.00	0.00	0.00	0.00		
SMITH, PORTER AND ANITA	0	0	0	0	0	0	2	0	2	0	0.00	1,130.00	0.00	1,130.00		
SOUTHERN CALIFORNIA EDISON COMPANY	25	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00		
SOUTHERN CALIFORNIA GAS COMPANY	600	123	135	(133)	0	125	0	123	0	0	0.00	0.00	0.00	0.00		
SPERRY, WESLEY	98	21	13	0	0	34	23	11	0	23	0.00	0.00	0.00	0.00		
ST. ANTONY COPTIC ORTHODOX MONASTERY	4	1	1	0	0	2	0	1	0	0	0.00	0.00	0.00	0.00		
STARKE, GEORGE A. AND JAYNE E.	130	27	0	267	0	294	295	0	1	294	0.00	565.00	0.00	565.00		
SUNDOWN LAKES, INC.	23	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00		
SUNRAY LAND COMPANY, LLC	523	108	78	30	15	231	157	0	41	157	0.00	23,165.00	0.00	23,165.00		
SZYNKOWSKI, RUTH J.	63	13	15	0	0	28	0	13	0	0	0.00	0.00	0.00	0.00		
TAPIE, RAYMOND L.	29	6	7	0	0	13	1	6	0	1	0.00	0.00	0.00	0.00		
TEISAN, JERRY	18	4	5	0	0	9	0	4	0	0	0.00	0.00	0.00	0.00		
THAYER, SHARON	96	20	22	0	0	42	0	20	0	0	0.00	0.00	0.00	0.00		
THOMAS, STEPHEN AND LORI	97	20	16	0	0	36	21	11	0	21	0.00	0.00	0.00	0.00		
TRIPLE H PARTNERSHIP	49	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00		
TURNER, TERRY	218	45	11	0	0	56	66	0	10	56	0.00	5,650.00	0.00	5,650.00		
	30	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00		

APPENDIX B

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PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2022-23
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

BAJA SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$645.00/AF	MAKEUP WATER N/A	TOTAL	
				2021-22	2022-23										
				CARRYOVER ³	FPA ⁴										
UNION PACIFIC RAILROAD COMPANY	249	52	28	0	0	80	51	29	0	51	0.00	0.00	0.00	0.00	
UPPAL, GAGAN (FORMERLY: ITALMOOD INC., ET AL.)	190	39	0	0	0	39	0	39	0	0	0.00	0.00	0.00	0.00	
VAAGE, GAGE V. (FORMERLY: KOSHAREK, NANCY)	54	12	0	13	0	25	11	12	0	11	0.00	0.00	0.00	0.00	
VACA, ANDY AND TERESITA S.	20	5	5	0	0	10	5	5	0	5	0.00	0.00	0.00	0.00	
VAN BASTELAAR, ALPHONSE	78	16	0	0	0	16	6	10	0	6	0.00	0.00	0.00	0.00	
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	8,128	1,667	841	(571)	0	1,937	960	977	0	960	0.00	0.00	0.00	0.00	
VAN LEEUWEN TRUST, JOHN A. AND IETIE	2,018	414	351	0	0	765	388	377	0	388	0.00	0.00	0.00	0.00	
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,613	331	363	(363)	0	331	0	331	0	0	0.00	0.00	0.00	0.00	
WANG, STEVEN	10	3	3	0	0	6	0	3	0	0	0.00	0.00	0.00	0.00	
WARD, RAYMOND (SEE NOTE 15)	105	22	8	0	0	30	43	0	13	30	0.00	7,345.00	0.00	7,345.00	
WEEMS, LIZZIE	53	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00	
WEERAISINGHE, MAITHRI N.	15	4	4	0	0	8	1	4	0	1	0.00	0.00	0.00	0.00	
WESTERN HORIZON ASSOCIATES, INC.	1,163	239	0	0	(239)	0	140	0	140	0	0.00	79,100.00	0.00	79,100.00	
WET SET, INC.	547	113	118	30	15	276	125	84	0	125	0.00	0.00	0.00	0.00	
WITTE, E. DANIEL AND MARCIA	27	6	7	0	0	13	1	6	0	1	0.00	0.00	0.00	0.00	
WLSR, INC.	471	97	102	30	0	229	83	82	0	83	0.00	0.00	0.00	0.00	
WORSEY, JOSEPH A. AND REVAE	29	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00	
YANG, ZILAN	26	6	0	0	0	6	0	6	0	0	0.00	0.00	0.00	0.00	
TOTAL	63,929	13,217	10,422	(1,724)	(29)	21,886	9,191	10,499	987	8,269	0.00	557,655.00	0.00	557,655.00	

APPENDIX B - SUMMARY
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2022-23

FEBRUARY 27, 2024

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

SUBAREA	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED ⁷ FPA	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER	MAKEUP WATER	TOTAL
				2021-22 CARRYOVER ³	2022-23 FPA ⁴									
ESTE	19,251	11,569	12,035	(395)	0	23,209	3,547	11,020	339	3,208	0.00	191,535.00	0.00	191,535.00
OESTE	6,857	3,773	4,117	0	0	7,890	2,607	3,773	0	2,607	0.00	0.00	0.00	0.00
ALTO	114,308	62,045	13,558	(11,932)	0	63,671	68,751	14,314	18,489	50,242	0.00	10,446,285.00	0.00	10,446,285.00
CENTRO	49,477	28,875	29,839	(3,920)	(522)	54,272	14,840	28,123	130	14,710	0.00	73,450.00	0.00	73,450.00
BAJA	63,929	13,217	10,422	(1,724)	(29)	21,886	9,191	10,499	987	8,269	0.00	557,655.00	0.00	557,655.00
GRAND TOTAL	253,822	119,479	69,971	(17,971)	(551)	170,928	98,936	67,729	19,945	79,036	0.00	11,268,925.00	0.00	11,268,925.00

NOTES FOR APPENDIX B

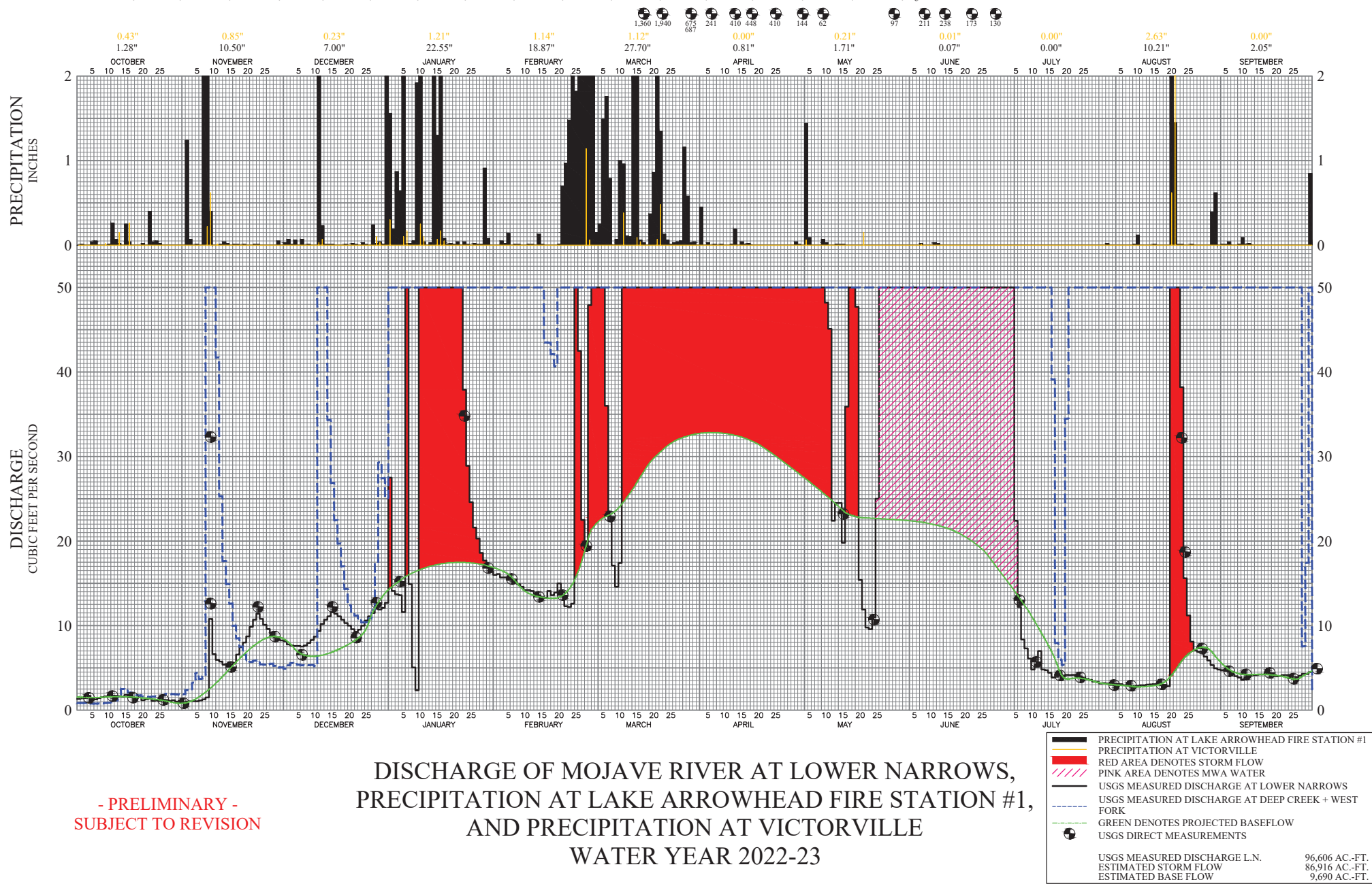
- 1 EQUAL TO 60% OF BASE ANNUAL PRODUCTION IN THE ESTE AND CENTRO SUBAREAS.
EQUAL TO 55% OF BASE ANNUAL PRODUCTION IN THE OESTE SUBAREA.
EQUAL TO 54.4% OF BASE ANNUAL PRODUCTION IN THE ALTO SUBAREA.
EQUAL TO 20.5% OF BASE ANNUAL PRODUCTION IN THE BAJA SUBAREA.
- 2 UNUSED FPA FROM 2021-22 NET OF ANY TRANSFERS DURING 2021-22.
- 3 TRANSFERS OF 2021-22 UNUSED FPA FOR USE DURING 2022-23. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 4 TRANSFERS OF 2022-23 BASE FREE PRODUCTION ALLOWANCE. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 5 TOTAL FREE PRODUCTION ALLOWANCE FOR 2022-23 IS EQUAL TO THE SUM OF BASE FREE PRODUCTION ALLOWANCE, CARRYOVER AND TRANSFERS.
- 6 2022-23 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 2022-23 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 2022-23 AND CONSISTS OF 1,101 ACRE-FEET IN THE ALTO SUBAREA AND 717 ACRE-FEET IN THE CENTRO SUBAREA.
- 13 THE VERIFIED PRODUCTION SHOWN INCLUDES MWA DELIVERIES THROUGH THE REGIONAL, RECHARGE AND RECOVERY PROJECT. DELIVERIES FOR 2022-23 WATER YEAR INCLUDE 1,846 ACRE-FEET FOR THE CITY OF ADELANTO, 472 ACRE-FEET FOR LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP., 1,592 ACRE-FEET FOR VICTORVILLE WATER DISTRICT, ID#1 AND 2,397 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.
- 15 FPA HAS BEEN ADJUSTED 2 FOR 1 FOR THE CHANGE IN CONSUMPTIVE USE PURSUANT TO EXHIBIT F OF THE JUDGMENT.
- 16 UNUSED FPA SHOWN FOR GENON CALIFORNIA SOUTH, LP IS NOT TRANSFERRABLE PURSUANT TO THE PURCHASE AND SALE AGREEMENT WITH MOJAVE WATER AGENCY DATED SEPTEMBER 12, 2019.
- 17 JEROME E. SHORT SOLD HIS REAL PROPERTY TO QIA HUI ZHOU IN SEPTEMBER 2020. THE BAP HAS NOT BEEN TRANSFERRED TO MR. ZHOU AT THIS TIME DUE TO PAST DUE ASSESSMENTS FOR THE 2019-20 WATER YEAR THAT ARE BEING DISPUTED.

APPENDIX C

SEPARATION OF FLOW COMPONENTS AT LOWER NARROWS

AND AFTON FOR 2022-23

*Precipitation at Lake Arrowhead on Nov 7 = 3.00"; Nov 8 = 5.61"; Dec 11 = 3.15"; Dec 31 = 2.95"; Jan 5 = 3.90"; Jan 10 = 3.99"; Jan 14 = 3.36"; Jan 16 = 3.42"; Feb 24 = 2.47"; Feb 26 = 4.64"; Feb 27 = 2.88"; Feb 28 = 3.51"; Mar 1 = 4.45"; Mar 2 = 3.07"; Mar 14 = 2.23"; Mar 15 = 2.84"; Mar 21 = 3.67"; Aug 20 = 8.57"



MOJAVE RIVER AT LOWER NARROWS NEAR VICTORVILLE, CA

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

WATER YEAR 2022-23

AVERAGE DAILY DISCHARGE, CUBIC FT PER SECOND

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	1.32	0.89	8.16	27.5	16.0	47.9	862	254	99.9	119	3.14	5.32
2	1.39	1.03	7.77	14.1	16.1	142	407	402	95.5	116	3.18	4.94
3	1.43	1.05	7.64	13.7	15.7	170	393	e158	93.5	112	3.05	4.81
4	1.71	1.07	7.59	13.6	15.7	196	319	e101	93.6	53.8	3.13	4.71
5	1.20	1.04	7.60	11.6	15.4	124	260	138	92.9	22.4	3.08	4.64
6	1.28	1.16	7.53	226	15.4	36.0	240	127	175	12.2	2.95	4.53
7	1.42	1.28	7.66	14.9	15.2	22.4	245	100	211	8.35	2.89	4.25
8	1.52	1.50	7.95	5.06	14.9	17.1	208	e74.0	221	7.31	2.77	4.02
9	1.62	10.8	8.31	e2.35	14.6	14.6	163	e60.3	227	6.10	2.71	3.84
10	1.66	6.62	8.69	e532	14.2	17.4	206	e48.2	230	4.79	2.85	3.57
11	1.72	5.94	9.36	1,250	14.2	395	395	45.1	234	5.43	2.94	3.91
12	1.71	5.76	10.2	222	14.1	1,080	508	22.4	235	7.00	2.94	4.09
13	1.66	5.38	10.7	286	13.8	753	410	24.5	237	4.81	3.03	4.14
14	1.57	5.42	11.1	92.9	13.6	835	305	24.5	238	4.72	3.04	4.14
15	1.79	5.29	11.6	1,090	13.3	2,370	220	19.8	234	4.42	3.07	4.22
16	1.62	5.60	11.4	1,450	13.3	2,370	161	35.9	229	3.84	3.09	4.22
17	1.50	6.57	11.1	1,560	14.1	1,330	172	82.3	223	3.96	2.96	4.36
18	1.43	7.44	10.7	644	13.6	890	352	95.5	218	e4.55	2.75	4.28
19	1.53	8.01	10.3	307	13.9	842	118	47.7	194	e4.09	2.83	4.10
20	1.17	8.72	10.0	169	15.0	884	77.6	15.4	153	e4.17	413	4.00
21	1.27	9.84	9.58	79.7	14.0	1,130	67.4	11.9	163	e4.14	251	4.05
22	1.37	10.7	9.27	51.1	12.3	2,130	99.1	9.78	163	e4.18	215	4.14
23	1.10	11.4	9.52	37.9	12.2	1,290	119	e9.58	164	e3.97	38.2	4.14
24	1.14	10.8	10.0	28.9	12.6	713	204	11.0	190	e4.01	15.6	3.85
25	1.10	10.1	10.6	24.6	202	581	401	25.0	196	3.83	11.2	3.73
26	1.17	9.61	11.1	21.6	42.5	475	211	64.5	202	3.71	8.10	3.90
27	1.19	9.07	11.5	20.3	22.5	398	164	87.2	206	3.57	7.05	4.08
28	1.11	8.64	12.0	18.6	19.2	363	293	95.4	142	3.38	6.90	4.29
29	1.17	8.38	11.9	17.7		341	223	95.0	128	3.34	6.90	4.27
30	1.01	8.25	12.1	17.0		663	236	94.5	122	3.15	6.33	4.49
31	1.13		12.7	16.4		1,010		99.5		3.20	5.88	
TOTAL (CFS - DAYS)	43.0	187	306	8,266	629	21,630	8,038	2,479	5,410	549	1,042	127
ACRE-FEET	85.3	372	606	16,390	1,248	42,900	15,950	4,917	10,730	1,090	2,066	252

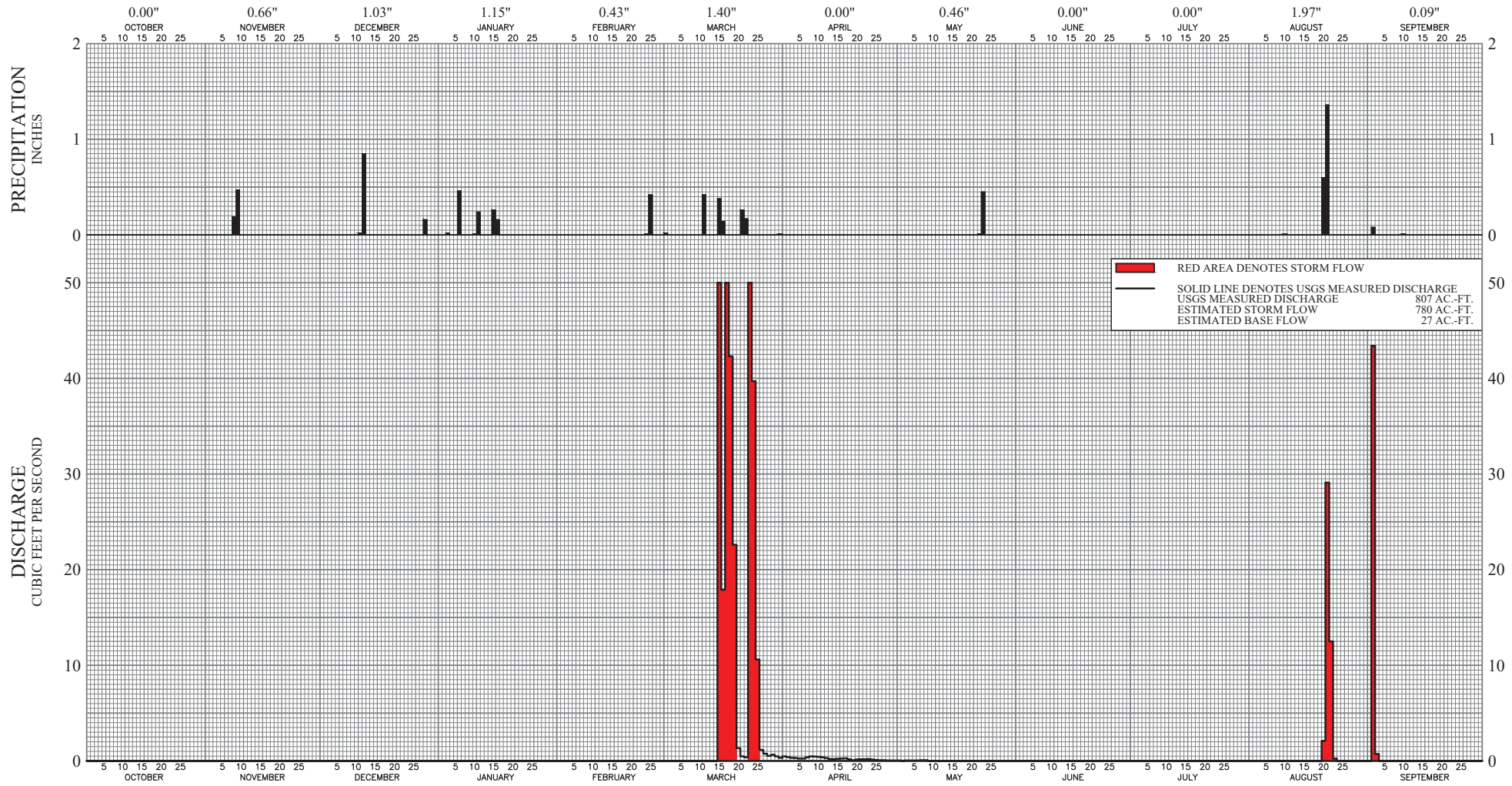
WATER YEAR TOTAL = 96,606 AC-FT

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

WATER YEAR 2022-23

PRECIPITATION, INCHES

[illegible]



DISCHARGE OF MOJAVE RIVER AT AFTON
AND PRECIPITATION AT BARSTOW
WATER YEAR 2022-23

MOJAVE RIVER AT AFTON, CA

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

WATER YEAR 2022-23
PRELIMINARY - SUBJECT TO CHANGE

AVERAGE DAILY DISCHARGE, CUBIC FT PER SECOND

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.04	0.00	0.00	0.0	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.03	0.00	0.00	0.00	43.40
3	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.06	0.00	0.00	0.00	0.73
4	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.06	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.06	0.00	0.00	0.00	0.00
6	0.00	0.00	0.00	0.00	0.00	0.00	0.25	0.06	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.08	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.00	0.00	0.48	0.07	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.00	0.00	0.44	0.01	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00
11	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.00	0.00	0.00	0.00	0.00
12	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00
13	0.00	0.00	0.00	e0.00	0.00	0.00	0.19	0.01	0.00	0.00	0.00	0.00
14	0.00	0.00	0.00	e0.00	0.00	0.00	0.19	0.01	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	e0.00	0.00	65.90	0.23	0.01	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	e0.00	0.00	17.90	0.26	0.00	0.00	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	56.30	0.27	0.00	0.00	0.00	0.00	0.00
18	0.00	0.00	0.00	0.00	0.00	42.30	0.17	0.00	0.00	0.00	0.00	0.00
19	0.00	0.00	0.00	0.00	0.00	e22.6	0.07	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	e0.00	0.00	e1.33	0.16	0.00	0.00	0.00	2.10	0.00
21	0.00	0.00	0.00	e0.00	0.00	e0.48	0.18	0.00	0.00	0.00	29.10	0.00
22	0.00	0.00	0.00	e0.00	0.00	e0.37	0.18	0.00	0.00	0.00	12.50	0.00
23	0.00	0.00	0.00	0.00	0.00	50.00	0.21	0.00	0.00	0.00	0.24	0.00
24	0.00	0.00	0.00	0.00	0.00	39.70	0.16	0.00	0.00	0.00	0.0	0.00
25	0.00	0.00	0.00	0.00	0.00	10.60	0.11	0.00	0.00	0.00	0.0	0.00
26	0.00	0.00	0.00	0.00	0.00	1.15	0.08	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.00	0.00	0.00	0.75	0.08	0.00	0.00	0.00	0.00	0.00
28	0.00	0.00	0.00	0.00	0.00	0.53	0.05	0.00	0.00	0.00	0.00	e0
29	0.00	0.00	0.00	0.00	0.00	0.64	0.04	0.00	0.00	0.00	0.00	e0.0
30	0.00	0.00	0.00	0.00	0.00	0.47	0.06	0.00	0.00	0.00	0.00	e0.00
31	0.00		0.00	0.00	0.00	0.33		0.00		0.0	0.00	
TOTAL (CFS)	0.00	0.00	0.00	0.00	0.00	311.35	7.09	0.50	0.00	0.00	43.94	44.13
ACRE-FEET	0.00	0.00	0.00	0.00	0.00	617.55	14.06	0.99	0.00	0.00	87.15	87.53

WATER YEAR TOTAL = 807 AC-FT

NOAA STATION NO. W04-0521-07

PRECIPITATION, INCHES

TOTAL (IN)	0.00	0.66	1.03	1.15	0.43	1.40	0.00	0.46	0.00	0.00	1.97	0.09
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WATER YEAR TOTAL = 7.19

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

FEBRUARY 28, 2024

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2021-22 CARRYOVER ²	2022-23 FPA ³	2021-22 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2021-22 CARRYOVER IN LIEU OF MAKEUP ⁵	2022-23 FPA IN LIEU OF MAKEUP ⁶	
AHN, CHUN SOO AND DAVID				29			AHN REVOCABLE LIVING TRUST
AHN, CHUN SOO AND DAVID				93			OASIS WORLD MISSION
BELL, CHARLES H. TRUST DATED MARCH 7, 2014		50					JUNIPER RIVIERA COUNTY WATER DISTRICT
CLUB VIEW PARTNERS				36			SAN BERNARDINO COUNTY SERVICE AREA 29
DAHLQUIST, GEORGE R.	200						LUCERNE VALLEY UNIFIED SCHOOL DISTRICT
DAHLQUIST, GEORGE R.		341					LUCERNE VALLEY UNIFIED SCHOOL DISTRICT
GAETA, MIGUEL AND MARIA		50					JUNIPER RIVIERA COUNTY WATER DISTRICT
MITSUBISHI CEMENT CORPORATION				5			JUBILEE MUTUAL WATER COMPANY
MITSUBISHI CEMENT CORPORATION				30			OMYA CALIFORNIA, INC.
MITSUBISHI CEMENT CORPORATION				126			ROBERTSON'S READY MIX
MITSUBISHI CEMENT CORPORATION				29			SPECIALTY MINERALS, INC.
PAK, KAE SOO AND MYONG HUI KANG				38			CHUNG, ET AL.
WEST END MUTUAL WATER COMPANY				9			DESERT DAWN MUTUAL WATER COMPANY
TOTAL	200	441	0	395	0	0	

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	2021-22 CARRYOVER ²	2022-23 FPA ³	2021-22 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2021-22 CARRYOVER IN LIEU OF MAKEUP ⁵	2022-23 FPA IN LIEU OF MAKEUP ⁶	
ADES, JOHN AND DEVON				18			ADELANTO, CITY OF
AMERICAN STATES WATER COMPANY				428			GOLDEN STATE WATER COMPANY
AMERICAN STATES WATER COMPANY				61			SAN BERNARDINO COUNTY SERVICE AREA 64
AMERICAN STATES WATER COMPANY				61			SAN BERNARDINO COUNTY SERVICE AREA 70J
BASS TRUST, NEWTON T.				279			ADELANTO, CITY OF
BASTIANON REVOCABLE TRUST				41			APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
BASTIANON REVOCABLE TRUST				1			JOHNSON, CARLEAN
BEINSCHROTH FAMILY TRUST				62			ADELANTO, CITY OF
BEINSCHROTH FAMILY TRUST				43			MARIANA RANCHOS COUNTY WATER DISTRICT
BEINSCHROTH FAMILY TRUST				46			THUNDERBIRD COUNTY WATER DISTRICT
BEINSCHROTH, ANDY ERIC				137			ADELANTO, CITY OF
BOX, GEARY S. AND LAURA		6					LANGLEY, JAMES
BROWN, BOBBY G. AND VALERIA R.				23			SILVER LAKES ASSOCIATION
BROWN, JENNIFER				20			VICTORVILLE WATER DISTRICT, ID#1
BRUNEAU, KAREN				4			ADELANTO, CITY OF
BRYANT, IAN				16			ADELANTO, CITY OF
BUNNELL, DICK				12			ADELANTO, CITY OF
CALMAT COMPANY		10					JOHNSON, PAUL - INDUSTRIAL
CALPORTLAND COMPANY - AGRICULTURE		354					LANGLEY, JAMES
CALPORTLAND COMPANY - ORO GRANDE PLANT		445					LANGLEY, JAMES - INDUSTRIAL
DLW REVOCABLE TRUST				39			ADELANTO, CITY OF
DOLCH LIVING TRUST ROBERT AND JUDITH				50			ADELANTO, CITY OF
DORA LAND, INC.				9			ADELANTO, CITY OF
FEDERAL BUREAU OF PRISONS, VICTORVILLE			374				VICTORVILLE WATER DISTRICT, ID#1
FINCH, JENIFER				17			ADELANTO, CITY OF
FISCHER REVOCABLE LIVING TRUST				19			SILVER LAKES ASSOCIATION
FISHER TRUST, JEROME R.				349			ADELANTO, CITY OF
FRAZIER, ET AL.				28			SILVER LAKES ASSOCIATION
FRAZIER, ET AL.	50						VICTORVILLE WATER DISTRICT, ID#1
HAAS, BRYAN C. AND HINKLE, MARY H.				5			SILVER LAKES ASSOCIATION
HALANNA EQUITIES III				7			HESPERIA - GOLF COURSE, CITY OF
HAMILTON FAMILY TRUST				52			HESPERIA - GOLF COURSE, CITY OF
HELENDAL COMMUNITY SERVICES DISTRICT				744			VICTORVILLE WATER DISTRICT, ID#1
HESPERIA, CITY OF				76			HESPERIA - GOLF COURSE, CITY OF

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	2021-22 CARRYOVER ²	2022-23 FPA ³	2021-22 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2021-22 CARRYOVER IN LIEU OF MAKEUP ⁵	2022-23 FPA IN LIEU OF MAKEUP ⁶	
HESPERIA, CITY OF				3,629			HESPERIA WATER DISTRICT
HI-GRADE MATERIALS COMPANY				55			AGCON, INC.
HOLWAY JEFFREY R AND PATRICIA GAGE		5					HESPERIA WATER DISTRICT
HOLWAY, JEFFREY R		7					HESPERIA WATER DISTRICT
HOLY HEAVENLY LAKE, LLC				4			HESPERIA - GOLF COURSE, CITY OF
HUNT, CONNIE		37					HESPERIA WATER DISTRICT
JESS RANCH WATER COMPANY				3,048			VICTORVILLE WATER DISTRICT, ID#1
JOHNSON, PAUL - INDUSTRIAL				10			VICTORVILLE WATER DISTRICT, ID#1
JOHNSON, RONALD		18					HESPERIA WATER DISTRICT
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.				12			HESPERIA WATER DISTRICT
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		26					LANGLEY, JAMES
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		25					LANGLEY, JAMES
KEMPER CAMPBELL RANCH				235			SILVER LAKES ASSOCIATION
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT				362			SPRING VALLEY LAKE ASSOCIATION
LANGLEY, JAMES		411					HESPERIA WATER DISTRICT
LANGLEY, JAMES				51			VICTOR VALLEY MEMORIAL PARK
LANGLEY, JAMES - INDUSTRIAL		445					HESPERIA WATER DISTRICT
LAWSON, ERNEST AND BARBARA				2			APPLE VALLEY VIEW MUTUAL WATER COMPANY
LAWSON, ERNEST AND BARBARA				2			SPRING VALLEY LAKE ASSOCIATION
LAWSON, ERNEST AND BARBARA				4			VICTORVILLE WATER DISTRICT, ID#1
LOW, DEAN				110			ADELANTO, CITY OF
LUCKEY 2010 REVOCABLE TRUST				164			ADELANTO, CITY OF
LUCKEY 2010 REVOCABLE TRUST	300						VICTORVILLE WATER DISTRICT, ID#1
MCKINNEY, PAULA		19					HESPERIA WATER DISTRICT
NAVAJO MUTUAL WATER COMPANY				45			VICTORVILLE WATER DISTRICT, ID#2
NUNN FAMILY TRUST				19			SPRING VALLEY LAKE ASSOCIATION
PAUSTELL, JOAN BEINSCHROTH				84			ADELANTO, CITY OF
PAUSTELL, JOAN BEINSCHROTH	10						VICTORVILLE WATER DISTRICT, ID#1
POLICH, DONNA		36					HESPERIA WATER DISTRICT
RIM PROPERTIES, A GENERAL PARTNERSHIP				5			VICTORVILLE WATER DISTRICT, ID#1
RUE RANCH, INC.				16			ADELANTO, CITY OF
SAN BERNARDINO COUNTY SERVICE AREA 42				96			SAN BERNARDINO COUNTY SERVICE AREA 64
SAN BERNARDINO COUNTY SERVICE AREA 42				96			SAN BERNARDINO COUNTY SERVICE AREA 70J
SCRAY, MICHELLE A. TRUST		8					LANGLEY, JAMES

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	2021-22 CARRYOVER ²	2022-23 FPA ³	2021-22 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2021-22 CARRYOVER IN LIEU OF MAKEUP ⁵	2022-23 FPA IN LIEU OF MAKEUP ⁶	
SERVICE ROCK PRODUCTS CORPORATION	20						ROBERTSON'S READY MIX
SERVICE ROCK PRODUCTS CORPORATION		11					ROBERTSON'S READY MIX
STORM, RANDALL				35			SILVER LAKES ASSOCIATION
SUDMEIER, GLENN W.				10			VICTORVILLE WATER DISTRICT, ID#1
SUMMIT VALLEY RANCH, LLC				13			HESPERIA - GOLF COURSE, CITY OF
THOMPSON LIVING TRUST, JAMES A. AND SULA B.				6			SILVER LAKES ASSOCIATION
THOMPSON LIVING TRUST, JAMES A. AND SULA B.				222			VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
THRASHER, GARY				205			VICTORVILLE WATER DISTRICT, ID#1
VOGLER, ALBERT H.				35			HESPERIA WATER DISTRICT
WAGNER LIVING TRUST				674			VICTORVILLE WATER DISTRICT, ID#1
WAKULA FAMILY TRUST				6			ADELANTO, CITY OF
WARD, KEN AND BARBARA				25			SILVER LAKES ASSOCIATION
WEST, HOWARD AND SUZY		40					LANGLEY, JAMES
WEST, JIMMIE E.				5			VICTORVILLE WATER DISTRICT, ID#1
TOTAL	380	1,903	374	11,932	0	0	

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

FEBRUARY 28, 2024

CENTRO SUBAREA							
TRANSFER AMOUNT							
TRANSFEROR	BASE ANNUAL PRODUCTION ¹	2021-22 CARRYOVER ²	2022-23 FPA ³	2021-22 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2021-22 CARRYOVER IN LIEU OF MAKEUP ⁵	2022-23 FPA IN LIEU OF MAKEUP ⁶	TRANSFeree
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT					8		APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT					6		APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT					2		APPLE VALLEY VIEW MUTUAL WATER COMPANY
ATCHISON TOPEKA AND SANTA FE RAIL WAY COMPANY	120						BNSF RAILWAY COMPANY
BNSF RAILWAY COMPANY						53	CEMEX, INC.
BROMMER HOUSE TRUST						14	MARIANA RANCHOS COUNTY WATER DISTRICT
BROMMER HOUSE TRUST						2	NAVAJO MUTUAL WATER COMPANY
BROMMER HOUSE TRUST						8	RANCHERITOS MUTUAL WATER COMPANY
BROMMER HOUSE TRUST						14	SAN BERNARDINO COUNTY SERVICE AREA 64
BROMMER HOUSE TRUST					170		SAN BERNARDINO COUNTY SERVICE AREA 64
CHAFa, LARRY R. AND DELINDA C.		30					HELENDALE COMMUNITY SERVICES DISTRICT
CHAFa, LARRY R. AND DELINDA C.	46						HELENDALE COMMUNITY SERVICES DISTRICT
CONTRATTO, ERSULA					33		HESPERIA - GOLF COURSE, CITY OF
CONTRATTO, ERSULA					65		HESPERIA WATER DISTRICT
DORRANCE, DAVID W. AND TAMELA L.						11	CEMEX, INC.
EYGNOR, ROBERT E.		33					REIDO FARMS, LLC
EYGNOR, ROBERT E.	50						REIDO FARMS, LLC
GABRYCH, EUGENE						41	APPLE VALLEY, TOWN OF
GABRYCH, EUGENE					82		SILVER LAKES ASSOCIATION
GABRYCH, EUGENE						39	SILVER LAKES ASSOCIATION
GOLDEN STATE WATER COMPANY					101		CDFW - MOJAVE NARROWS REGIONAL PARK
GOLDEN STATE WATER COMPANY					45		GOLDEN STATE WATER COMPANY
GOLDEN STATE WATER COMPANY		800					HUERTA, HECTOR
GOLDEN STATE WATER COMPANY					6		SAN BERNARDINO COUNTY SERVICE AREA 42
GOLDEN STATE WATER COMPANY					50		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						84	CALPORTLAND COMPANY - ORO GRANDE PLANT
HARMSen FAMILY TRUST				113			GRILL, NICHOLAS P. AND MILLIE D.
HASKINS, JAMES J.					19		AGCON, INC.
HASKINS, JAMES J.						12	CALPORTLAND COMPANY - ORO GRANDE PLANT
HASKINS, JAMES J.						2	HI-GRADE MATERIALS COMPANY
HASKINS, JAMES J.					1		HI-GRADE MATERIALS COMPANY
HELENDALE COMMUNITY SERVICES DISTRICT						93	HELENDALE COMMUNITY SERVICES DISTRICT
HELENDALE COMMUNITY SERVICES DISTRICT					41		HELENDALE COMMUNITY SERVICES DISTRICT

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

FEBRUARY 28, 2024

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2021-22 CARRYOVER ²	2022-23 FPA ³	2021-22 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2021-22 CARRYOVER IN LIEU OF MAKEUP ⁵	2022-23 FPA IN LIEU OF MAKEUP ⁶	
HILL FAMILY TRUST AND HILL'S RANCH, INC.					81		JESS RANCH WATER COMPANY
HILL FAMILY TRUST AND HILL'S RANCH, INC.					690		LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR
HOWARD, ET AL.	43						HELENDALE COMMUNITY SERVICES DISTRICT
HOWARD, ET AL.		28					HELENDALE COMMUNITY SERVICES DISTRICT
JORDAN FAMILY TRUST					295		HESPERIA WATER DISTRICT
KIM, JIN S. AND HYUN H.					124		HESPERIA WATER DISTRICT
PACIFIC GAS AND ELECTRIC COMPANY		200					RUISCH TRUST, DALE W. AND NELLIE H.
SERVICE ROCK PRODUCTS CORPORATION	766						ROBERTSON'S READY MIX
SERVICE ROCK PRODUCTS CORPORATION		498					ROBERTSON'S READY MIX
SEXTON, RODNEY A. AND SEXTON, DEREK R.					85		ADELANTO, CITY OF
SEXTON, RODNEY A. AND SEXTON, DEREK R.					1		BASS TRUST, NEWTON T.
SEXTON, RODNEY A. AND SEXTON, DEREK R.					1		BROWN, JENNIFER
SEXTON, RODNEY A. AND SEXTON, DEREK R.					1		HALANNA EQUITIES III
SEXTON, RODNEY A. AND SEXTON, DEREK R.					2		JOHNSON, CARLEAN
SEXTON, RODNEY A. AND SEXTON, DEREK R.						3	KEMPER CAMPBELL RANCH
SEXTON, RODNEY A. AND SEXTON, DEREK R.					10		PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT
SEXTON, RODNEY A. AND SEXTON, DEREK R.						118	SILVER LAKES ASSOCIATION
SEXTON, RODNEY A. AND SEXTON, DEREK R.					47		SPRING VALLEY LAKE ASSOCIATION
SEXTON, RODNEY A. AND SEXTON, DEREK R.					2		SUMMIT VALLEY RANCH, LLC
SEXTON, RODNEY A. AND SEXTON, DEREK R.						7	THUNDERBIRD COUNTY WATER DISTRICT
SEXTON, RODNEY A. AND SEXTON, DEREK R.						11	VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
SEXTON, RODNEY A. AND SEXTON, DEREK R.					1		VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
SEXTON, RODNEY A. AND SEXTON, DEREK R.					1		WARD, KEN AND BARBARA
VAN LEEUWEN TRUST, JOHN A. AND IETIE	1,465						BNSF RAILWAY COMPANY
VAN LEEUWEN TRUST, JOHN A. AND IETIE		953					BNSF RAILWAY COMPANY
VICTORVILLE WATER DISTRICT, ID#1					163		ADELANTO, CITY OF
VICTORVILLE WATER DISTRICT, ID#1					1		ADES, JOHN AND DEVON
VICTORVILLE WATER DISTRICT, ID#1				2			BARSTOW COMMUNITY DEVELOPERS, LLC
VICTORVILLE WATER DISTRICT, ID#1					264		HESPERIA WATER DISTRICT
VICTORVILLE WATER DISTRICT, ID#1					133		SPRING VALLEY LAKE ASSOCIATION
VICTORVILLE WATER DISTRICT, ID#1					1,133		VICTORVILLE WATER DISTRICT, ID#1
VICTORVILLE WATER DISTRICT, ID#1					141		VICTORVILLE WATER DISTRICT, ID#2
WERNER, ANDREW J.						1	BOX, GEARY S. AND LAURA
WERNER, ANDREW J.						8	CEMEX, INC.

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

TRANSFEROR	TRANSFER AMOUNT						TRANSFEEE
	BASE ANNUAL PRODUCTION ¹	2021-22 CARRYOVER ²	2022-23 FPA ³	2021-22 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2021-22 CARRYOVER IN LIEU OF MAKEUP ⁵	2022-23 FPA IN LIEU OF MAKEUP ⁶	
WERNER, ANDREW J.						1	JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.
TOTAL	2,490	4,142	0	115	3,805	522	

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

BAJA SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFEEE
	BASE ANNUAL PRODUCTION ¹	2021-22 CARRYOVER ²	2022-23 FPA ³	2021-22 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2021-22 CARRYOVER IN LIEU OF MAKEUP ⁵	2022-23 FPA IN LIEU OF MAKEUP ⁶	
ARCHIBEK, ERIC				155			CLARK, GARY AND BETH A.
ARCHIBEK, ERIC				68			CLARK, GARY AND BETH A.
ARCHIBEK, ERIC			29				CLARK, GARY AND BETH A.
ARCHIBEK, ERIC			239				LAKE WAINANI OWNERS ASSOCIATION
ARCHIBEK, ERIC				222			WESTERN HORIZON ASSOCIATES, INC.
ATCHISON TOPEKA AND SANTA FE RAIL WAY COMPANY	80						BNSF RAILWAY COMPANY
BREDELIS, RONALD C. AND JEAN		5					DE JONG FAMILY TRUST
CALICO LAKES HOMEOWNERS ASSOCIATION				275			CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
DAGGETT SOLAR POWER 3 LLC			37				DAGGETT LAND HOLDINGS LLC
DAGGETT SOLAR POWER 3 LLC		41					DAGGETT LAND HOLDINGS LLC
EVERT FAMILY TRUST				5			HORTON FAMILY TRUST
EVERT FAMILY TRUST				4			VAN BASTELAAR, ALPHONSE
GARG, OM P.		109					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
GRAY, GEORGE F. AND BETTY E.		22					DE JONG FAMILY TRUST
HARTER, JOE AND SUE		100					CALICO LAKES HOMEOWNERS ASSOCIATION
HARTER, JOE AND SUE		165					O. F. D. L., INC.
HARTER, JOE AND SUE		100					ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI
HASS, PAULINE L.		7					DE JONG FAMILY TRUST
HIETT, HARRY L.				2			DAGGETT RANCH, LLC
HILARIDES 1998 REVOCABLE FAMILY TRUST		68					ARCHIBEK, ERIC
HYATT, JAMES AND BRENDA		40					DE JONG FAMILY TRUST
ITALMOOD INC., ET AL.	190						UPPAL, GAGAN
ITALMOOD INC., ET AL.		43					UPPAL, GAGAN
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST		3					IRVIN, BERTRAND W.
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST		10					MARTIN, MICHAEL D. AND ARLENE D.
KASNER FAMILY LIMITED PARTNERSHIP		24					HACKBARTH, EDWARD E.
KASNER, ROBERT				438			GABRYCH, EUGENE
KASNER, ROBERT		200					GABRYCH, EUGENE
KASNER, ROBERT		281					HACKBARTH, EDWARD E.
KASNER, ROBERT		344					HACKBARTH, EDWARD E.
KOSHAREK, NANCY		13					VAAGE, GAGE V.
KOSHAREK, NANCY	54						VAAGE, GAGE V.
LAKE WAINANI OWNERS ASSOCIATION		79					ARCHIBEK, ERIC
LAKE WAINANI OWNERS ASSOCIATION		298					ARCHIBEK, ERIC

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

FEBRUARY 28, 2024

TRANSFEROR	TRANSFER AMOUNT						TRANSFEREE
	BASE ANNUAL PRODUCTION ¹	2021-22 CARRYOVER ²	2022-23 FPA ³	2021-22 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2021-22 CARRYOVER IN LIEU OF MAKEUP ⁵	2022-23 FPA IN LIEU OF MAKEUP ⁶	
LANGLEY REVOCABLE TRUST AND SHARON LANAGLEY	20						HANG, PHU QUANG
LANGLEY REVOCABLE TRUST AND SHARON LANAGLEY		4					HANG, PHU QUANG
LIANG, YUAN - I AND TZU - MEI CHEN		16					NSSL, INC.
LIANG, YUAN - I AND TZU - MEI CHEN		29					QUIROS, FRANSISCO J. AND HERRMANN, RONALD
LIN, KUAN JUNG AND CHUNG, DER-BING			93				NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
MIZRAHIE, ET AL.		33					NSSL, INC.
MOJAVE WATER AGENCY			250				GENON CALIFORNIA SOUTH, LP
MORRIS TRUST, JULIA V.		68					DE JONG FAMILY TRUST
NEW SPRINGS LIMITED PARTNERSHIP				23			BUBIER, DIANE GAIL
NEW SPRINGS LIMITED PARTNERSHIP		100					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
NEW SPRINGS LIMITED PARTNERSHIP		31					NSSL, INC.
NEW SPRINGS LIMITED PARTNERSHIP				10			SAGABEAN-BARKER, KANOELOKELANI L.
NEW SPRINGS LIMITED PARTNERSHIP				3			SMITH, DENISE DBA AMEREQUINE BEAUTY, INC
NEW SPRINGS LIMITED PARTNERSHIP				91			ST. ANTONY COPTIC ORTHODOX MONASTERY
NEW SPRINGS LIMITED PARTNERSHIP		267					ST. ANTONY COPTIC ORTHODOX MONASTERY
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		30					CHEYENNE LAKE, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			15				CHEYENNE LAKE, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			15				CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		20					CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION				11			CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		31					HORTON FAMILY TRUST
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			15				HORTON FAMILY TRUST
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			15				LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		20					LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION				11			LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			15				SUNDOWN LAKES, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		30					SUNDOWN LAKES, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		30					WET SET, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			15				WET SET, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		30					WLSR, INC.
O. F. D. L., INC.				84			LAKE JODIE PROPERTY OWNERS ASSOCIATION
PEARCE, CRAIG L.			29				ARCHIBEK, ERIC
SOUTHERN CALIFORNIA EDISON COMPANY		45					DAGGETT COMMUNITY SERVICES DISTRICT
SOUTHERN CALIFORNIA EDISON COMPANY				88			DAGGETT COMMUNITY SERVICES DISTRICT

APPENDIX E
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	2021-22 CARRYOVER ²	2022-23 FPA ³	2021-22 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2021-22 CARRYOVER IN LIEU OF MAKEUP ⁵	2022-23 FPA IN LIEU OF MAKEUP ⁶	
VAN DAM FAMILY TRUST, GLEN AND JENNIFER		296					CALICO LAKES HOMEOWNERS ASSOCIATION
VAN DAM FAMILY TRUST, GLEN AND JENNIFER				191			LAKE JODIE PROPERTY OWNERS ASSOCIATION
VAN DAM FAMILY TRUST, GLEN AND JENNIFER		84					O. F. D. L., INC.
VANDER DUSSEN TRUST, AGNES AND EDWARD		363					GABRYCH, EUGENE
WESTERN HORIZON ASSOCIATES, INC.			239				ARCHIBEK, ERIC
WESTERN HORIZON ASSOCIATES, INC.	200						LAKE WAINANI OWNERS ASSOCIATION
TOTAL	544	3,479	1,006	1,681	0	0	
TOTAL - ALL SUBAREAS	3,614	9,965	1,380	14,123	3,805	522	

NOTES FOR APPENDIX E

- 1 TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT DURING 2022-23.
- 2 TRANSFERS OF 2021-22 CARRYOVER (UNUSED FPA) FOR USE DURING 2022-23.
- 3 TRANSFERS OF 2022-23 FREE PRODUCTION ALLOWANCE FOR USE DURING 2022-23.
- 4 2021-22 CARRYOVER IN LIEU OF REPLACEMENT TRANSFERS ARE MADE ONLY FOR SATISFACTION OF REPLACEMENT WATER OBLIGATIONS INCURRED DURING 2021-22.
- 5 2021-22 CARRYOVER IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2021-22.
- 6 2022-23 FPA IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2021-22.

APPENDIX F

BALANCES IN STORAGE AGREEMENTS

APPENDIX F

FEBRUARY 28, 2024

STORAGE AGREEMENT ACCOUNTING AND BALANCES
2022-23 WATER YEAR
(ALL AMOUNTS IN ACRE-FEET)

STORER	STORAGE AGREEMENT				ACTIVITY				BALANCE AS OF 9/30/23
	INITIATION DATE	EXPIRATION DATE	MAXIMUM AMOUNT ¹	AMOUNT STORED AS OF 10/1/22	ADDITIONS	LOSSES ²	DISSIPATION ³	EXTRACTIONS	
VICTORVILLE WATER DISTRICT, ID#1 - INJECTION	05/23/2012	06/30/2022	13,000	1,000	0	0	0	0	1,000
VICTORVILLE WATER DISTRICT, ID#1 - PERCOLATION	07/27/2016	09/30/2028	0	7,269	2,018	-61	0	-2,098	7,128
VICTORVILLE WATER DISTRICT, ID#1 TOTAL			13,000	8,269	2,018	-61	0	-2,098	8,128
MOJAVE WATER AGENCY - ALTO	09/28/2016	09/28/2036	242,000	121,752	65,342	-1,961	0	-11,136	173,997
MOJAVE WATER AGENCY - BAJA	09/28/2016	09/28/2036	50,000	24,682	448	-13	0	0	25,117
MOJAVE WATER AGENCY - CENTRO	09/28/2016	09/28/2036	35,000	26,416	7,277	-218	0	-47	33,428
MOJAVE WATER AGENCY - ESTE	09/28/2016	09/28/2036	7,000	1,334	0	0	0	0	1,334
MOJAVE WATER AGENCY - OESTE	09/28/2016	09/28/2036	7,000	0	0	0	0	0	0
MOJAVE WATER AGENCY TOTAL			341,000	174,184	73,067	-2,192	0	-11,183	233,876

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, 2023



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

Annual Financial Report

For the Fiscal Year Ended June 30, 2023



Mojave Basin Area Watermaster
Annual Financial Report
For the Fiscal Year Ended June 30, 2023 (with comparative data for 2022)

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Financial Section



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Independent Auditor's Report

To the Board of Directors
Mojave Basin Area Watermaster
Apple Valley, California

Report on the Audit of the Financial Statements

Opinion

We have audited the accompanying financial statements of the Mojave Basin Area Watermaster (the Watermaster), a component unit of the Mojave Water Agency, as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the Watermaster's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Watermaster as of June 30, 2023, and the changes in financial position and cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America, as well as the accounting systems prescribed by the State Controller's Office and State Regulations governing Special Districts.

Basis for Opinion

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS), the standards applicable to financial audits contained in *Government Auditing Standards* (GAS), issued by the Comptroller General of the United States and the State Controller's *Minimum Audit Requirements for California Special Districts*. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of the Watermaster and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Responsibilities of Management for the Financial Statements

The Watermaster's management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about the Watermaster's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and GAS will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS and GAS, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit 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 Watermaster's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Watermaster's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, as listed in the table of contents, be presented to supplement the basic financial statements. Such information is the responsibility of management and, 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 audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Report on Summarized Comparative Information

We have previously audited the Watermaster's 2022 financial statements, and we expressed unmodified opinions on the respective financial statements in our report dated October 13, 2022. In our opinion, the summarized comparative information presented herein as of and for the year ended June 30, 2022, is consistent, in all material respects, with the audited financial statements from which it has been derived.

Other Matter

Prior Year Comparative Information

The financial statements include summarized prior-year comparative information. Such information does not include sufficient detail to constitute a presentation in conformity with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with the Watermaster's financial statements for the year ended June 30, 2022, from which such summarized information was derived.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated October 26, 2023 on our consideration of the Watermaster's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely 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 effectiveness of 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.

Rogers, Anderson, Malody & Scott, LLP.

San Bernardino, California
October 26, 2023

Mojave Basin Area Watermaster
Management's Discussion and Analysis
For the Fiscal Year Ended June 30, 2023

The following Management's Discussion and Analysis (MD&A) of activities and financial performance of the Mojave Basin Area Watermaster (the Watermaster) provides an introduction to the financial statements of the Watermaster for the fiscal years ended June 30, 2023 and 2022. 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 2023, the Watermaster's net position increased 17%, or \$132,936, to \$924,651 primarily driven by a decrease in administrative expenses of \$177,701 due to vacant staff positions and lower legal and engineering charges. This was offset by a decrease in Biological, Replacement and Makeup Assessments revenue of \$52,581. In fiscal year 2022, the Watermaster's net position decreased 14%, or \$126,294, to \$791,715 as a result from ongoing operations.
- In fiscal year 2023, the Watermaster's operating revenues decreased 10%, or \$600,165, to \$5,568,896 driven by a decrease of \$606,991 in Replacement assessments due to a reduction in pumping. In fiscal year 2022, the Watermaster's operating revenues increased 170%, or \$3,881,362, to \$6,169,061 primarily due to an increase in replacement assessments.
- In fiscal year 2023, the Watermaster's operating expenses decreased 12%, or \$750,393, to \$5,455,687 primarily due to a decrease of \$565,814 for the amount of State Water Project importation for replacement charges, as well as a decrease in administrative expenses of \$177,701 driven by vacant staff positions, lower legal and engineering consulting charges. In fiscal year 2022, the Watermaster's operating expenses increased 167%, or \$3,880,570, to \$6,206,080 primarily due to increased amount of State Water Project importation for replacement 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 2023 and 2022.

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 reports cash receipts, cash payments, and net changes in cash resulting from operations, investing, non-capital financing, and capital and related financing activities and provides answers to questions such 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
For the Fiscal Year Ended June 30, 2023

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.

Statements of Net Position

	Condensed Statements of Net Position				
	2023	2022	Change	2021	Change
Assets					
Current assets	\$ 6,288,238	\$ 6,788,267	\$ (500,029)	\$ 2,897,513	\$ 3,890,754
Non-current assets	14,754	2,540	12,214	2,076	464
Total assets	<u>6,302,992</u>	<u>6,790,807</u>	<u>(487,815)</u>	<u>2,899,589</u>	<u>3,891,218</u>
Liabilities					
Current liabilities	<u>5,378,341</u>	<u>5,999,092</u>	<u>(620,751)</u>	<u>1,981,580</u>	<u>4,017,512</u>
Total liabilities	<u>5,378,341</u>	<u>5,999,092</u>	<u>(620,751)</u>	<u>1,981,580</u>	<u>4,017,512</u>
Net position					
Restricted	<u>924,651</u>	<u>791,715</u>	<u>132,936</u>	<u>918,009</u>	<u>(126,294)</u>
Total net position	<u>\$ 924,651</u>	<u>\$ 791,715</u>	<u>\$ 132,936</u>	<u>\$ 918,009</u>	<u>\$ (126,294)</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 \$924,651 and \$791,715 as of June 30, 2023 and 2022, respectively, which are 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
For the Fiscal Year Ended June 30, 2023

Statements of Revenues, Expenses and Changes in Net Position

Condensed Statements of Revenues, Expenses and Changes in Net Position					
	2023	2022	Change	2021	Change
Revenue:					
Operating revenues	\$ 5,568,896	\$ 6,169,061	\$ (600,165)	\$ 2,287,699	\$ 3,881,362
Non-operating revenues	65,348	6,858	58,490	10,887	(4,029)
Total revenues	<u>5,634,244</u>	<u>6,175,919</u>	<u>(541,675)</u>	<u>2,298,586</u>	<u>3,877,333</u>
Expense:					
Operating expense	5,455,687	6,206,080	(750,393)	2,325,510	3,880,570
Non-operating expenses	45,621	96,133	(50,512)	47,509	48,624
Total expenses	<u>5,501,308</u>	<u>6,302,213</u>	<u>(800,905)</u>	<u>2,373,019</u>	<u>3,929,194</u>
Change in net position	132,936	(126,294)	259,230	(74,433)	(51,861)
Net position, beginning of year	<u>791,715</u>	<u>918,009</u>	<u>(126,294)</u>	<u>992,442</u>	<u>(74,433)</u>
Net position, end of year	<u>\$ 924,651</u>	<u>\$ 791,715</u>	<u>\$ 132,936</u>	<u>\$ 918,009</u>	<u>\$ (126,294)</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 \$132,936 for the fiscal year ended June 30, 2023, primarily driven by a decrease in administrative expenses of \$177,701 due to vacant staff positions and lower legal and engineering charges. This was offset by a decrease in Biological, Replacement and Makeup Assessments revenue of \$52,581. For the fiscal year ended June 30, 2022, net position decreased by \$126,294 as a result of ongoing operations.

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

In fiscal year 2023, the Watermaster's total revenues decreased 9%, or \$541,675, to \$5,634,244 driven by a decrease of \$606,991 in Replacement assessments due to a reduction in pumping. This was offset by an increase in investment earnings of \$53,871. In fiscal year 2022, the Watermaster's total revenues increased 169%, or \$3,877,333, to \$6,169,061 due to an increase of \$3,852,664 in Replacement assessments.

In fiscal year 2023, the Watermaster's total expenses decreased 13%, or \$800,905, to \$5,501,308 primarily due to a decrease of \$565,814 for the amount of State Water Project importation for replacement charges, as well as a decrease in administrative expenses of \$177,701 driven by vacant staff positions, lower legal and engineering consulting charges. In addition, a decrease of \$50,512 for expenses used in the Biological fund. In fiscal year 2022, the Watermaster's total expenses increased 166%, or \$3,929,194, to \$6,302,213 due to an increase of \$3,872,798 in State Water Project importation charges as well as an increase of \$48,603 biological expenses.

Conditions Affecting Current Financial Position

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

Requests for Information

This financial report is designed to provide the Watermaster's funding sources, customers, stakeholders and other interested parties with an overview of the Watermaster's financial operations and financial condition. Should the reader have questions regarding the information included in this report or wish to request additional financial information, please contact the Mojave Water Agency at 13846 Conference Center Drive, Apple Valley, CA, 92307 or by phone at (760) 946-7000.

Basic Financial Statements

Mojave Basin Area Watermaster
Statements of Net Position
June 30, 2023 (with comparative data for 2022)

	2023	2022
ASSETS		
Current assets:		
Restricted - cash and cash equivalents (Note 2)	\$ 3,351,558	\$ 2,284,389
Accrued interest receivable	5,253	1,409
Accounts receivable - Administrative assessments	4,996	5,329
Accounts receivable - Biological assessments	616	296
Accounts receivable - Replacement assessments	2,923,362	4,493,590
Accounts receivable - Make-up assessments	2,453	3,254
	<u>6,288,238</u>	<u>6,788,267</u>
Total current assets	<u>6,288,238</u>	<u>6,788,267</u>
Non-current assets:		
Accounts receivable - Administrative assessments	2,242	2,068
Accounts receivable - Biological assessments	98	472
Accounts receivable - Replacement assessments	12,386	-
Accounts receivable - Make-up assessments	28	-
	<u>14,754</u>	<u>2,540</u>
Total non-current assets	<u>14,754</u>	<u>2,540</u>
Total assets	<u>6,302,992</u>	<u>6,790,807</u>
LIABILITIES		
Current liabilities:		
Accounts payable - Administrative	21,854	33,854
Accounts payable - Biological	45,431	96,133
Accounts payable - Replacement	5,071,960	5,624,034
Accounts payable - Make-up	16,980	24,233
Due to Mojave Water Agency	222,116	220,838
	<u>5,378,341</u>	<u>5,999,092</u>
Total current liabilities	<u>5,378,341</u>	<u>5,999,092</u>
Total liabilities	<u>5,378,341</u>	<u>5,999,092</u>
NET POSITION		
Restricted for Watermaster (Note 3)	924,651	791,715
	<u>924,651</u>	<u>791,715</u>
Total net position	<u>\$ 924,651</u>	<u>\$ 791,715</u>

See accompanying notes to the basic financial statements.

Mojave Basin Area Watermaster**Statements of Revenues, Expenses, and Changes in Net Position
For the Fiscal Year Ended June 30, 2023 (with comparative data for 2022)**

	2023	2022
OPERATING REVENUES		
Administrative assessments	\$ 444,354	\$ 423,405
Biological assessments	109,812	117,041
Replacement assessments	4,997,111	5,604,102
Make-up assessments	17,619	24,513
Total operating revenues	5,568,896	6,169,061
OPERATING EXPENSES		
State Water Project importation charges:		
Replacement charges	5,039,335	5,605,149
Make-up charges	17,520	24,209
Operating costs	398,832	576,722
Total operating expenses	5,455,687	6,206,080
Operating income (loss)	113,209	(37,019)
NONOPERATING REVENUES (EXPENSES)		
Investment earnings (loss)	47,013	(6,858)
Administrative revenue	18,335	13,716
Administrative expense	(190)	-
Biological expense	(45,431)	(96,133)
Total nonoperating revenues (expenses)	19,727	(89,275)
Change in net position	132,936	(126,294)
Net position, beginning of year	791,715	918,009
Net position, end of year	\$ 924,651	\$ 791,715

See accompanying notes to the basic financial statements.

Mojave Basin Area Watermaster**Statements of Cash Flows****For the Fiscal Year Ended June 30, 2023 (with comparative data for 2022)**

	2023	2022
Cash flows from operating activities:		
Cash receipts from customers and others	\$ 7,127,724	\$ 3,277,949
Cash paid to vendors and suppliers	(5,852,753)	(1,922,084)
Cash paid to employees for salaries and wages	(250,971)	(348,901)
Net cash provided by operating activities	1,024,000	1,006,964
Cash flows from investing activities:		
Investment earnings	43,169	(7,654)
Net cash provided (used) by investing activities	43,169	(7,654)
Net increase in cash and cash equivalents	1,067,169	999,310
Cash and investments, beginning of year	2,284,389	1,285,079
Cash and investments, end of year	\$ 3,351,558	\$ 2,284,389
Reconciliation to the Statement of Net Position:		
Restricted - cash and cash equivalents	\$ 3,351,558	\$ 2,284,389
Total cash and investments	\$ 3,351,558	\$ 2,284,389

(Continued on next page)

Mojave Basin Area Watermaster
Statements of Cash Flows, continued
For the Fiscal Year Ended June 30, 2023 (with comparative data for 2022)

	<u>2023</u>	<u>2022</u>
Reconciliation of operating income (loss) to net cash provided by operating activities		
Operating income (loss)	<u>\$ 113,209</u>	<u>\$ (37,019)</u>
Adjustments to reconcile operating income (loss) to net cash provided by operating activities:		
Nonoperating revenues	18,335	13,716
Nonoperating expenses	(45,621)	(96,133)
Changes in assets and liabilities:		
(Increase) Decrease in assets:		
Accounts receivable - Administrative assessments	159	(3,338)
Accounts receivable - Biological assessments	54	148
Accounts receivable - Replacement assessments	1,557,842	(2,885,554)
Accounts receivable - Make-up assessments	773	(2,368)
Increase (Decrease) in liabilities:		
Accounts payable - Administrative	(12,000)	(110,865)
Accounts payable - Biological	(50,702)	48,706
Accounts payable - Replacement	(552,074)	3,840,664
Accounts payable - Make-up	(7,253)	18,169
Due to Mojave Water Agency	<u>1,278</u>	<u>220,838</u>
Total adjustments	<u>910,791</u>	<u>1,043,983</u>
Net cash provided by operating activities	<u><u>\$ 1,024,000</u></u>	<u><u>\$ 1,006,964</u></u>
Noncash activities		
None		

See accompanying notes to the basic financial statements.

Note 1: Reporting Entity and Summary of Significant Accounting Policies

A. Organization and Operations of the Reporting Entity

The Mojave Water Agency (the 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 (the 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 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 the 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.

Note 1: Reporting Entity and Summary of Significant Accounting Policies, continued

D. Assets, Liabilities, and Net Position

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.

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.

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.

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.

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.

Note 1: Reporting Entity and Summary of Significant Accounting Policies, continued

D. Assets, Liabilities, and Net Position, continued

Net Position

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

- Net Investment in Capital Assets – 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.
- Restricted – This component of net position consists of constraints placed on net position use through external constraints imposed by creditors (such as through debt covenants), grantors, contributors, or laws or regulations of other governments or constraints imposed by law through constitutional provisions or enabling legislation.
- Unrestricted – This component of net position consists of net position that does not meet the definition of *restricted* net position or *net investment in capital assets*.

Net Position Flow Assumption

Sometimes the Watermaster will fund expenses for a particular purpose from both restricted (e.g., restricted bond or grant proceeds) and unrestricted resources. In order to calculate the amounts to report as restricted net position and unrestricted net position in the proprietary fund financial statements, a flow assumption must be made about the order in which the resources are considered to be applied. It is the Watermaster's policy to consider restricted net position to have been depleted before unrestricted net position is applied.

Note 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 \$1,000.
- Withdrawals of \$10,000,000 or more require 24 hours advance notice.
- Prior to funds transfer, an authorized person must call LAIF to do a verbal transaction.

Mojave Basin Area Watermaster
Notes to the Financial Statements
For the Fiscal Year Ended June 30, 2023 (with comparative data for 2022)

Note 2: Cash and Cash Equivalents, continued

Investment in the California Cooperative Liquid Assets Securities System

The Watermaster is a voluntary participant in the California Cooperative Liquid Assets Securities System (California CLASS). California CLASS is a joint exercise of powers entity authorized under Section 6509.7, California Government Code. California CLASS is a pooled investment option that was created via a joint exercise of powers agreement by and among California public agencies. The fair value of the Watermaster's investment in this pool is reported in the accompanying financial statements. There are no limitations on withdrawals. Same day transaction processing occurs for orders received before 11:00 a.m., and there are no minimum or maximum investment limitations.

Custodial Credit Risk

Custodial credit risk for *deposits* is the risk that, in the event of the failure of a depository financial institution, a government will not be able to recover its deposits or will not be able to recover collateral securities that are in the possession of an outside party. The California Government Code and the Watermaster's investment policy does not contain legal or policy requirements that would limit the exposure to custodial credit risk for deposits, other than the following provision for deposits:

The California Government Code requires that a financial institution secure deposits made by state or local governmental units by pledging securities in an undivided collateral pool held by a depository regulated under state law (unless so waived by the governmental unit). The market value of the pledged securities in the collateral pool must equal at least 110% of the total amount deposited by the public agencies. Of the bank balances, up to \$250,000 is federally insured and the remaining balance is collateralized in accordance with the Code; however, the collateralized securities are not held in the Watermaster's name.

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

	2023	2022
Restricted - cash and cash equivalents:		
Administrative	\$ 17,395	\$ -
Biological resources trust	814,968	782,596
Replacement water	2,499,407	1,475,780
Make-up water	19,788	26,013
	<u>\$ 3,351,558</u>	<u>\$ 2,284,389</u>

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

	2023	2022
Demand deposits with financial institutions	\$ 1,228,656	\$ 1,541,656
Local Agency Investment Fund (LAIF)	101,965	742,733
California Cooperative Liquid Assets Securities System (California CLASS)	2,020,937	-
Total cash and investments	<u>\$ 3,351,558</u>	<u>\$ 2,284,389</u>

Note 2: Cash and Cash Equivalents, continued

Custodial Credit Risk, continued

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

	<u>2023</u>	<u>2022</u>
Deposits held with California Local Agency Investment Fund (LAIF)	260 days	311 days
California Cooperative Liquid Assets Securities System (California CLASS)	≤ 60 days	Not applicable

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, external investment pools (such as California CLASS) 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. LAIF is not rated. California CLASS is rated by S&P Global Ratings; the current rating is 'AAAm'.

Concentration of Credit Risk

The investment policy of the Watermaster contains no limitations on the amount that can be invested in any one issuer beyond that stipulated by the California Government Code. At June 30, 2023 and 2022, the Watermaster did not hold any investments in any one issuer (other than external pools) that represent 5% or more of total Watermaster investments.

Mojave Basin Area Watermaster
Notes to the Financial Statements
For the Fiscal Year Ended June 30, 2023 (with comparative data for 2022)

Note 3: Net Position

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

	2023	2022
Restricted net position:		
Administrative	\$ (214,082)	\$ (289,388)
Biological resources trust	770,250	687,231
Replacement water	363,195	388,838
Make-up water	5,288	5,034
	<hr/>	<hr/>
Total restricted net position	<u>\$ 924,651</u>	<u>\$ 791,715</u>

The net position from prior years is now depleted and the Watermaster is looking to increase their rates to resolve the deficit balance for the administrative category.

Note 4: 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, 2023, 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.
- 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.

Note 4: Risk Management, continued

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, 2023, 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, 2023, 2022 and 2021. 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, 2023, 2022, and 2021, respectively.

Note 5: 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.

Report on Internal Control and Compliance



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**REPORT ON INTERNAL CONTROL OVER FINANCIAL REPORTING
AND ON COMPLIANCE AND OTHER MATTERS BASED ON AN
AUDIT OF FINANCIAL STATEMENTS PERFORMED IN ACCORDANCE
WITH GOVERNMENT AUDITING STANDARDS**

Independent Auditor's Report

PARTNERS

Terry P. Shea, CPA
Scott W. Manno, CPA, CGMA
Leena Shanbhag, CPA, MST, CGMA
Bradferd A. Welebir, CPA, MBA, CGMA
Jenny W. Liu, CPA, MST
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Brianna Schultz, CPA, CGMA
Brenda L. Odle, CPA, MST (Partner Emeritus)

Board of Directors
Mojave Basin Area Watermaster
Apple Valley, California

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the Mojave Basin Area Watermaster (the Watermaster) as of and for the year ended June 30, 2023, and the related notes to the financial statements, which collectively comprise the Watermaster's basic financial statements, and have issued our report thereon dated October 26, 2023.

MANAGERS / STAFF

Seong-Hyea Lee, CPA, MBA
Evelyn Morentin-Barcena, CPA
Veronica Hernandez, CPA
Laura Arvizu, CPA
John Maldonado, CPA, MSA
Julia Rodriguez Fuentes, CPA, MSA
Demi Hite, CPA
Jeffrey McKennan, CPA

Report on Internal Control over Financial Reporting

In planning and performing our audit of the financial statements, we considered the Watermaster's internal control over financial reporting (internal control) as a basis for designing 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 audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

MEMBERS

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Quality Center*

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Certified Public Accountants



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Report on 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 financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit and, accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

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

Rogers, Anderson, Malody & Scott, LLP.

San Bernardino, California
October 26, 2023

APPENDIX H

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24

AND PROPOSED FREE PRODUCTION ALLOWANCE

FOR WATER YEAR 2024-25

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FEBRUARY 28, 2024

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 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	117	107	55%	224	97	50%
ABSHIRE, DAVID V.	24	0	14	55%	14	12	50%
AHN REVOCABLE LIVING TRUST	0	0	0	55%	0	0	50%
AHN REVOCABLE TRUST	28	17	16	55%	33	14	50%
AHN, CHUN SOO AND DAVID	400	240	220	55%	460	200	50%
AMERICA UNITED DEVELOPMENT, LLC	500	300	275	55%	575	250	50%
ANDERSON, ROSS C. AND BETTY J.	34	21	19	55%	40	17	50%
AVILA, ANGEL AND EVALIA	573	344	316	55%	660	287	50%
BAR H MUTUAL WATER COMPANY	53	32	30	55%	62	27	50%
BELL, CHARLES H. TRUST DATED MARCH 7, 2014	494	297	272	55%	569	247	50%
CASA COLINA FOUNDATION	90	54	50	55%	104	45	50%
CENTER WATER COMPANY	40	24	22	55%	46	20	50%
CHUNG, ET AL.	0	0	0	55%	0	0	50%
CLUB VIEW PARTNERS	1,276	766	702	55%	1,468	638	50%
CROSS, SHARON I.	23	14	13	55%	27	12	50%
CROWN CAMBRIA, LLC	90	54	50	55%	104	45	50%
DACOSTA, DEAN EDWARD	56	34	31	55%	65	28	50%
DAHLQUIST, GEORGE R.	324	195	179	55%	374	162	50%
DESERT DAWN MUTUAL WATER COMPANY	15	0	9	55%	9	8	50%
DESERT GIRLZ LLC	299	180	165	55%	345	150	50%
DESERT SPRINGS MUTUAL WATER COMPANY	78	47	43	55%	90	39	50%
DOUGLAS, TINA	50	30	28	55%	58	25	50%
GABRYCH, EUGENE	2,201	1,321	1,211	55%	2,532	1,101	50%
GAETA, MIGUEL AND MARIA	1,500	900	825	55%	1,725	750	50%
GAETA, TRINIDAD	512	308	282	55%	590	256	50%
GARDENA MISSION CHURCH, INC.	0	0	0	55%	0	0	50%
GAYJIKIAN, SAMUEL AND HAZEL	102	62	57	55%	119	51	50%
GOLDEN STATE WATER COMPANY	178	82	98	55%	180	89	50%

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
GORDON ACRES WATER COMPANY	54	32	30	55%	62	27	50%
GUBLER, HANS	30	18	17	55%	35	15	50%
HARVEY, LISA M.	300	180	165	55%	345	150	50%
HI-GRADE MATERIALS COMPANY	442	266	244	55%	510	221	50%
HITCHIN LUCERNE, INC.	16	10	9	55%	19	8	50%
JONES TRUST DATED MARCH 16, 2002	66	40	37	55%	77	33	50%
JUBILEE MUTUAL WATER COMPANY	142	0	79	55%	79	71	50%
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	23	21	55%	44	19	50%
KIM, JU SANG	30	18	17	55%	35	15	50%
LEE, ANNA K. AND ESHBAN K.	33	20	19	55%	39	17	50%
LEE, DOO HWAN	78	47	43	55%	90	39	50%
LOPEZ, BALTAZAR	385	231	212	55%	443	193	50%
LUA, MICHAEL T. AND DONNA S.	348	209	192	55%	401	174	50%
LUCERNE VALLEY MUTUAL WATER COMPANY	54	33	30	55%	63	27	50%
LUCERNE VALLEY PARTNERS	1,213	728	668	55%	1,396	607	50%
LUCERNE VALLEY UNIFIED SCHOOL DISTRICT	200	120	110	55%	230	100	50%
LUCERNE VISTA MUTUAL WATER COMPANY	21	3	12	55%	15	11	50%
M.B. LANDSCAPING AND NURSERY, INC.	1,773	737	976	55%	1,713	887	50%
MITSUBISHI CEMENT CORPORATION	1,395	837	768	55%	1,605	698	50%
MONACO INVESTMENT COMPANY	70	42	39	55%	81	35	50%
MOSS, LAWRENCE W. AND HELEN J.	43	24	24	55%	48	22	50%
NORRIS TRUST, MARY ANN	73	44	41	55%	85	37	50%
OASIS WORLD MISSION	0	0	0	55%	0	0	50%
OMYA CALIFORNIA, INC.	23	0	13	55%	13	12	50%
PAK, KAE SOO AND MYONG HUI KANG	247	149	136	55%	285	124	50%
PETTIGREW, DAN	22	14	13	55%	27	11	50%
REED, MIKE	58	35	32	55%	67	29	50%
RHEE, ANDREW N.	70	42	39	55%	81	35	50%

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FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
(ALL AMOUNTS IN ACRE-FEET)

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
ROBERTSON'S READY MIX	0	0	0	55%	0	0	50%
ROYAL WAY	200	120	110	55%	230	100	50%
S AND E 786 ENTERPRISES, LLC	597	359	329	55%	688	299	50%
SABA FAMILY TRUST DATED JULY 24, 2018	1,120	672	616	55%	1,288	560	50%
SAN BERNARDINO COUNTY SERVICE AREA 29	40	0	22	55%	22	20	50%
SON'S RANCH	140	84	77	55%	161	70	50%
SPECIALTY MINERALS, INC.	52	0	29	55%	29	26	50%
SPILLMAN, JAMES R. AND NANCY J.	23	14	13	55%	27	12	50%
WEST END MUTUAL WATER COMPANY	30	14	17	55%	31	15	50%
WILSHIRE ROAD PARTNERS	692	416	381	55%	797	346	50%
TOTAL	19,251	11,020	10,614		21,634	9,635	

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FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
(ALL AMOUNTS IN ACRE-FEET)

OESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 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	363	330	50%	693	330	50%
CHAMISAL MUTUAL WATER COMPANY	96	53	48	50%	101	48	50%
HANDRINOS, NICOLE A.	7	4	4	50%	8	4	50%
HETTINGA REVOCABLE TRUST	1,302	717	651	50%	1,368	651	50%
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 3)	4,680	2,574	2,340	50%	4,914	2,340	50%
TROEGER FAMILY TRUST, RICHARD H.	112	62	56	50%	118	56	50%
TOTAL	6,857	3,773	3,429		7,202	3,429	

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 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	5,182	0	2,612	50.4%	2,612	2,763	53.3%
ADES, JOHN AND DEVON	37	19	19	50.4%	38	20	53.3%
AGCON, INC.	384	0	194	50.4%	194	205	53.3%
AMERICAN STATES WATER COMPANY	1,000	545	504	50.4%	1,049	533	53.3%
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	39	85	50.4%	124	90	53.3%
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	0	63	50.4%	63	67	53.3%
APPLE VALLEY UNIFIED SCHOOL DISTRICT	0	0	0	50.4%	0	0	53.3%
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	0	19	50.4%	19	20	53.3%
APPLE VALLEY, TOWN OF	1,082	542	546	50.4%	1,088	577	53.3%
BASS TRUST, NEWTON T.	514	278	260	50.4%	538	274	53.3%
BASTIANON REVOCABLE TRUST	77	41	39	50.4%	80	42	53.3%
BEINSCHROTH FAMILY TRUST	275	141	139	50.4%	280	147	53.3%
BEINSCHROTH, ANDY ERIC	250	136	126	50.4%	262	134	53.3%
BOX, GEARY S. AND LAURA (FORMERLY: PEARSON, DERYL B.)	22	10	12	50.4%	22	12	53.3%
BROWN FAMILY TRUST DATED AUGUST 11, 1999	42	22	22	50.4%	44	23	53.3%
BROWN, JENNIFER	41	21	21	50.4%	42	22	53.3%
BRUNEAU, KAREN	10	4	6	50.4%	10	6	53.3%
BRYANT, IAN	29	16	15	50.4%	31	16	53.3%
BUNNELL, DICK	24	12	13	50.4%	25	13	53.3%
CALMAT COMPANY	25	10	13	50.4%	23	14	53.3%
CALPORTLAND COMPANY - AGRICULTURE	643	350	325	50.4%	675	343	53.3%
CALPORTLAND COMPANY - ORO GRANDE PLANT	2,809	601	1,416	50.4%	2,017	1,498	53.3%
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	0	1,062	50.4%	1,062	1,124	53.3%
CDFW - MOJAVE RIVER FISH HATCHERY	20	0	11	50.4%	11	11	53.3%
CEMEX, INC.	1,499	0	756	50.4%	756	799	53.3%
DLW REVOCABLE TRUST	70	39	36	50.4%	75	38	53.3%
DOLCH LIVING TRUST ROBERT AND JUDITH	90	49	46	50.4%	95	48	53.3%

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AND
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(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 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	9	8	50.4%	17	8	53.3%
EAST DESERT LAND COMPANY, LLC	0						
EVENSON, EDWIN H. AND JOYCELAINE C.	70	39	36	50.4%	75	38	53.3%
FEDERAL BUREAU OF PRISONS, VICTORVILLE	686	0	346	50.4%	346	366	53.3%
FINCH, JENIFER	30	17	16	50.4%	33	16	53.3%
FISCHER REVOCABLE LIVING TRUST	36	19	19	50.4%	38	20	53.3%
FISHER TRUST, JEROME R.	633	345	320	50.4%	665	338	53.3%
FITZWATER, R. E. (SEE NOTE 4)	291						
GOLDEN STATE WATER COMPANY	940	0	474	50.4%	474	502	53.3%
GREEN ACRES ESTATES	25	14	13	50.4%	27	14	53.3%
GULBRANSON, MERLIN	5	3	3	50.4%	6	3	53.3%
HAAS, BRYAN C. AND HINKLE, MARY H.	9	5	5	50.4%	10	5	53.3%
HALANNA EQUITIES III	19	7	10	50.4%	17	11	53.3%
HAMILTON FAMILY TRUST	108	40	55	50.4%	95	58	53.3%
HELENDALE COMMUNITY SERVICES DISTRICT	4,157	802	2,096	50.4%	2,898	2,216	53.3%
HELENDALE SCHOOL DISTRICT	18	10	10	50.4%	20	10	53.3%
HESPERIA - GOLF COURSE, CITY OF	678	81	342	50.4%	423	362	53.3%
HESPERIA VENTURE I, LLC	0	0	0	50.4%	0	0	53.3%
HESPERIA WATER DISTRICT	14,531	0	7,324	50.4%	7,324	7,746	53.3%
HESPERIA, CITY OF	6,736	3,665	3,395	50.4%	7,060	3,591	53.3%
HI-GRADE MATERIALS COMPANY	149	56	76	50.4%	132	80	53.3%
HOLWAY JEFFREY R AND PATRICIA GAGE	8	5	5	50.4%	10	5	53.3%
HOLWAY, JEFFREY R	11	6	6	50.4%	12	6	53.3%
HOLY HEAVENLY LAKE, LLC	6	4	4	50.4%	8	4	53.3%
HUNT, CONNIE	66	36	34	50.4%	70	36	53.3%
JAMBOREE HOUSING CORPORATION	0	0	0	50.4%	0	0	53.3%
JESS RANCH WATER COMPANY	7,230	3,176	3,644	50.4%	6,820	3,854	53.3%

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
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(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
JOHNSON, CARLEAN	23	1	12	50.4%	13	13	53.3%
JOHNSON, PAUL - INDUSTRIAL	0	0	0	50.4%	0	0	53.3%
JOHNSON, RONALD	31	17	16	50.4%	33	17	53.3%
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	65	65	50.4%	130	68	53.3%
KANESAKA, KENJI AND YUKARI	0	0	0	50.4%	0	0	53.3%
KEMPER CAMPBELL RANCH	473	206	239	50.4%	445	253	53.3%
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	358	332	50.4%	690	351	53.3%
LANGLEY, JAMES	5	3	3	50.4%	6	3	53.3%
LANGLEY, JAMES - INDUSTRIAL	0	0	0	50.4%	0	0	53.3%
LAWSON, ERNEST AND BARBARA	15	8	8	50.4%	16	8	53.3%
LENHERT, RONALD AND TONI	37	21	19	50.4%	40	20	53.3%
LHC ALLIGATOR, LLC	498	271	251	50.4%	522	266	53.3%
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	13,610	0	6,860	50.4%	6,860	7,255	53.3%
LOW, DEAN	199	109	101	50.4%	210	107	53.3%
MARIANA RANCHOS COUNTY WATER DISTRICT	280	0	142	50.4%	142	150	53.3%
MCKINNEY, PAULA	33	18	17	50.4%	35	18	53.3%
MLH, LLC	13	6	7	50.4%	13	7	53.3%
MOJAVE DESERT LAND TRUST	40	22	21	50.4%	43	22	53.3%
MOJAVE WATER AGENCY	0	0	0	50.4%	0	0	53.3%
NAVAJO MUTUAL WATER COMPANY	88	29	45	50.4%	74	47	53.3%
NUÑEZ, LUIS SEGUNDO	0	0	0	50.4%	0	0	53.3%
NUNN FAMILY TRUST	36	19	19	50.4%	38	20	53.3%
ORO GRANDE SCHOOL DISTRICT	107	0	54	50.4%	54	58	53.3%
PAUSTELL, JOAN BEINSCHROTH	142	78	72	50.4%	150	76	53.3%
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	194	179	50.4%	373	190	53.3%
POLICH, DONNA	65	36	33	50.4%	69	35	53.3%
RANCHERITOS MUTUAL WATER COMPANY	169	12	86	50.4%	98	91	53.3%
RIM PROPERTIES, A GENERAL PARTNERSHIP	9	5	5	50.4%	10	5	53.3%

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
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(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
ROBERTSON'S READY MIX (FORMERLY: SERVICE ROCK PRODUCTS CORPORATION)	20	11	11	50.4%	22	11	53.3%
RUE RANCH, INC.	30	16	16	50.4%	32	16	53.3%
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTER	0	0	0	50.4%	0	0	53.3%
SAN BERNARDINO COUNTY SERVICE AREA 42	465	204	235	50.4%	439	248	53.3%
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	0	1,927	50.4%	1,927	2,038	53.3%
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	0	512	50.4%	512	541	53.3%
SCRAY, MICHELLE A. TRUST	15	8	8	50.4%	16	8	53.3%
SHEEP CREEK WATER COMPANY	0	0	0	50.4%	0	0	53.3%
SILVER LAKES ASSOCIATION	4,987	0	2,514	50.4%	2,514	2,659	53.3%
SNOWBALL DEVELOPMENT, INC.	0	0	0	50.4%	0	0	53.3%
SPRING VALLEY LAKE ASSOCIATION	3,768	0	1,900	50.4%	1,900	2,009	53.3%
SPRING VALLEY LAKE COUNTRY CLUB	977	51	493	50.4%	544	521	53.3%
STORM, RANDALL	62	34	32	50.4%	66	34	53.3%
SUDMEIER, GLENN W.	20	10	11	50.4%	21	11	53.3%
SUMMIT VALLEY RANCH, LLC	57	13	29	50.4%	42	31	53.3%
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	226	211	50.4%	437	223	53.3%
THOMPSON LIVING TRUST, R.L. AND R.A.	2	2	2	50.4%	4	2	53.3%
THRASHER, GARY	373	202	188	50.4%	390	199	53.3%
THUNDERBIRD COUNTY WATER DISTRICT	126	0	64	50.4%	64	68	53.3%
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	26	15	14	50.4%	29	14	53.3%
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	0	121	50.4%	121	128	53.3%
VICTOR VALLEY MEMORIAL PARK	0	0	0	50.4%	0	0	53.3%
VICTORVILLE WATER DISTRICT, ID#1	23,380	0	11,784	50.4%	11,784	12,462	53.3%
VICTORVILLE WATER DISTRICT, ID#2	2,932	0	1,478	50.4%	1,478	1,563	53.3%
VOGLER, ALBERT H.	62	34	32	50.4%	66	34	53.3%
WAGNER LIVING TRUST	1,224	666	617	50.4%	1,283	653	53.3%
WAKULA FAMILY TRUST	11	5	6	50.4%	11	6	53.3%

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FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
(ALL AMOUNTS IN ACRE-FEET)

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
WARD, BARBARA	65	24	33	50.4%	57	35	53.3%
WEST, HOWARD AND SUZY	72	40	37	50.4%	77	39	53.3%
WEST, JIMMIE E.	10	5	6	50.4%	11	6	53.3%
WESTERN WATER COMPANY	15	9	8	50.4%	17	8	53.3%
WESTLAND INDUSTRIES, INC.	54	30	28	50.4%	58	29	53.3%
WIENER, MELVIN AND MARIAM S.	30	17	16	50.4%	33	16	53.3%
TOTAL	114,308	14,314	57,520		71,834	60,820	

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
(ALL AMOUNTS IN ACRE-FEET)**

CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 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	18	16	55%	34	18	60%
BAR-LEN MUTUAL WATER COMPANY	48	29	27	55%	56	29	60%
BARSTOW COMMUNITY DEVELOPERS, LLC	0	0	0	55%	0	0	60%
BEST, BYRON L.	21	13	12	55%	25	13	60%
BNSF RAILWAY COMPANY (FORMERLY: ATCHISON TOPEKA AND SANTA FE RAIL WAY	1,585	898	872	55%	1,770	951	60%
BROMMER HOUSE TRUST	361	179	199	55%	378	217	60%
CALMAT COMPANY	0	0	0	55%	0	0	60%
CHOI, YONG IL AND JOUNG AE	38	23	21	55%	44	23	60%
CHONG, JOAN	10	0	6	55%	6	6	60%
CHRISTISON, JOEL	75	45	42	55%	87	45	60%
CONTRATTO, ERSULA	151	91	84	55%	175	91	60%
DARR, JAMES S.	408	245	225	55%	470	245	60%
DE VRIES REVOCABLE TRUST 12-10-2015 (SEE NOTE 4)	260						
DE VRIES, NEIL AND MARY FAMILY TRUST	0	0	0	55%	0	0	60%
DORRANCE, DAVID W. AND TAMELA L.	19	1	11	55%	12	12	60%
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE	30	18	17	55%	35	18	60%
FOURFREE USA, INC.	42	26	24	55%	50	26	60%
FRATES, D. COLE	13	8	8	55%	16	8	60%
FRIEND, JOSEPH AND DEBORAH	60	36	33	55%	69	36	60%
GABRYCH, EUGENE	132	0	73	55%	73	80	60%
GOLDEN STATE WATER COMPANY	14,407	8,645	7,924	55%	16,569	8,645	60%
GRILL, NICHOLAS P. AND MILLIE D.	0	0	0	55%	0	0	60%
GUTIERREZ, JOSE AND GLORIA	130	78	72	55%	150	78	60%
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	8	84	55%	92	92	60%
HARMSSEN FAMILY TRUST	722	434	398	55%	832	434	60%
HASKINS, JAMES J.	30	0	17	55%	17	18	60%
HELENDALE COMMUNITY SERVICES DISTRICT	327	104	180	55%	284	197	60%

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
(ALL AMOUNTS IN ACRE-FEET)**

CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 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	17	15	55%	32	17	60%
HI DESERT MUTUAL WATER COMPANY	34	21	19	55%	40	21	60%
HIGH DESERT ASSOCIATES, INC.	513	308	283	55%	591	308	60%
HI-GRADE MATERIALS COMPANY	0	0	0	55%	0	0	60%
HILL FAMILY TRUST AND HILL'S RANCH, INC.	2,335	1,401	1,285	55%	2,686	1,401	60%
HUERTA, HECTOR	656	394	361	55%	755	394	60%
JONES, JOETTE	22	14	13	55%	27	14	60%
JORDAN FAMILY TRUST	460	272	253	55%	525	276	60%
KASNER FAMILY LIMITED PARTNERSHIP	421	253	232	55%	485	253	60%
KIM, JIN S. AND HYUN H.	190	114	105	55%	219	114	60%
LEE, ET AL., SEPOONG AND WOO POONG	77	47	43	55%	90	47	60%
LEYERLY, GENEVA (SEE NOTE 4)	65						
LOCKHART LAND HOLDING, LLC	1,433	860	789	55%	1,649	860	60%
MCCOLLUM, CHARLES L.	115	69	64	55%	133	69	60%
MEAD FAMILY TRUST	115	69	64	55%	133	69	60%
MOJAVE SOLAR, LLC	5,239	3,144	2,882	55%	6,026	3,144	60%
MOST FAMILY TRUST	56	34	31	55%	65	34	60%
ODESSA WATER DISTRICT	299	180	165	55%	345	180	60%
OHAI, REYNOLDS AND DOROTHY	137	83	76	55%	159	83	60%
OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K.	722	434	398	55%	832	434	60%
PACIFIC GAS AND ELECTRIC COMPANY	6,580	3,948	3,619	55%	7,567	3,948	60%
REIDO FARMS, LLC (FORMERLY: EYGNOR, ROBERT E.)	50	30	28	55%	58	30	60%
RIOS, MARIANO V.	8	5	5	55%	10	5	60%
RIVERO, FIDEL V.	20	12	11	55%	23	12	60%
ROBERTSON'S READY MIX (FORMERLY: SERVICE ROCK PRODUCTS CORPORATION)	766	460	422	55%	882	460	60%
RUISCH TRUST, DALE W. AND NELLIE H.	650	55	358	55%	413	390	60%

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AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
(ALL AMOUNTS IN ACRE-FEET)**

CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
RUISCH, ET AL. (SEE NOTE 4)	862						
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	1	128	55%	129	140	60%
SYNAGRO-WWT, INC. (DBA NURSURY PRODUCTS, LLC) (FORMERLY: NURSURY PRODUCTS, LLC)	0	0	0	55%	0	0	60%
TALLAKSON FAMILY REVOCABLE TRUST	17	11	10	55%	21	11	60%
VERNOLA TRUST, PAT AND MARY ANN	3,116	1,870	1,714	55%	3,584	1,870	60%
VICTORVILLE WATER DISTRICT, ID#1	5,164	3,099	2,841	55%	5,940	3,099	60%
WERNER, ANDREW J.	18	1	10	55%	11	11	60%
WESTERN DEVELOPMENT AND STORAGE, LLC	6	4	4	55%	8	4	60%
WITHEY, CONNIE	22	14	13	55%	27	14	60%
TOTAL	49,477	28,123	26,586		54,709	28,994	

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
AND
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(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 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	0	5	20.5%	5	5	20.5%
AHN, CHUN SOO AND WHA JA	50	11	11	20.5%	22	11	20.5%
AKE, CHARLES J. AND MARJORIE M.	23	5	5	20.5%	10	5	20.5%
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	6	6	20.5%	12	6	20.5%
BARBER, JAMES B.	167	35	35	20.5%	70	35	20.5%
BARON, SUSAN AND PALMER, CURTIS	26	6	6	20.5%	12	6	20.5%
BNSF RAILWAY COMPANY (FORMERLY: ATCHISON TOPEKA AND SANTA FE RAIL WAY	80	15	17	20.5%	32	17	20.5%
BORJA, LEONIL T. AND TITAL L.	20	5	5	20.5%	10	5	20.5%
BREDELIS, RONALD C. AND JEAN	64	3	14	20.5%	17	14	20.5%
BUBIER, DIANE GAIL (FORMERLY: SHORT, CHARLES H REVOCABLE TRUST)	54	0	12	20.5%	12	12	20.5%
BUDGET FINANCE COMPANY	32	7	7	20.5%	14	7	20.5%
BUSH, KEVIN	0	0	0	20.5%	0	0	20.5%
CALICO LAKES HOMEOWNERS ASSOCIATION	1,296	260	266	20.5%	526	266	20.5%
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	15	15	20.5%	30	15	20.5%
CALMAT COMPANY	0	0	0	20.5%	0	0	20.5%
CAMANGA, TONY AND MARIETTA	47	10	10	20.5%	20	10	20.5%
CAMPBELL, M. A. AND DIANNE	22	5	5	20.5%	10	5	20.5%
CARLTON, SUSAN	155	32	32	20.5%	64	32	20.5%
CDFW - CAMP CADY	921	134	189	20.5%	323	189	20.5%
CHEYENNE LAKE, INC.	665	94	137	20.5%	231	137	20.5%
CLARK, ARTHUR	50	11	11	20.5%	22	11	20.5%
CONNER, WILLIAM H.	25	6	6	20.5%	12	6	20.5%
CORBRIDGE, LINDA S.	32	7	7	20.5%	14	7	20.5%
CROSS, FRANCIS AND BEVERLY	40	9	9	20.5%	18	9	20.5%
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	844	0	174	20.5%	174	174	20.5%
DAGGETT COMMUNITY SERVICES DISTRICT	504	0	104	20.5%	104	104	20.5%
DAGGETT LAND HOLDINGS LLC	0	37	0	20.5%	37	0	20.5%

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(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
DAGGETT RANCH, LLC	76	4	16	20.5%	20	16	20.5%
DAGGETT SOLAR POWER 3 LLC	179	0	37	20.5%	37	37	20.5%
DE JONG FAMILY TRUST	3,131	456	642	20.5%	1,098	642	20.5%
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	6	6	20.5%	12	6	20.5%
DONALDSON, JERRY AND BEVERLY	90	19	19	20.5%	38	19	20.5%
DOWELL, LEONARD	23	5	5	20.5%	10	5	20.5%
EVERT FAMILY TRUST	173	36	36	20.5%	72	36	20.5%
FEJFAR, MONICA KAY	20	5	5	20.5%	10	5	20.5%
FERNANDEZ, ARTURO	76	16	16	20.5%	32	16	20.5%
FERRO, DENNIS AND NORMA	32	7	7	20.5%	14	7	20.5%
FIRST CPA LLC	57	12	12	20.5%	24	12	20.5%
FOOTHILL ESTATES MHP, LLC	54	3	12	20.5%	15	12	20.5%
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	77	88	20.5%	165	88	20.5%
GABRYCH, EUGENE	1,637	0	336	20.5%	336	336	20.5%
GARCIA, DANIEL	23	5	5	20.5%	10	5	20.5%
GARG, OM P.	483	100	100	20.5%	200	100	20.5%
GENON CALIFORNIA SOUTH, LP	0	250	0	20.5%	250	0	20.5%
GRAY, GEORGE F. AND BETTY E.	94	20	20	20.5%	40	20	20.5%
GREEN HAY PACKERS LLC (FORMERLY: CLARK, GARY AND BETH A.)	0	0	0	20.5%	0	0	20.5%
HACKBARTH, EDWARD E.	1,553	228	319	20.5%	547	319	20.5%
HANG, PHU QUANG (FORMERLY: LANGLEY REVOCABLE TRUST AND SHARON LANGLEY)	20	5	5	20.5%	10	5	20.5%
HANSON AGGREGATES WRP, INC.	31	7	7	20.5%	14	7	20.5%
HARESON, NICHOLAS AND MARY	8	2	2	20.5%	4	2	20.5%
HARTER, JOE AND SUE	5,134	1,053	1,053	20.5%	2,106	1,053	20.5%
HASS, PAULINE L.	35	7	8	20.5%	15	8	20.5%
HENDLEY, RICK AND BARBARA	48	7	10	20.5%	17	10	20.5%
HIETT, HARRY L.	29	6	6	20.5%	12	6	20.5%

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BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 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	62	63	20.5%	125	63	20.5%
HO, TING-SENG AND AH-GIT	300	62	62	20.5%	124	62	20.5%
HOLLISTER, ROBERT H. AND RUTH M.	44	10	10	20.5%	20	10	20.5%
HONG, PAUL B. AND MAY	85	18	18	20.5%	36	18	20.5%
HOOD FAMILY TRUST	41	8	9	20.5%	17	9	20.5%
HORTON FAMILY TRUST	441	2	91	20.5%	93	91	20.5%
HU, MINSHENG	43	9	9	20.5%	18	9	20.5%
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	6	6	20.5%	12	6	20.5%
HUNT, RALPH M. AND LILLIAN F.	51	11	11	20.5%	22	11	20.5%
HYATT, JAMES AND BRENDA	210	34	44	20.5%	78	44	20.5%
IM, NICHOLAS NAK-KYUN	397	82	82	20.5%	164	82	20.5%
IRVIN, BERTRAND W.	29	5	6	20.5%	11	6	20.5%
JACKS, JAMES F.	10	3	3	20.5%	6	3	20.5%
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	12	12	20.5%	24	12	20.5%
JACKSON, RAY REVOCABLE TRUST NO. 45801	1	1	1	20.5%	2	1	20.5%
KARIMI, HOOSHANG	70	15	15	20.5%	30	15	20.5%
KASNER FAMILY LIMITED PARTNERSHIP	843	173	173	20.5%	346	173	20.5%
KASNER, ROBERT	5,613	1,151	1,151	20.5%	2,302	1,151	20.5%
KATCHER, AUGUST M. AND MARCELINE	23	5	5	20.5%	10	5	20.5%
KEMP, ROBERT AND ROSE	32	7	7	20.5%	14	7	20.5%
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	157	157	20.5%	314	157	20.5%
KIM, SEON JA	50	11	11	20.5%	22	11	20.5%
KOERING, RICHARD AND KOERING, DONNA	20	5	5	20.5%	10	5	20.5%
LAKE JODIE PROPERTY OWNERS ASSOCIATION	454	0	94	20.5%	94	94	20.5%
LAKE WAIKIKI	98	21	21	20.5%	42	21	20.5%
LAKE WAINANI OWNERS ASSOCIATION	1,925	400	395	20.5%	795	395	20.5%
LAM, PHILLIP	105	22	22	20.5%	44	22	20.5%
LAVANH, ET AL.	24	5	5	20.5%	10	5	20.5%

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BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
LAWRENCE, WILLIAM W.	45	10	10	20.5%	20	10	20.5%
LEE, VIN JANG T.	630	130	130	20.5%	260	130	20.5%
LEM, HOY	32	7	7	20.5%	14	7	20.5%
LIANG, YUAN - I AND TZU - MEI CHEN	200	41	41	20.5%	82	41	20.5%
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	453	93	93	20.5%	186	93	20.5%
LIN, KUAN JUNG AND CHUNG, DER-BING	451	0	93	20.5%	93	93	20.5%
LO, ET AL.	59	0	13	20.5%	13	13	20.5%
M BIRD CONSTRUCTION	41	9	9	20.5%	18	9	20.5%
MAHJOUBI, AFSAR S.	63	13	13	20.5%	26	13	20.5%
MANNING, SHARON S.	63	13	13	20.5%	26	13	20.5%
MARCROFT, JAMES A. AND JOAN	38	8	8	20.5%	16	8	20.5%
MARSHALL, CHARLES	20	5	5	20.5%	10	5	20.5%
MARTIN, MICHAEL D. AND ARLENE D.	63	2	13	20.5%	15	13	20.5%
MILBRAT, IRVING H.	73	3	15	20.5%	18	15	20.5%
MILLER LIVING TRUST	18	4	4	20.5%	8	4	20.5%
MIZRAHIE, ET AL.	145	30	30	20.5%	60	30	20.5%
MOJAVE WATER AGENCY	7,194	1,225	1,475	20.5%	2,700	1,475	20.5%
MORRIS TRUST, JULIA V.	304	62	63	20.5%	125	63	20.5%
MULLIGAN, ROBERT AND INEZ	35	8	8	20.5%	16	8	20.5%
MURPHY, JEAN	24	5	5	20.5%	10	5	20.5%
MUSIC, ZAJO	15	0	4	20.5%	4	4	20.5%
NEW SPRINGS LIMITED PARTNERSHIP	2,329	478	478	20.5%	956	478	20.5%
NEWBERRY COMMUNITY SERVICES DISTRICT	23	5	5	20.5%	10	5	20.5%
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	1	4	1	20.5%	5	1	20.5%
NSSLC, INC.	109	23	23	20.5%	46	23	20.5%
O. F. D. L., INC.	443	91	91	20.5%	182	91	20.5%
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	137	137	20.5%	274	137	20.5%
PATINO, JOSÉ	22	5	5	20.5%	10	5	20.5%

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BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
PEARCE, CRAIG L.	150	2	31	20.5%	33	31	20.5%
PERKO, BERT K.	132	28	28	20.5%	56	28	20.5%
POLAND, JOHN R. AND KATHLEEN A.	92	19	19	20.5%	38	19	20.5%
PORTER, TIMOTHY M.	30	7	7	20.5%	14	7	20.5%
PRECISION INVESTMENTS SERVICES, LLC	845	166	174	20.5%	340	174	20.5%
PRICE, DONALD AND RUTH	42	9	9	20.5%	18	9	20.5%
PRUETT, ANDREA	36	8	8	20.5%	16	8	20.5%
QUAKENBUSH, SAMUEL R. (FORMERLY: SMITH, WILLIAM E. AND PATRICIA A.)	19	4	4	20.5%	8	4	20.5%
QUIROS, FRANCISCO J. AND HERRMANN, RONALD	38	8	8	20.5%	16	8	20.5%
RICE, HENRY C. AND DIANA	24	5	5	20.5%	10	5	20.5%
RIZVI, S.R ALI	27	6	6	20.5%	12	6	20.5%
ROBERTSON'S READY MIX (FORMERLY: SERVICE ROCK PRODUCTS CORPORATION)	0	0	0	20.5%	0	0	20.5%
ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI S AND B BROTHERS, LLC	614	126	126	20.5%	252	126	20.5%
SAGABEAN-BARKER, KANOELOKELANI L.	221	46	46	20.5%	92	46	20.5%
SAMRA, JAGTAR S.	34	0	7	20.5%	7	7	20.5%
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	30	7	7	20.5%	14	7	20.5%
SHENG, JEN	168	35	35	20.5%	70	35	20.5%
SHEPPARD, THOMAS AND GLORIA	33	7	7	20.5%	14	7	20.5%
SHORT, JEROME E.	217	45	45	20.5%	90	45	20.5%
SINGH, ET AL.	30	7	7	20.5%	14	7	20.5%
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	31	7	7	20.5%	14	7	20.5%
SMITH, PORTER AND ANITA	0	0	0	20.5%	0	0	20.5%
SOUTHERN CALIFORNIA EDISON COMPANY	25	6	6	20.5%	12	6	20.5%
SOUTHERN CALIFORNIA GAS COMPANY	600	123	123	20.5%	246	123	20.5%
SPERRY, WESLEY	98	11	21	20.5%	32	21	20.5%
ST. ANTONY COPTIC ORTHODOX MONASTERY	4	1	1	20.5%	2	1	20.5%
	130	0	27	20.5%	27	27	20.5%

APPENDIX H

FEBRUARY 28, 2024

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
STARKE, GEORGE A. AND JAYNE E.	23	5	5	20.5%	10	5	20.5%
SUNDOWN LAKES, INC.	523	0	108	20.5%	108	108	20.5%
SUNRAY LAND COMPANY, LLC	63	13	13	20.5%	26	13	20.5%
SZYNKOWSKI, RUTH J.	29	6	6	20.5%	12	6	20.5%
TAPIE, RAYMOND L.	18	4	4	20.5%	8	4	20.5%
TEISAN, JERRY	96	20	20	20.5%	40	20	20.5%
THAYER, SHARON	97	11	20	20.5%	31	20	20.5%
THOMAS, STEPHEN AND LORI	49	11	11	20.5%	22	11	20.5%
TRIPLE H PARTNERSHIP	218	0	45	20.5%	45	45	20.5%
TURNER, TERRY	30	7	7	20.5%	14	7	20.5%
UNION PACIFIC RAILROAD COMPANY	249	29	52	20.5%	81	52	20.5%
UPPAL, GAGAN (FORMERLY: ITALMOOD INC., ET AL.)	190	39	39	20.5%	78	39	20.5%
VAAGE, GAGE V. (FORMERLY: KOSHAREK, NANCY)	54	12	12	20.5%	24	12	20.5%
VACA, ANDY AND TERESITA S.	20	5	5	20.5%	10	5	20.5%
VAN BASTELAAR, ALPHONSE	78	10	16	20.5%	26	16	20.5%
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	8,128	977	1,667	20.5%	2,644	1,667	20.5%
VAN LEEUWEN TRUST, JOHN A. AND IETIE	2,018	377	414	20.5%	791	414	20.5%
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,613	331	331	20.5%	662	331	20.5%
WANG, STEVEN	10	3	3	20.5%	6	3	20.5%
WARD, RAYMOND	105	0	22	20.5%	22	22	20.5%
WEEMS, LIZZIE	53	11	11	20.5%	22	11	20.5%
WEERAISINGHE, MAITHRI N.	15	4	4	20.5%	8	4	20.5%
WESTERN HORIZON ASSOCIATES, INC.	1,163	0	239	20.5%	239	239	20.5%
WET SET, INC.	547	84	113	20.5%	197	113	20.5%
WITTE, E. DANIEL AND MARCIA	27	6	6	20.5%	12	6	20.5%
WLSR, INC.	471	82	97	20.5%	179	97	20.5%
WORSEY, JOSEPH A. AND REVAE	29	6	6	20.5%	12	6	20.5%

APPENDIX H

FEBRUARY 28, 2024

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2023-24 FREE PRODUCTION ALLOWANCE ¹				2024-25 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
YANG, ZILAN	26	6	6	20.5%	12	6	20.5%
TOTAL	63,929	10,499	13,186		23,685	13,186	

NOTES FOR APPENDIX H

- 1 FREE PRODUCTION ALLOWANCE IS EQUAL TO 60% OF BASE ANNUAL PRODUCTION FOR THE ESTE AND CENTRO SUBAREAS, 55% OF BASE ANNUAL PRODUCTION FOR THE OESTE SUBAREA, 20.5% OF BASE ANNUAL PRODUCTION FOR THE BAJA SUBAREA AND 54.4% OF BASE ANNUAL PRODUCTION FOR THE ALTO SUBAREA FOR 2022-23 BASED ON THE COURT ORDERS DATED JUNE 3, 2022 AND SEPTEMBER 16, 2022.
- 2 FREE PRODUCTION ALLOWANCE FOR 2023-24 (SUBJECT TO COURT APPROVAL).

ESTE SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 55% OF BASE ANNUAL PRODUCTION FOR THE 2023-24 WATER YEAR.

OESTE SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 50% OF BASE ANNUAL PRODUCTION FOR THE 2023-24 WATER YEAR.

ALTO SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 50.4% OF BASE ANNUAL PRODUCTION FOR THE 2023-24 WATER YEAR.

CENTRO SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 55% OF BASE ANNUAL PRODUCTION FOR THE 2023-24 WATER YEAR.

BAJA SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 20.5% OF BASE ANNUAL PRODUCTION FOR THE 2023-24 WATER YEAR.
- 3 PHELAN PIÑON HILLS CSD'S WELL #14 IS NOT INCLUDED IN THE TOTAL VERIFIED PRODUCTION. THE MATTER OF PUMPING FROM WELL #14, LOCATED IN LA COUNTY, IS STILL UNRESOLVED AND MAY AFFECT FUTURE OBLIGATIONS UNDER THE JUDGMENT.
- 4 APPELLANTS NOT SUBJECT TO THE JUDGMENT AFTER TRIAL PURSUANT TO SUPREME COURT DECISION DATED AUGUST 21, 2000. THE AGGREGATE BASE ANNUAL PRODUCTION OF THESE PARTIES WAS DETERMINED PRIOR TO TRIAL AND CONSISTS OF 291 ACRE FEET IN THE ALTO SUBAREA AND 1,187 ACRE FEET IN THE CENTRO SUBAREA.
- 5 CARRYOVER SHOWN FOR GENON CALIFORNIA SOUTH, LP IS NOT TRANSFERRABLE PURSUANT TO THE PURCHASE AND SALE AGREEMENT WITH MOJAVE WATER AGENCY DATED SEPTEMBER 12, 2019.

APPENDIX I

AMENDED APPENDIX B FOR WATER YEAR 2021-22

RECONCILED FOR CARRYOVER TRANSFERS IN LIEU OF

PAYMENT OF REPLACEMENT AND MAKEUP WATER ASSESSMENTS

AND ALL OTHER ERRATA

**AMENDED APPENDIX B FOR WATER YEAR 2021-22
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	2021-22 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2023 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2020-21	2021-22							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
ABDUL, HARRY AND ANITA	194	127	136	0	0	263	120	127	0	120	0.00	0.00	0.00	0.00	
ABSHIRE, DAVID V.	24	16	1	0	0	17	17	0	0	17	0.00	0.00	0.00	0.00	
AHN REVOCABLE LIVING TRUST	0	0	0	0	29	29	29	0	0	0	0.00	0.00	0.00	0.00	
AHN REVOCABLE TRUST	28	19	20	0	0	39	5	19	0	5	0.00	0.00	0.00	0.00	
AHN, CHUN SOO AND DAVID	400	260	280	(130)	(122)	288	0	138	0	0	0.00	0.00	0.00	0.00	
AMERICA UNITED DEVELOPMENT, LLC	500	325	350	0	0	675	1	325	0	1	0.00	0.00	0.00	0.00	
ANDERSON, ROSS C. AND BETTY J.	34	23	24	0	0	47	0	23	0	0	0.00	0.00	0.00	0.00	
AVILA, ANGEL AND EVALIA	573	373	402	0	0	775	280	373	0	280	0.00	0.00	0.00	0.00	
BAR H MUTUAL WATER COMPANY	53	35	38	0	0	73	28	35	0	28	0.00	0.00	0.00	0.00	
BELL, CHARLES H. TRUST DATED MARCH 7, 2014	494	322	346	(48)	0	620	228	322	0	228	0.00	0.00	0.00	0.00	
CASA COLINA FOUNDATION	90	59	63	0	0	122	46	59	0	46	0.00	0.00	0.00	0.00	
CENTER WATER COMPANY	40	26	28	0	0	54	23	26	0	23	0.00	0.00	0.00	0.00	
CHUNG, ET AL.	0	0	0	0	38	38	38	0	0	0	0.00	0.00	0.00	0.00	
CLUB VIEW PARTNERS	1,276	830	894	(33)	(36)	1,655	0	794	0	0	0.00	0.00	0.00	0.00	
CROSS, SHARON I.	23	15	17	0	0	32	1	15	0	1	0.00	0.00	0.00	0.00	
CROWN CAMBRIA, LLC	90	59	63	0	0	122	1	59	0	1	0.00	0.00	0.00	0.00	
DACOSTA, DEAN EDWARD	56	37	40	0	0	77	1	37	0	1	0.00	0.00	0.00	0.00	
DAHLQUIST, GEORGE R.	524	341	367	0	0	708	0	341	0	0	0.00	0.00	0.00	0.00	
DESERT DAWN MUTUAL WATER COMPANY	15	10	0	0	9	19	19	0	0	10	0.00	0.00	0.00	0.00	
DESERT GIRLZ LLC	299	195	15	194	0	404	179	195	0	179	0.00	0.00	0.00	0.00	
DESERT SPRINGS MUTUAL WATER COMPANY	78	51	55	0	0	106	46	51	0	46	0.00	0.00	0.00	0.00	
DOUGLAS, TINA	50	33	35	0	0	68	1	33	0	1	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	2,201	1,431	1,541	0	0	2,972	0	1,431	0	0	0.00	0.00	0.00	0.00	
GAETA, MIGUEL AND MARIA	1,500	975	1,050	0	(48)	1,977	1	927	0	1	0.00	0.00	0.00	0.00	
GAETA, TRINIDAD	512	333	359	0	0	692	113	333	0	113	0.00	0.00	0.00	0.00	
GARDENA MISSION CHURCH, INC.	0	0	0	0	0	0	1	0	1	0	0.00	584.00	0.00	584.00	
GAYJIKIAN, SAMUEL AND HAZEL	102	67	72	0	0	139	1	67	0	1	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	178	116	114	0	0	230	134	96	0	134	0.00	0.00	0.00	0.00	
GORDON ACRES WATER COMPANY	54	36	38	0	0	74	37	36	0	37	0.00	0.00	0.00	0.00	
GUBLER, HANS	30	20	21	0	0	41	14	20	0	14	0.00	0.00	0.00	0.00	
HARVEY, LISA M.	300	195	210	0	0	405	4	195	0	4	0.00	0.00	0.00	0.00	
HERT, SCOTT	0	0	194	(194)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	442	288	310	0	0	598	134	288	0	134	0.00	0.00	0.00	0.00	
HITCHIN LUCERNE, INC.	16	11	11	0	0	22	10	11	0	10	0.00	0.00	0.00	0.00	
JONES TRUST DATED MARCH 16, 2002	66	43	47	0	0	90	0	43	0	0	0.00	0.00	0.00	0.00	
JUBILEE MUTUAL WATER COMPANY	142	93	15	0	5	113	113	0	0	108	0.00	0.00	0.00	0.00	
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	25	0	0	48	73	71	2	0	71	0.00	0.00	0.00	0.00	
KIM, JU SANG	30	20	21	0	0	41	1	20	0	1	0.00	0.00	0.00	0.00	
LEE, ANNA K. AND ESHBAN K.	33	22	24	0	0	46	0	22	0	0	0.00	0.00	0.00	0.00	

APPENDIX I

FEBRUARY 27, 2024

**AMENDED APPENDIX B FOR WATER YEAR 2021-22
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	2021-22 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2023 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2020-21	2021-22							WATER	WATER	
				CARRYOVER ³	FPA ⁴									
LEE, DOO HWAN	78	51	55	0	0	106	0	51	0	0	0.00	0.00	0.00	0.00
LOPEZ, BALTAZAR	385	251	270	0	0	521	1	251	0	1	0.00	0.00	0.00	0.00
LUA, MICHAEL T. AND DONNA S.	348	227	244	0	0	471	0	227	0	0	0.00	0.00	0.00	0.00
LUCERNE VALLEY MUTUAL WATER COMPANY	54	36	38	0	0	74	31	36	0	31	0.00	0.00	0.00	0.00
LUCERNE VALLEY PARTNERS	1,213	789	850	0	0	1,639	0	789	0	0	0.00	0.00	0.00	0.00
LUCERNE VISTA MUTUAL WATER COMPANY	21	14	14	0	0	28	19	9	0	19	0.00	0.00	0.00	0.00
M.B. LANDSCAPING AND NURSERY, INC.	1,773	1,153	1,242	0	0	2,395	1,456	939	0	1,456	0.00	0.00	0.00	0.00
MITSUBISHI CEMENT CORPORATION	1,395	907	977	(181)	(190)	1,513	322	717	0	322	0.00	0.00	0.00	0.00
MONACO INVESTMENT COMPANY	70	46	49	0	0	95	0	46	0	0	0.00	0.00	0.00	0.00
MOSS, LAWRENCE W. AND HELEN J.	43	28	31	0	0	59	31	28	0	31	0.00	0.00	0.00	0.00
NORRIS TRUST, MARY ANN	73	48	52	0	0	100	1	48	0	1	0.00	0.00	0.00	0.00
OASIS WORLD MISSION	0	0	0	0	93	93	93	0	0	0	0.00	0.00	0.00	0.00
OMYA CALIFORNIA, INC.	23	15	0	0	30	45	45	0	0	15	0.00	0.00	0.00	0.00
PAK, KAE SOO AND MYONG HUI KANG	247	161	173	(38)	(38)	258	27	123	0	27	0.00	0.00	0.00	0.00
PETTIGREW, DAN	22	15	16	0	0	31	0	15	0	0	0.00	0.00	0.00	0.00
REED, MIKE	58	38	41	0	0	79	1	38	0	1	0.00	0.00	0.00	0.00
RHEE, ANDREW N.	70	46	49	0	0	95	20	46	0	20	0.00	0.00	0.00	0.00
ROBERTSON'S READY MIX	0	0	0	0	126	126	126	0	0	0	0.00	0.00	0.00	0.00
ROYAL WAY	200	130	140	0	0	270	57	130	0	57	0.00	0.00	0.00	0.00
S AND E 786 ENTERPRISES, LLC	597	389	418	0	0	807	0	389	0	0	0.00	0.00	0.00	0.00
SABA FAMILY TRUST DATED JULY 24, 2018	1,120	728	784	0	0	1,512	0	728	0	0	0.00	0.00	0.00	0.00
SAN BERNARDINO COUNTY SERVICE AREA 29	40	26	0	0	36	62	62	0	0	26	0.00	0.00	0.00	0.00
SON'S RANCH	140	91	98	0	0	189	42	91	0	42	0.00	0.00	0.00	0.00
SPECIALTY MINERALS, INC.	52	34	0	0	29	63	63	0	0	34	0.00	0.00	0.00	0.00
SPILLMAN, JAMES R. AND NANCY J.	23	15	17	0	0	32	5	15	0	5	0.00	0.00	0.00	0.00
WEST END MUTUAL WATER COMPANY	30	20	20	0	(9)	31	15	11	0	15	0.00	0.00	0.00	0.00
WILSHIRE ROAD PARTNERS	692	450	485	0	0	935	0	450	0	0	0.00	0.00	0.00	0.00
TOTAL	19,251	12,539	13,264	(430)	0	25,373	4,114	11,640	1	3,718	0.00	584.00	0.00	584.00

AMENDED APPENDIX B FOR WATER YEAR 2021-22
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	2021-22 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2023 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$584.00/AF	MAKEUP WATER N/A	TOTAL
				2020-21	2021-22									
				CARRYOVER ³	FPA ⁴									
AEROCHEM, INC.	660	396	429	0	0	825	5	396	0	5	0.00	0.00	0.00	0.00
CHAMISAL MUTUAL WATER COMPANY	96	58	63	0	0	121	36	58	0	36	0.00	0.00	0.00	0.00
HANDRINOS, NICOLE A.	7	5	5	0	0	10	1	5	0	1	0.00	0.00	0.00	0.00
HETTINGA REVOCABLE TRUST	1,302	782	830	0	0	1,612	91	782	0	91	0.00	0.00	0.00	0.00
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 10)	4,680	2,808	3,042	0	0	5,850	2,756	2,808	0	2,756	0.00	0.00	0.00	0.00
TROEGER FAMILY TRUST, RICHARD H.	112	68	73	0	0	141	4	68	0	4	0.00	0.00	0.00	0.00
TOTAL	6,857	4,117	4,442	0	0	8,559	2,893	4,117	0	2,893	0.00	0.00	0.00	0.00

APPENDIX I

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**AMENDED APPENDIX B FOR WATER YEAR 2021-22
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	2021-22 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2023 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2020-21 CARRYOVER ³	2021-22 FPA ⁴							WATER	WATER	
												\$584.00/AF	\$584.00/AF	
ADELANTO, CITY OF (SEE NOTE 13)	5,182	2,851	0	0	1,372	4,223	4,506	0	283	2,851	0.00	165,272.00	0.00	165,272.00
ADES, JOHN AND DEVON	37	21	22	(22)	(18)	3	3	0	0	3	0.00	0.00	0.00	0.00
AGCON, INC.	384	212	0	0	55	267	275	0	8	212	0.00	4,672.00	0.00	4,672.00
AMERICAN STATES WATER COMPANY	1,000	550	550	(550)	(550)	0	0	0	0	0	0.00	0.00	0.00	0.00
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	92	19	0	0	111	85	26	0	85	0.00	0.00	0.00	0.00
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	69	0	0	41	110	110	0	0	69	0.00	0.00	0.00	0.00
APPLE VALLEY UNIFIED SCHOOL DISTRICT	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	20	0	0	2	22	22	0	0	20	0.00	0.00	0.00	0.00
APPLE VALLEY, TOWN OF	1,082	596	88	0	0	684	464	220	0	464	0.00	0.00	0.00	0.00
BASS TRUST, NEWTON T.	514	283	330	(330)	(279)	4	4	0	0	4	0.00	0.00	0.00	0.00
BASTIANON REVOCABLE TRUST	77	43	50	(50)	(42)	1	1	0	0	1	0.04	0.00	23.36	23.36
BEINSCHROTH FAMILY TRUST	275	152	177	(177)	(151)	1	1	0	0	1	0.04	0.00	23.36	23.36
BEINSCHROTH, ANDY ERIC	250	138	162	(162)	(137)	1	1	0	0	1	0.04	0.00	23.36	23.36
BOX, GEARY S. AND LAURA	22	13	10	(10)	0	13	7	6	0	7	0.00	0.00	0.00	0.00
BROWN, BOBBY G. AND VALERIA R.	42	24	27	(27)	(23)	1	1	0	0	1	0.04	0.00	23.36	23.36
BROWN, JENNIFER	41	23	23	(23)	(20)	3	3	0	0	3	0.00	0.00	0.00	0.00
BRUNEAU, KAREN	10	6	5	(5)	(4)	2	2	0	0	2	0.09	0.00	52.56	52.56
BRYANT, IAN	29	16	19	(19)	(16)	0	0	0	0	0	0.00	0.00	0.00	0.00
BUNNELL, DICK	24	14	14	(14)	(12)	2	2	0	0	2	0.09	0.00	52.56	52.56
CALMAT COMPANY	25	14	10	(10)	0	14	4	10	0	4	0.17	0.00	99.28	99.28
CALPORTLAND COMPANY - AGRICULTURE	643	354	418	(418)	0	354	0	354	0	0	0.00	0.00	0.00	0.00
CALPORTLAND COMPANY - ORO GRANDE PLANT	2,809	1,545	610	(610)	0	1,545	1,100	445	0	1,100	0.00	0.00	0.00	0.00
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	1,159	0	0	0	1,159	2,352	0	1,193	1,159	0.00	696,712.00	0.00	696,712.00
CDFW - MOJAVE RIVER FISH HATCHERY (SEE NOTE 11)	20	11	0	0	0	11	20	0	0	0	0.00	0.00	0.00	0.00
CEMEX, INC.	1,499	825	0	0	0	825	1,038	0	213	825	0.00	124,392.00	0.00	124,392.00
DLW REVOCABLE TRUST	70	39	46	(46)	(39)	0	0	0	0	0	0.00	0.00	0.00	0.00
DOLCH LIVING TRUST ROBERT AND JUDITH	90	50	59	(59)	(50)	0	0	0	0	0	0.00	0.00	0.00	0.00
DORA LAND, INC.	15	9	10	0	(9)	10	0	0	0	0	0.00	0.00	0.00	0.00
EAST DESERT LAND COMPANY, LLC (SEE NOTE 12)	0						1,209							
EVENSON, EDWIN H. AND JOYCELAINE C.	70	39	46	0	0	85	1	39	0	1	0.04	0.00	23.36	23.36
FEDERAL BUREAU OF PRISONS, VICTORVILLE	686	378	0	0	(378)	0	0	0	0	0	0.00	0.00	0.00	0.00
FINCH, JENIFER	30	17	20	(20)	(17)	0	0	0	0	0	0.00	0.00	0.00	0.00
FISCHER REVOCABLE LIVING TRUST	36	20	23	(23)	(19)	1	1	0	0	1	0.04	0.00	23.36	23.36
FISHER TRUST, JEROME R.	633	349	412	(412)	(349)	0	0	0	0	0	0.00	0.00	0.00	0.00
FITZWATER, R. E. (SEE NOTE 12)	291						1							

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ALTO SUBAREA

PRODUCER	2021-22 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2023 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2020-21 CARRYOVER ³	2021-22 FPA ⁴							WATER	WATER		
												\$584.00/AF	\$584.00/AF		
FRAZIER, ET AL.	50	28	33	(33)	(28)	0	0	0	0	0	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	940	517	0	0	428	945	945	0	0	517	0.00	0.00	0.00	0.00	
GREEN ACRES ESTATES	25	14	14	0	0	28	8	14	0	8	0.35	0.00	204.40	204.40	
GULBRANSON, MERLIN	5	3	4	0	0	7	0	3	0	0	0.00	0.00	0.00	0.00	
HAAS, BRYAN C. AND HINKLE, MARY H.	9	5	6	(6)	(5)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HALANNA EQUITIES III	19	11	0	0	(7)	4	4	0	0	4	0.00	0.00	0.00	0.00	
HAMILTON FAMILY TRUST	108	60	50	(50)	(52)	8	8	0	0	8	0.35	0.00	204.40	204.40	
HELENDALE COMMUNITY SERVICES DISTRICT	4,157	2,287	595	(595)	(744)	1,543	1,543	0	0	1,543	0.00	0.00	0.00	0.00	
HELENDALE SCHOOL DISTRICT	18	10	10	0	0	20	1	10	0	1	0.04	0.00	23.36	23.36	
HESPERIA - GOLF COURSE, CITY OF	678	373	0	0	152	525	592	0	67	373	0.00	39,128.00	0.00	39,128.00	
HESPERIA VENTURE I, LLC	0	0	0	0	0	0	1	0	1	0	0.00	584.00	0.00	584.00	
HESPERIA WATER DISTRICT	14,531	7,993	0	143	4,148	12,284	14,129	0	1,845	8,608	0.00	1,077,480.00	0.00	1,077,480.00	
HESPERIA, CITY OF	6,736	3,705	3,705	(3,705)	(3,705)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	149	82	54	(54)	(55)	27	27	0	0	27	0.00	0.00	0.00	0.00	
HOLWAY JEFFREY R AND PATRICIA GAGE	8	5	6	(6)	0	5	0	5	0	0	0.00	0.00	0.00	0.00	
HOLWAY, JEFFREY R	11	7	8	(8)	0	7	0	7	0	0	0.00	0.00	0.00	0.00	
HOLY HEAVENLY LAKE, LLC	6	4	4	0	(4)	4	0	0	0	0	0.00	0.00	0.00	0.00	
HUNT, CONNIE	66	37	43	(43)	0	37	0	37	0	0	0.00	0.00	0.00	0.00	
JAMBOREE HOUSING CORPORATION	0	0	0	0	0	0	40	0	40	0	0.00	23,360.00	0.00	23,360.00	
JESS RANCH WATER COMPANY	7,230	3,977	2,707	(2,707)	(3,048)	929	929	0	0	929	0.00	0.00	0.00	0.00	
JOHNSON, CARLEAN	23	13	0	0	1	14	14	0	0	13	0.00	0.00	0.00	0.00	
JOHNSON, PAUL - INDUSTRIAL	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
JOHNSON, RONALD	31	18	21	(21)	0	18	0	18	0	0	0.00	0.00	0.00	0.00	
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	70	78	(78)	(12)	58	7	51	0	7	0.00	0.00	0.00	0.00	
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	261	239	(239)	(235)	26	26	0	0	26	0.00	0.00	0.00	0.00	
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	362	428	(428)	(362)	0	0	0	0	0	0.00	0.00	0.00	0.00	
LANGLEY, JAMES	5	3	4	(4)	(3)	0	0	0	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	9	9	(9)	(8)	1	1	0	0	1	0.04	0.00	23.36	23.36	
LENHERT, RONALD AND TONI	37	21	25	0	0	46	8	21	0	8	0.35	0.00	204.40	204.40	
LHC ALLIGATOR, LLC	498	274	0	0	(274)	0	0	0	0	0	0.00	0.00	0.00	0.00	
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. (SEE NOTE 13)	13,610	7,486	454	0	0	7,940	8,732	0	792	7,940	0.00	462,528.00	0.00	462,528.00	
LOW, DEAN	199	110	130	(130)	(110)	0	0	0	0	0	0.00	0.00	0.00	0.00	
LUCKEY 2010 REVOCABLE TRUST	300	165	194	(194)	(164)	1	1	0	0	1	0.04	0.00	23.36	23.36	
MARIANA RANCHOS COUNTY WATER DISTRICT	280	154	0	0	43	197	197	0	0	154	0.00	0.00	0.00	0.00	
MCKINNEY, PAULA	33	19	22	(22)	0	19	0	19	0	0	0.00	0.00	0.00	0.00	
MLH, LLC	13	8	6	0	0	14	10	4	0	10	0.43	0.00	251.12	251.12	

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2020-21 CARRYOVER ³	2021-22 FPA ⁴							WATER	WATER		
												\$584.00/AF	\$584.00/AF		
MOJAVE DESERT LAND TRUST	40	22	26	0	0	48	1	22	0	1	0.04	0.00	23.36	23.36	
MOJAVE WATER AGENCY (SEE NOTE 14)	0	0	0	0	0	0	23	0	23	0	0.00	13,432.00	0.00	13,432.00	
NAVAJO MUTUAL WATER COMPANY	88	49	49	0	(45)	53	22	4	0	22	0.00	0.00	0.00	0.00	
NUÑEZ, LUIS SEGUNDO	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
NUNN FAMILY TRUST	36	20	23	(23)	(19)	1	1	0	0	1	0.04	0.00	23.36	23.36	
ORO GRANDE SCHOOL DISTRICT	107	59	8	0	0	67	75	0	8	67	2.91	4,672.00	1,699.44	6,371.44	
PAUSTELL, JOAN BEINSCHROTH	152	84	99	(99)	(84)	0	0	0	0	0	0.00	0.00	0.00	0.00	
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	196	196	0	0	392	107	196	0	107	0.00	0.00	0.00	0.00	
POLICH, DONNA	65	36	43	(43)	0	36	0	36	0	0	0.00	0.00	0.00	0.00	
RANCHERITOS MUTUAL WATER COMPANY	169	93	0	0	0	93	88	5	0	88	0.00	0.00	0.00	0.00	
RIM PROPERTIES, A GENERAL PARTNERSHIP	9	5	6	(6)	(5)	0	0	0	0	0	0.00	0.00	0.00	0.00	
RUE RANCH, INC.	30	17	19	(19)	(16)	1	1	0	0	1	0.04	0.00	23.36	23.36	
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTE	0	0	0	0	0	0	214	0	214	0	0.00	124,976.00	0.00	124,976.00	
SAN BERNARDINO COUNTY SERVICE AREA 42	465	256	196	(196)	(192)	64	64	0	0	64	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	2,103	0	0	157	2,260	2,701	0	441	2,103	0.00	257,544.00	0.00	257,544.00	
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	559	0	0	157	716	1,719	0	1,003	559	0.00	585,752.00	0.00	585,752.00	
SCRAY, MICHELLE A. TRUST	15	9	9	(9)	0	9	1	8	0	1	0.04	0.00	23.36	23.36	
SERVICE ROCK PRODUCTS CORPORATION	20	11	11	0	0	22	8	11	0	8	0.35	0.00	204.40	204.40	
SHEEP CREEK WATER COMPANY	0	0	0	0	0	0	38	0	38	0	0.00	22,192.00	0.00	22,192.00	
SILVER LAKES ASSOCIATION	4,987	2,743	0	0	376	3,119	3,254	0	135	2,743	0.00	78,840.00	0.00	78,840.00	
SNOWBALL DEVELOPMENT, INC.	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SPRING VALLEY LAKE ASSOCIATION	3,768	2,073	0	0	383	2,456	2,456	0	0	2,073	0.00	0.00	0.00	0.00	
SPRING VALLEY LAKE COUNTRY CLUB	977	538	0	0	0	538	745	0	207	538	23.36	120,888.00	13,642.24	134,530.24	
STORM, RANDALL	62	35	41	(41)	(35)	0	0	0	0	0	0.00	0.00	0.00	0.00	
SUDMEIER, GLENN W.	20	11	12	(12)	(10)	1	1	0	0	1	0.04	0.00	23.36	23.36	
SUMMIT VALLEY RANCH, LLC	57	32	13	(13)	(13)	19	19	0	0	19	0.00	0.00	0.00	0.00	
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	230	270	(270)	(228)	2	2	0	0	2	0.09	0.00	52.56	52.56	
THOMPSON LIVING TRUST, R.L. AND R.A.	2	2	2	0	0	4	1	2	0	1	0.04	0.00	23.36	23.36	
THRASHER, GARY	373	206	241	(241)	(205)	1	1	0	0	1	0.04	0.00	23.36	23.36	
THUNDERBIRD COUNTY WATER DISTRICT	126	70	0	0	46	116	116	0	0	70	0.00	0.00	0.00	0.00	
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	26	15	17	0	0	32	0	15	0	0	0.00	0.00	0.00	0.00	
VANHOOPS HOLDINGS, LP	0	0	234	(234)	(198)	(198)	0	0	0	0	0.00	0.00	0.00	0.00	
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	132	0	0	222	354	354	0	0	132	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 13)	23,020	12,661	0	0	5,103	17,764	19,783	0	2,019	13,039	0.00	1,179,096.00	0.00	1,179,096.00	
VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 13)	2,932	1,613	0	0	45	1,658	4,265	0	2,607	1,613	0.00	1,522,488.00	0.00	1,522,488.00	

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$584.00/AF	MAKEUP WATER \$584.00/AF	TOTAL
				2020-21	2021-22									
				CARRYOVER ³	FPA ⁴									
VOGLER, ALBERT H.	62	35	41	(41)	(35)	0	0	0	0	0	0.00	0.00	0.00	0.00
WAGNER LIVING TRUST	1,224	674	796	(796)	(674)	0	0	0	0	0	0.00	0.00	0.00	0.00
WAKULA FAMILY TRUST	11	7	7	(7)	(6)	1	1	0	0	1	0.04	0.00	23.36	23.36
WARD, KEN AND BARBARA	65	36	31	(31)	(25)	11	11	0	0	11	0.00	0.00	0.00	0.00
WEST, HOWARD AND SUZY	72	40	47	(47)	0	40	0	40	0	0	0.00	0.00	0.00	0.00
WEST, JIMMIE E.	10	6	6	(6)	(5)	1	1	0	0	1	0.04	0.00	23.36	23.36
WESTERN WATER COMPANY	15	9	10	0	0	19	0	9	0	0	0.00	0.00	0.00	0.00
WESTLAND INDUSTRIES, INC.	54	30	30	0	0	60	21	30	0	21	0.91	0.00	531.44	531.44
WIENER, MELVIN AND MARIAM S.	30	17	17	0	0	34	0	17	0	0	0.00	0.00	0.00	0.00
TOTAL	114,308	62,685	14,499	(13,310)	58	63,932	74,581	1,684	11,137	50,282	30.17	6,504,008.00	17,619.28	6,521,627.28

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CENTRO SUBAREA

PRODUCER	2021-22 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2023 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2020-21 CARRYOVER ³	2021-22 FPA ⁴							WATER	WATER		
												\$584.00/AF	N/A		
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	29	19	21	(21)	(16)	3	0	3	0	0	0.00	0.00	0.00	0.00	
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	120	78	34	(34)	(78)	0	0	0	0	0	0.00	0.00	0.00	0.00	
BAR-LEN MUTUAL WATER COMPANY	48	32	34	0	0	66	27	32	0	27	0.00	0.00	0.00	0.00	
BARSTOW COMMUNITY DEVELOPERS, LLC	0	0	0	0	2	2	2	0	0	0	0.00	0.00	0.00	0.00	
BEST, BYRON L.	21	14	15	0	0	29	0	14	0	0	0.00	0.00	0.00	0.00	
BROMMER HOUSE TRUST	361	235	253	(253)	(235)	0	0	0	0	0	0.00	0.00	0.00	0.00	
CALMAT COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
CHAFI, LARRY R. AND DELINDA C.	46	30	33	0	0	63	1	30	0	1	0.00	0.00	0.00	0.00	
CHOI, YONG IL AND JOUNG AE	38	25	27	0	0	52	0	25	0	0	0.00	0.00	0.00	0.00	
CHONG, JOAN	10	7	0	40	0	47	36	7	0	36	0.00	0.00	0.00	0.00	
CHRISTISON, JOEL	75	49	53	(53)	0	49	0	49	0	0	0.00	0.00	0.00	0.00	
CONTRATTO, ERSULA	151	99	105	(105)	(98)	1	1	0	0	1	0.00	0.00	0.00	0.00	
DARR, JAMES S.	408	266	286	0	0	552	15	266	0	15	0.00	0.00	0.00	0.00	
DE VRIES, NEIL AND MARY FAMILY TRUST	0	0	2,660	(2,660)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
DORRANCE, DAVID W. AND TAMELA L.	19	13	0	0	(13)	0	0	0	0	0	0.00	0.00	0.00	0.00	
EYGNOR, ROBERT E.	50	33	35	(35)	0	33	0	33	0	0	0.00	0.00	0.00	0.00	
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE	30	20	21	0	0	41	0	20	0	0	0.00	0.00	0.00	0.00	
FOURFREE USA, INC.	42	28	30	(19)	0	39	0	28	0	0	0.00	0.00	0.00	0.00	
FRATES, D. COLE	13	9	0	0	(9)	0	0	0	0	0	0.00	0.00	0.00	0.00	
FRIEND, JOSEPH AND DEBORAH	60	39	42	0	0	81	11	39	0	11	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	132	86	93	(93)	(86)	0	0	0	0	0	0.00	0.00	0.00	0.00	
GAINES FAMILY TRUST, JACK AND MARY	0	0	65	(65)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	14,407	9,365	10,085	(2,573)	(202)	16,675	5,696	9,163	0	5,696	0.00	0.00	0.00	0.00	
GRILL, NICHOLAS P. AND MILLIE D. (SEE NOTE 15)	0	0	0	0	113	113	102	0	0	0	0.00	0.00	0.00	0.00	
GUTIERREZ, JOSE AND GLORIA	130	85	91	0	0	176	72	85	0	72	0.00	0.00	0.00	0.00	
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	99	1	(1)	(99)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HARMSEN FAMILY TRUST	722	470	506	(142)	(113)	721	267	357	0	267	0.00	0.00	0.00	0.00	
HARPER LAKE COMPANY VIII	0	0	1,004	(1,004)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
HASKINS, JAMES J.	30	20	21	(21)	(20)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HELENDALE COMMUNITY SERVICES DISTRICT	238	155	72	(72)	(155)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HENSLEY, MARK P.	27	18	19	0	0	37	18	18	0	18	0.00	0.00	0.00	0.00	
HI DESERT MUTUAL WATER COMPANY	34	23	24	0	0	47	18	23	0	18	0.00	0.00	0.00	0.00	
HIGH DESERT ASSOCIATES, INC.	513	334	360	0	0	694	0	334	0	0	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
HILL FAMILY TRUST AND HILL'S RANCH, INC.	2,335	1,518	1,635	(1,117)	(771)	1,265	39	747	0	39	0.00	0.00	0.00	0.00	
HOWARD, ET AL.	43	28	31	0	0	59	0	28	0	0	0.00	0.00	0.00	0.00	
HUERTA, HECTOR	656	427	460	800	0	1,687	845	427	0	845	0.00	0.00	0.00	0.00	
JOHNSON, PAUL	0	0	12	(12)	(12)	(12)	0	0	0	0	0.00	0.00	0.00	0.00	

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CENTRO SUBAREA

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2020-21 CARRYOVER ³	2021-22 FPA ⁴							WATER	WATER	
												\$584.00/AF	N/A	
JONES, JOETTE	22	15	16	0	0	31	0	15	0	0	0.00	0.00	0.00	0.00
JORDAN FAMILY TRUST	460	299	318	(318)	(295)	4	4	0	0	4	0.00	0.00	0.00	0.00
KASNER FAMILY LIMITED PARTNERSHIP	421	274	295	(295)	(274)	0	0	0	0	0	0.00	0.00	0.00	0.00
KIM, JIN S. AND HYUN H.	190	124	133	(133)	(124)	0	0	0	0	0	0.00	0.00	0.00	0.00
LEE, ET AL., SEPOONG AND WOO POONG	77	51	54	0	0	105	0	51	0	0	0.00	0.00	0.00	0.00
LEYERLY, GENEVA (SEE NOTE 12)	65						3							
LOCKHART LAND HOLDING, LLC (FORMERLY: HARPER LAKE COMPANY VIII)	1,433	932	0	1,004	0	1,936	520	932	0	520	0.00	0.00	0.00	0.00
MCCOLLUM, CHARLES L.	115	75	81	0	0	156	0	75	0	0	0.00	0.00	0.00	0.00
MEAD FAMILY TRUST	115	75	81	0	0	156	1	75	0	1	0.00	0.00	0.00	0.00
MOJAVE SOLAR, LLC	5,239	3,406	3,668	0	0	7,074	1,492	3,406	0	1,492	0.00	0.00	0.00	0.00
MOST FAMILY TRUST	56	37	40	0	0	77	0	37	0	0	0.00	0.00	0.00	0.00
ODESSA WATER DISTRICT	299	195	210	0	0	405	0	195	0	0	0.00	0.00	0.00	0.00
OHAI, REYNOLDS AND DOROTHY	137	90	96	0	0	186	1	90	0	1	0.00	0.00	0.00	0.00
OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K. (FORMERLY: VAN DAM REVOCABLE TRUST, E AND S)	722	470	0	504	0	974	129	470	0	129	0.00	0.00	0.00	0.00
OSTERKAMP, GEROLD (SEE NOTE 12)	260						125							
PACIFIC GAS AND ELECTRIC COMPANY	6,580	4,277	4,606	0	0	8,883	2,377	4,277	0	2,377	0.00	0.00	0.00	0.00
RIOS, MARIANO V.	8	6	6	0	0	12	1	6	0	1	0.00	0.00	0.00	0.00
RIVERO, FIDEL V.	20	13	14	0	0	27	1	13	0	1	0.00	0.00	0.00	0.00
RUISCH TRUST, DALE W. AND NELLIE H.	650	423	226	0	0	649	606	43	0	606	0.00	0.00	0.00	0.00
RUISCH, ET AL. (SEE NOTE 12)	862						366							
SERVICE ROCK PRODUCTS CORPORATION	766	498	537	0	0	1,035	14	498	0	14	0.00	0.00	0.00	0.00
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	151	163	(163)	(151)	0	0	0	0	0	0.00	0.00	0.00	0.00
SOPPELAND REVOCABLE TRUST	0	0	335	(335)	(311)	(311)	0	0	0	0	0.00	0.00	0.00	0.00
SYNAGRO-WWT, INC. (DBA NURSURY PRODUCTS, LLC)	0	0	0	0	0	0	18	0	18	0	0.00	10,512.00	0.00	10,512.00
TALLAKSON FAMILY REVOCABLE TRUST	17	12	12	0	0	24	6	12	0	6	0.00	0.00	0.00	0.00
VAN DAM REVOCABLE TRUST, E AND S	0	0	506	(506)	0	0	0	0	0	0		0.00		
VAN LEEUWEN TRUST, JOHN A. AND LETIE	1,465	953	1,026	(788)	0	1,191	0	953	0	0	0.00	0.00	0.00	0.00
VERNOLA TRUST, PAT AND MARY ANN	3,116	2,026	2,182	1,600	0	5,808	2,627	2,026	0	2,627	0.00	0.00	0.00	0.00
VICTORVILLE WATER DISTRICT, ID#1	5,164	3,357	0	2,620	(2,355)	3,622	0	1,002	0	0	0.00	0.00	0.00	0.00
WERNER, ANDREW J.	18	12	0	0	(12)	0	0	0	0	0	0.00	0.00	0.00	0.00
WESTERN DEVELOPMENT AND STORAGE, LLC	6	4	0	0	(4)	0	0	0	0	0	0.00	0.00	0.00	0.00
WITHEY, CONNIE	22	15	16	0	0	31	1	15	0	1	0.00	0.00	0.00	0.00
TOTAL	49,477	31,237	32,749	(4,250)	(5,318)	54,418	15,442	25,919	18	14,826	0.00	10,512.00	0.00	10,512.00

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				2020-21	2021-22										
				CARRYOVER ³	FPA ⁴										
35250 YERMO, LLC	24	6	4	0	0	10	14	0	4	10	0.00	2,336.00	0.00	2,336.00	
AHN, CHUN SOO AND WHA JA	50	12	13	0	0	25	1	12	0	1	0.00	0.00	0.00	0.00	
AKE, CHARLES J. AND MARJORIE M.	23	6	6	0	0	12	0	6	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	
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	80	18	2	0	0	20	59	0	39	20	0.00	22,776.00	0.00	22,776.00	
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00	
BARBER, JAMES B.	167	38	42	(7)	0	73	29	38	0	29	0.00	0.00	0.00	0.00	
BARON, SUSAN AND PALMER, CURTIS	26	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00	
BORJA, LEONIL T. AND TITAL L.	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
BREDELIS, RONALD C. AND JEAN	64	15	6	(6)	0	15	10	5	0	10	0.00	0.00	0.00	0.00	
BUBIER, DIANE GAIL	54	13	0	0	23	36	36	0	0	13	0.00	0.00	0.00	0.00	
BUDGET FINANCE COMPANY	32	8	8	0	0	16	0	8	0	0	0.00	0.00	0.00	0.00	
BUSH, KEVIN	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
CALICO LAKES HOMEOWNERS ASSOCIATION	1,296	292	324	0	(275)	341	232	0	0	232	0.00	0.00	0.00	0.00	
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	16	18	0	0	34	11	16	0	11	0.00	0.00	0.00	0.00	
CALMAT COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
CAMANGA, TONY AND MARIETTA	47	11	12	0	0	23	1	11	0	1	0.00	0.00	0.00	0.00	
CAMPBELL, M. A. AND DIANNE	22	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00	
CARLTON, SUSAN	155	35	39	0	0	74	1	35	0	1	0.00	0.00	0.00	0.00	
CDFW - CAMP CADY	921	208	231	0	0	439	312	127	0	312	0.00	0.00	0.00	0.00	
CHEYENNE LAKE, INC.	665	150	165	27	14	356	196	88	0	196	0.00	0.00	0.00	0.00	
CLARK, ARTHUR	50	12	13	0	0	25	0	12	0	0	0.00	0.00	0.00	0.00	
CLARK, GARY AND BETH A.	0	0	0	0	0	0	424	0	424	0	0.00	247,616.00	0.00	247,616.00	
CONNER, WILLIAM H.	25	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00	
CORBRIDGE, LINDA S.	32	8	8	0	0	16	4	8	0	4	0.00	0.00	0.00	0.00	
CROSS, FRANCIS AND BEVERLY	40	9	10	0	0	19	0	9	0	0	0.00	0.00	0.00	0.00	
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	844	190	73	28	187	478	421	0	0	305	0.00	0.00	0.00	0.00	
DAGGETT COMMUNITY SERVICES DISTRICT	504	114	0	0	88	202	202	0	0	114	0.00	0.00	0.00	0.00	
DAGGETT LAND HOLDINGS LLC (SEE NOTE 15)	0	0	0	342	215	557	423	134	0	423	0.00	0.00	0.00	0.00	
DAGGETT RANCH, LLC	76	18	0	0	2	20	20	0	0	18	0.00	0.00	0.00	0.00	
DAGGETT SOLAR POWER 3 LLC	179	41	45	(45)	0	41	0	41	0	0	0.00	0.00	0.00	0.00	
DE JONG FAMILY TRUST	3,131	705	170	263	0	1,138	755	383	0	755	0.00	0.00	0.00	0.00	
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
DONALDSON, JERRY AND BEVERLY	90	21	23	0	0	44	1	21	0	1	0.00	0.00	0.00	0.00	
DOWELL, LEONARD	23	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00	
EVERT FAMILY TRUST	173	39	39	0	(9)	69	30	30	0	30	0.00	0.00	0.00	0.00	
FEJFAR, MONICA KAY	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
FERNANDEZ, ARTURO	76	18	19	0	0	37	1	18	0	1	0.00	0.00	0.00	0.00	

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				2020-21	2021-22							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
FERRO, DENNIS AND NORMA	32	8	8	0	0	16	0	8	0	0	0.00	0.00	0.00	0.00	
FIRST CPA LLC	57	13	10	0	0	23	9	13	0	9	0.00	0.00	0.00	0.00	
FOOTHILL ESTATES MHP, LLC	54	13	3	0	0	16	15	1	0	15	0.00	0.00	0.00	0.00	
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	96	107	0	0	203	98	93	0	98	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	1,637	369	164	0	438	971	971	0	0	533	0.00	0.00	0.00	0.00	
GARCIA, DANIEL	23	6	6	0	0	12	1	6	0	1	0.00	0.00	0.00	0.00	
GARG, OM P.	483	109	121	(121)	0	109	0	109	0	0	0.00	0.00	0.00	0.00	
GENON CALIFORNIA SOUTH, LP (SEE NOTE 16)	0	0	260	0	600	860	570	290	0	570	0.00	0.00	0.00	0.00	
GRAY, GEORGE F. AND BETTY E.	94	22	24	(24)	0	22	0	22	0	0	0.00	0.00	0.00	0.00	
HACKBARTH, EDWARD E.	1,553	350	0	370	0	720	716	4	0	716	0.00	0.00	0.00	0.00	
HANSON AGGREGATES WRP, INC.	31	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
HARESON, NICHOLAS AND MARY	8	2	2	0	0	4	0	2	0	0	0.00	0.00	0.00	0.00	
HARTER, JOE AND SUE	5,134	1,156	899	(350)	0	1,705	634	1,071	0	634	0.00	0.00	0.00	0.00	
HASS, PAULINE L.	35	8	8	(8)	0	8	1	7	0	1	0.00	0.00	0.00	0.00	
HENDLEY, RICK AND BARBARA	48	11	12	0	0	23	15	8	0	15	0.00	0.00	0.00	0.00	
HIETT, HARRY L.	29	7	8	(4)	(2)	9	1	5	0	1	0.00	0.00	0.00	0.00	
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	69	74	(74)	0	69	1	68	0	1	0.00	0.00	0.00	0.00	
HO, TING-SENG AND AH-GIT	300	68	75	0	0	143	0	68	0	0	0.00	0.00	0.00	0.00	
HOLLISTER, ROBERT H. AND RUTH M.	44	10	11	0	0	21	0	10	0	0	0.00	0.00	0.00	0.00	
HONG, PAUL B. AND MAY	85	20	22	0	0	42	0	20	0	0	0.00	0.00	0.00	0.00	
HOOD FAMILY TRUST	41	10	11	0	0	21	10	10	0	10	0.00	0.00	0.00	0.00	
HORTON FAMILY TRUST	441	100	0	27	5	132	87	0	0	87	0.00	0.00	0.00	0.00	
HU, MINSHENG (FORMERLY: SAMPLES, BERNARD D. AND JANCE E.)	43	10	0	11	0	21	6	10	0	6	0.00	0.00	0.00	0.00	
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	7	7	0	0	14	1	7	0	1	0.00	0.00	0.00	0.00	
HUNT, RALPH M. AND LILLIAN F.	51	12	13	0	0	25	2	12	0	2	0.00	0.00	0.00	0.00	
HYATT, JAMES AND BRENDA	210	48	37	(37)	0	48	8	40	0	8	0.00	0.00	0.00	0.00	
IM, NICHOLAS NAK-KYUN	397	90	100	0	0	190	84	90	0	84	0.00	0.00	0.00	0.00	
IRVIN, BERTRAND W.	29	7	8	3	0	18	9	7	0	9	0.00	0.00	0.00	0.00	
ITALMOOD INC., ET AL.	190	43	48	0	0	91	1	43	0	1	0.00	0.00	0.00	0.00	
JACKS, JAMES F.	10	3	3	0	0	6	1	3	0	1	0.00	0.00	0.00	0.00	
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	13	14	(14)	0	13	0	13	0	0	0.00	0.00	0.00	0.00	
JACKSON, RAY REVOCABLE TRUST NO. 45801	1	1	1	0	0	2	0	1	0	0	0.00	0.00	0.00	0.00	
KARIMI, HOOSHANG	70	16	18	0	0	34	1	16	0	1	0.00	0.00	0.00	0.00	
KASNER FAMILY LIMITED PARTNERSHIP	843	190	159	(159)	0	190	166	24	0	166	0.00	0.00	0.00	0.00	
KASNER, ROBERT	5,613	1,263	195	(195)	(438)	825	0	825	0	0	0.00	0.00	0.00	0.00	
KATCHER, AUGUST M. AND MARCELINE	23	6	6	0	0	12	1	6	0	1	0.00	0.00	0.00	0.00	
KEMP, ROBERT AND ROSE	32	8	8	0	0	16	0	8	0	0	0.00	0.00	0.00	0.00	

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				2020-21	2021-22							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	172	191	0	0	363	76	172	0	76	0.00	0.00	0.00	0.00	
KIM, SEON JA	50	12	13	0	0	25	7	12	0	7	0.00	0.00	0.00	0.00	
KOERING, RICHARD AND KOERING, DONNA	20	5	5	0	0	10	1	5	0	1	0.00	0.00	0.00	0.00	
KOSHAREK, JOHN AND JOANN	54	13	14	0	0	27	11	13	0	11	0.00	0.00	0.00	0.00	
LAKE JODIE PROPERTY OWNERS ASSOCIATION	454	103	0	29	155	287	283	0	0	146	0.00	0.00	0.00	0.00	
LAKE WAIKIKI	98	23	25	0	0	48	0	23	0	0	0.00	0.00	0.00	0.00	
LAKE WAINANI OWNERS ASSOCIATION	1,725	389	462	(400)	300	751	203	417	0	203	0.00	0.00	0.00	0.00	
LAM, PHILLIP	105	24	27	0	0	51	6	24	0	6	0.00	0.00	0.00	0.00	
LANGLEY REVOCABLE TRUST AND SHARON LANAGLEY	20	5	3	0	0	8	4	4	0	4	0.00	0.00	0.00	0.00	
LAVANH, ET AL.	24	6	6	0	0	12	2	6	0	2	0.00	0.00	0.00	0.00	
LAWRENCE, WILLIAM W.	45	11	12	0	0	23	1	11	0	1	0.00	0.00	0.00	0.00	
LEE, VIN JANG T.	630	142	158	0	0	300	0	142	0	0	0.00	0.00	0.00	0.00	
LEM, HOY	32	8	8	0	0	16	0	8	0	0	0.00	0.00	0.00	0.00	
LIANG, YUAN - I AND TZU - MEI CHEN	200	45	50	(50)	0	45	0	45	0	0	0.00	0.00	0.00	0.00	
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	453	102	114	0	0	216	90	102	0	90	0.00	0.00	0.00	0.00	
LIN, KUAN JUNG AND CHUNG, DER-BING	451	102	0	0	(102)	0	0	0	0	0	0.00	0.00	0.00	0.00	
LO, ET AL.	59	14	0	0	0	14	37	0	23	14	0.00	13,432.00	0.00	13,432.00	
M BIRD CONSTRUCTION	41	10	11	0	0	21	1	10	0	1	0.00	0.00	0.00	0.00	
MAHJOUBI, AFSAR S.	63	15	16	0	0	31	0	15	0	0	0.00	0.00	0.00	0.00	
MALONEY, JANICE HAWES	0	0	9	(9)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
MANNING, SHARON S.	63	15	16	0	0	31	20	11	0	20	0.00	0.00	0.00	0.00	
MARCROFT, JAMES A. AND JOAN	38	9	0	0	0	9	4	5	0	4	0.00	0.00	0.00	0.00	
MARSHALL, CHARLES	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
MARTIN, MICHAEL D. AND ARLENE D.	63	15	16	21	0	52	36	15	0	36	0.00	0.00	0.00	0.00	
MILBRAT, IRVING H.	73	17	8	0	0	25	21	4	0	21	0.00	0.00	0.00	0.00	
MILLER LIVING TRUST	18	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
MIZRAHIE, ET AL.	145	33	37	(37)	0	33	0	33	0	0	0.00	0.00	0.00	0.00	
MOJAVE WATER AGENCY	7,194	1,619	1,199	0	(600)	2,218	0	1,019	0	0	0.00	0.00	0.00	0.00	
MORRIS TRUST, JULIA V.	304	69	75	(75)	0	69	1	68	0	1	0.00	0.00	0.00	0.00	
MULLIGAN, ROBERT AND INEZ	35	8	9	0	0	17	0	8	0	0	0.00	0.00	0.00	0.00	
MURPHY, JEAN	24	6	6	0	0	12	4	6	0	4	0.00	0.00	0.00	0.00	
MUSIC, ZAJO	15	4	0	0	0	4	4	0	0	4	0.00	0.00	0.00	0.00	
NEW SPRINGS LIMITED PARTNERSHIP	2,329	525	483	(483)	(127)	398	0	398	0	0	0.00	0.00	0.00	0.00	
NEWBERRY COMMUNITY SERVICES DISTRICT	23	6	0	0	0	6	2	4	0	2	0.00	0.00	0.00	0.00	
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	1	1	0	0	3	4	0	4	0	0	0.00	0.00	0.00	0.00	
NSSLIC, INC.	109	25	28	74	0	127	65	25	0	65	0.00	0.00	0.00	0.00	
O. F. D. L., INC.	443	100	133	27	(70)	190	141	0	0	141	0.00	0.00	0.00	0.00	
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	151	167	0	0	318	0	151	0	0	0.00	0.00	0.00	0.00	
PATINO, JOSÉ	22	5	6	0	0	11	5	5	0	5	0.00	0.00	0.00	0.00	

**AMENDED APPENDIX B FOR WATER YEAR 2021-22
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	2021-22 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2023 (AMOUNTS IN DOLLARS)			
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2020-21 CARRYOVER ³	2021-22 FPA ⁴							WATER	WATER		
												\$584.00/AF	N/A		
PEARCE, CRAIG L.	150	34	35	0	0	69	3	34	0	3	0.00	0.00	0.00	0.00	
PERKO, BERT K.	132	30	33	0	0	63	19	30	0	19	0.00	0.00	0.00	0.00	
POLAND, JOHN R. AND KATHLEEN A.	92	21	23	0	0	44	1	21	0	1	0.00	0.00	0.00	0.00	
PORTER, TIMOTHY M.	30	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
PRECISION INVESTMENTS SERVICES, LLC	845	191	212	0	0	403	142	191	0	142	0.00	0.00	0.00	0.00	
PRICE, DONALD AND RUTH	42	10	11	0	0	21	1	10	0	1	0.00	0.00	0.00	0.00	
PRUETT, ANDREA	36	9	9	0	0	18	0	9	0	0	0.00	0.00	0.00	0.00	
QUAKENBUSH, SAMUEL R.	19	5	5	0	0	10	1	5	0	1	0.00	0.00	0.00	0.00	
QUIROS, FRANCISCO J. AND HERRMANN, RONALD	38	9	9	30	0	48	35	9	0	35	0.00	0.00	0.00	0.00	
RICE, HENRY C. AND DIANA	24	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00	
RIZVI, S.R ALI	27	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00	
ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI	614	139	0	214	0	353	239	114	0	239	0.00	0.00	0.00	0.00	
S AND B BROTHERS, LLC	221	50	0	0	0	50	47	0	14	47	0.00	8,176.00	0.00	8,176.00	
SAGABEAN-BARKER, KANOELOKELANI L.	34	8	2	0	5	15	14	0	0	14	0.00	0.00	0.00	0.00	
SAMPLES, BERNARD D. AND JANICE E.	0	0	11	(11)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SAMRA, JAGTAR S.	30	7	8	0	0	15	2	7	0	2	0.00	0.00	0.00	0.00	
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	168	38	42	0	0	80	14	38	0	14	0.00	0.00	0.00	0.00	
SERVICE ROCK PRODUCTS CORPORATION	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SHENG, JEN	33	8	9	0	0	17	1	8	0	1	0.00	0.00	0.00	0.00	
SHEPPARD, THOMAS AND GLORIA	217	49	55	0	0	104	3	49	0	3	0.00	0.00	0.00	0.00	
SHORT, JEROME E. (SEE NOTE 17)	30	7	0	0	0	7	0	7	0	0	0.00	0.00	0.00	0.00	
SINGH, ET AL.	31	7	6	0	0	13	12	1	0	12	0.00	0.00	0.00	0.00	
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	0	0	0	0	3	3	3	0	0	0	0.00	0.00	0.00	0.00	
SMITH, PORTER AND ANITA	25	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA EDISON COMPANY	600	135	150	(11)	(88)	186	0	47	0	0	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA GAS COMPANY	98	23	25	0	0	48	35	13	0	35	0.00	0.00	0.00	0.00	
SPERRY, WESLEY	4	1	1	0	0	2	0	1	0	0	0.00	0.00	0.00	0.00	
ST. ANTONY COPTIC ORTHODOX MONASTERY	130	30	33	140	91	294	294	0	0	203	0.00	0.00	0.00	0.00	
STARKE, GEORGE A. AND JAYNE E.	23	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00	
SUNDOWN LAKES, INC.	523	118	143	27	14	302	157	78	0	157	0.00	0.00	0.00	0.00	
SUNRAY LAND COMPANY, LLC	63	15	16	0	0	31	0	15	0	0	0.00	0.00	0.00	0.00	
SZYNKOWSKI, RUTH J.	29	7	8	0	0	15	2	7	0	2	0.00	0.00	0.00	0.00	
TAPIE, RAYMOND L.	18	5	5	0	0	10	1	5	0	1	0.00	0.00	0.00	0.00	
TEISAN, JERRY	96	22	24	0	0	46	0	22	0	0	0.00	0.00	0.00	0.00	
THAYER, SHARON	97	22	10	0	0	32	13	16	0	13	0.00	0.00	0.00	0.00	
THOMAS, STEPHEN AND LORI	49	12	13	0	0	25	2	12	0	2	0.00	0.00	0.00	0.00	
TRIPLE H PARTNERSHIP	218	50	44	0	0	94	83	11	0	83	0.00	0.00	0.00	0.00	
TURNER, TERRY	30	7	8	0	0	15	1	7	0	1	0.00	0.00	0.00	0.00	

**AMENDED APPENDIX B FOR WATER YEAR 2021-22
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	2021-22 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2023 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2020-21 CARRYOVER ³	2021-22 FPA ⁴							WATER	WATER	
												\$584.00/AF	N/A	
UNION PACIFIC RAILROAD COMPANY	249	57	63	0	0	120	92	28	0	92	0.00	0.00	0.00	0.00
VACA, ANDY AND TERESITA S.	20	5	5	0	0	10	5	5	0	5	0.00	0.00	0.00	0.00
VAN BASTELAAR, ALPHONSE	78	18	0	0	4	22	22	0	0	18	0.00	0.00	0.00	0.00
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	8,128	1,829	990	(990)	(622)	1,207	557	650	0	557	0.00	0.00	0.00	0.00
VAN LEEUWEN TRUST, JOHN A. AND LETIE	2,018	455	459	0	0	914	563	351	0	563	0.00	0.00	0.00	0.00
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,613	363	404	0	0	767	0	363	0	0	0.00	0.00	0.00	0.00
WANG, STEVEN	10	3	3	0	0	6	0	3	0	0	0.00	0.00	0.00	0.00
WARD, RAYMOND	105	24	27	0	0	51	43	8	0	43	0.00	0.00	0.00	0.00
WEEMS, LIZZIE	53	12	14	0	0	26	0	12	0	0	0.00	0.00	0.00	0.00
WEERAISINGHE, MAITHRI N.	15	4	4	0	0	8	1	4	0	1	0.00	0.00	0.00	0.00
WESTERN HORIZON ASSOCIATES, INC.	1,363	307	0	0	(78)	229	229	0	0	7	0.00	0.00	0.00	0.00
WET SET, INC.	547	124	129	30	15	298	139	118	0	139	0.00	0.00	0.00	0.00
WITTE, E. DANIEL AND MARCIA	27	7	7	0	0	14	1	7	0	1	0.00	0.00	0.00	0.00
WLSR, INC.	471	106	134	27	14	281	115	102	0	115	0.00	0.00	0.00	0.00
WORSEY, JOSEPH A. AND REVAE	29	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00
YANG, ZILAN	26	6	3	0	0	9	12	0	3	9	0.00	1,752.00	0.00	1,752.00
TOTAL	63,929	14,468	10,322	(1,420)	(235)	23,135	10,521	9,208	507	8,904	0.00	296,088.00	0.00	296,088.00

APPENDIX I - SUMMARY

FEBRUARY 27, 2024

AMENDED APPENDIX B FOR WATER YEAR 2021-22
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	2021-22 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2023 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2021-22 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER	MAKEUP WATER	TOTAL
				2020-21 CARRYOVER ³	2021-22 FPA ⁴									
ESTE	19,251	12,539	13,264	(430)	0	25,373	4,114	11,640	1	3,718	0.00	584.00	0.00	584.00
OESTE	6,857	4,117	4,442	0	0	8,559	2,893	4,117	0	2,893	0.00	0.00	0.00	0.00
ALTO	114,308	62,685	14,499	(13,310)	58	63,932	74,581	1,684	11,137	50,282	30.17	6,504,008.00	17,619.28	6,521,627.28
CENTRO	49,477	31,237	32,749	(4,250)	(5,318)	54,418	15,442	25,919	18	14,826	0.00	10,512.00	0.00	10,512.00
BAJA	63,929	14,468	10,322	(1,420)	(235)	23,135	10,521	9,208	507	8,904	0.00	296,088.00	0.00	296,088.00
GRAND TOTAL	253,822	125,046	75,276	(19,410)	(5,495)	175,417	107,551	52,568	11,663	80,623	30.17	6,811,192.00	17,619.28	6,828,811.28

NOTES FOR APPENDIX I

- 1 EQUAL TO 65% OF BASE ANNUAL PRODUCTION IN THE ESTE AND CENTRO SUBAREAS.
EQUAL TO 60% OF BASE ANNUAL PRODUCTION IN THE OESTE SUBAREA
EQUAL TO 55% OF BASE ANNUAL PRODUCTION IN THE ALTO SUBAREA.
EQUAL TO 22.5% OF BASE ANNUAL PRODUCTION IN THE BAJA SUBAREA.
- 2 UNUSED FPA FROM 2020-21 NET OF ANY TRANSFERS DURING 2020-21.
- 3 TRANSFERS OF 2020-21 UNUSED FPA FOR USE DURING 2021-22. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 4 TRANSFERS OF 2021-22 BASE FREE PRODUCTION ALLOWANCE. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 5 TOTAL FREE PRODUCTION ALLOWANCE FOR 2021-22 IS EQUAL TO THE SUM OF BASE FREE PRODUCTION ALLOWANCE, CARRYOVER AND TRANSFERS.
- 6 2021-22 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 2021-22 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 2021-22 AND CONSISTS OF 1,210 ACRE-FEET IN THE ALTO SUBAREA AND 494 ACRE-FEET IN THE CENTRO SUBAREA.
- 13 THE VERIFIED PRODUCTION SHOWN INCLUDES MWA DELIVERIES THROUGH THE REGIONAL, RECHARGE AND RECOVERY PROJECT. DELIVERIES FOR 2021-22 WATER YEAR INCLUDE 1,284 ACRE-FEET FOR THE CITY OF ADELANTO, 380 ACRE-FEET FOR LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP., 749 ACRE-FEET FOR VICTORVILLE WATER DISTRICT, ID#1 AND 1,704 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.
- 15 THE FPA HAS BEEN ADJUSTED 2 FOR 1 FOR THE CHANGE IN CONSUMPTIVE USE PURSUANT TO EXHIBIT F OF THE JUDGMENT.
- 16 UNUSED FPA SHOWN FOR GENON CALIFORNIA SOUTH, LP IS NOT TRANSFERRABLE PURSUANT TO THE PURCHASE AND SALE AGREEMENT WITH MOJAVE WATER AGENCY DATED SEPTEMBER 12, 2019.
- 17 JEROME E. SHORT SOLD HIS REAL PROPERTY TO QIA HUI ZHOU IN SEPTEMBER 2020. THE BAP HAS NOT BEEN TRANSFERRED TO MR. ZHOU AT THIS TIME DUE TO PAST DUE ASSESSMENTS FOR THE 2019-20 WATER YEAR THAT ARE BEING DISPUTED.

APPENDIX J

MOJAVE BASIN AREA WATERMASTER

NOTICE LIST

APPENDIX J

FEBRUARY 28, 2024

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
35250 YERMO, LLC	ROBERTO MUNOZ	BROWN FAMILY TRUST DATED AUGUST 11, 1999	VALERIA BROWN
ABDUL, HARRY AND ANITA	JACKIE MCEVOY	BROWN, JENNIFER	JENNIFER BROWN
ABSHIRE, DAVID V.	JOHN MCCALLUM	BRUNEAU, KAREN	KAREN BRUNEAU
ADELANTO, CITY OF	DANIEL BEST	BRYANT, IAN	IAN BRYANT
ADES, JOHN AND DEVON	JOHN AND DEVON ADES	BUBIER, DIANE GAIL	DIANE GAIL BUBIER
AEROCHEM, INC.	PEDRO DUMAUA	BUDGET FINANCE COMPANY	NOAH FURIE
AGCON, INC.	LORI CLIFTON	BUNNELL, DICK	DICK BUNNELL
AHN REVOCABLE LIVING TRUST	CHUN SOO AND WHA JA AHN	BUSH, KEVIN	KEVIN BUSH
AHN REVOCABLE TRUST	SIMON AHN	CALICO LAKES HOMEOWNERS ASSOCIATION	ROBERT MURATALLA
AHN, CHUN SOO AND DAVID	CHUN SOO AHN	CALIFORNIA DEPARTMENT OF TRANSPORTATION	WILLIAM DECOURSEY
AHN, CHUN SOO AND WHA JA	CHUN SOO AHN	CALMAT COMPANY	ROBERT W. BOWCOCK
AKE, CHARLES J. AND MARJORIE M.	CHARLES J. AND MARJORIE M. AKE	CALMAT COMPANY	ROBERT W. BOWCOCK
AMERICA UNITED DEVELOPMENT, LLC	PAUL TSAI	CALMAT COMPANY	ROBERT W. BOWCOCK
AMERICAN STATES WATER COMPANY	ANA CHAVEZ	CALPORTLAND COMPANY - AGRICULTURE	CATALINA FERNANDEZ-MOORES
ANDERSON, ROSS C. AND BETTY J.	ROSS C. AND BETTY J. ANDERSON	CALPORTLAND COMPANY - ORO GRANDE PLANT	CATALINA FERNANDEZ-MOORES
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	DANIEL B. SMITH	CAMANGA, TONY AND MARIETTA	TONY CAMANGA
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	MATTHEW PATTERSON	CAMPBELL, M. A. AND DIANNE	MYRON CAMPBELL II
APPLE VALLEY UNIFIED SCHOOL DISTRICT	MATHEW SCHULENBERG	CARLTON, SUSAN	SUSAN CARLTON
APPLE VALLEY VIEW MUTUAL WATER COMPANY	EMELY AND JOE SALTMERIS	CASA COLINA FOUNDATION	DENISE PARRA
APPLE VALLEY, TOWN OF	TINA KUHNS	CDFW - CAMP CADY	DANIELLE STEWART
ATCHISON TOPEKA AND SANTA FE RAIL WAY COMPANY	DEBORAH STEPHENSON	CDFW - MOJAVE NARROWS REGIONAL PARK	BEAHTA DAVIS
AVILA, ANGEL AND EVALIA	ANGEL AND EVALIA AVILA	CDFW - MOJAVE RIVER FISH HATCHERY	PACO CABRAL
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	SHERÉ R. BAILEY	CEMEX, INC.	ALEJANDRA SILVA
BAR H MUTUAL WATER COMPANY	DANIEL SHAW	CENTER WATER COMPANY	JENNIFER CUTLER
BARBER, JAMES B.	JAMES B. BARBER	CHAMISAL MUTUAL WATER COMPANY	NANCY RYMAN
BAR-LEN MUTUAL WATER COMPANY	JOHN MUNOZ	CHEYENNE LAKE, INC.	CARL PUGH
BARON, SUSAN AND PALMER, CURTIS	CURTIS PALMER	CHOI, YONG IL AND JOUNG AE	YONG IL AND JOUNG AE CHOI
BARSTOW COMMUNITY DEVELOPERS, LLC	TEDDI MORAD	CHONG, JOAN	JOAN CHONG
BASS TRUST, NEWTON T.	BARBARA DAVISON	CHRISTISON, JOEL	JOEL CHRISTISON
BASTIANON REVOCABLE TRUST	REMO E. BASTIANON	CHUNG, ET AL.	HWA-YONG CHUNG
BEINSCHROTH FAMILY TRUST	MIKE BEINSCHROTH	CLARK, ARTHUR	ARTHUR CLARK
BEINSCHROTH, ANDY ERIC	ANDY ERIC BEINSCHROTH	CLUB VIEW PARTNERS	MANOUCHER SARBAZ
BELL, CHARLES H. TRUST DATED MARCH 7, 2014	CHUCK BELL	CONNER, WILLIAM H.	WILLIAM H. CONNER
BEST, BYRON L.	BYRON L. BEST	CONTRATTO, ERSULA	ERSULA CONTRATTO
BNSF RAILWAY COMPANY	DEBORAH STEPHENSON	CORBRIDGE, LINDA S.	GEORGE STARKE
BNSF RAILWAY COMPANY	DEBRAH STEPHENSON	CROSS, FRANCIS AND BEVERLY	GWEN BARTELS
BORJA, LEONIL T. AND TITAL L.	LEONIL T. AND TITAL L. BORJA	CROSS, SHARON I.	SHARON I. CROSS
BOX, GEARY S. AND LAURA	GEARY S. AND LAURA BOX	CROWN CAMBRIA, LLC	JAY HOOPER
BREDELIS, RONALD C. AND JEAN	RONALD C. AND JEAN BREDELIS	CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	ALESSIA MORRIS
BROMMER HOUSE TRUST	MARVIN BROMMER	DACOSTA, DEAN EDWARD	DEAN EDWARD DACOSTA

APPENDIX J

FEBRUARY 28, 2024

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
DAGGETT COMMUNITY SERVICES DISTRICT	SHANNA MITCHELL	GARDENA MISSION CHURCH, INC.	SANG HWAL KIM
DAGGETT LAND HOLDINGS LLC	JAMES KELLY	GARG, OM P.	OM P. GARG
DAGGETT RANCH, LLC	STEVE AND DANA RIVETT	GAYJIKIAN, SAMUEL AND HAZEL	BRENT PETERSON
DAGGETT SOLAR POWER 3 LLC	JAMES KELLY	GENON CALIFORNIA SOUTH, LP	JEFFREY EDWARDS
DAHLQUIST, GEORGE R.	GEORGE R. DAHLQUIST	GOLDEN STATE WATER COMPANY	NEREIDA GONZALEZ
DARR, JAMES S.	JAMES S. DARR	GORDON ACRES WATER COMPANY	SCOT GASPER
DE JONG FAMILY TRUST	ALAN L. DE JONG	GRAY, GEORGE F. AND BETTY E.	GEORGE F. AND BETTY E. GRAY
DE VRIES, NEIL AND MARY FAMILY TRUST	MARY DE VRIES	GREEN ACRES ESTATES	BRIAN E. BOLIN
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	RANDY WAGNER	GREEN HAY PACKERS LLC	ERIC ARCHIBEK
DESERT DAWN MUTUAL WATER COMPANY	MARIE MCDANIEL	GRILL, NICHOLAS P. AND MILLIE D.	NICK GRILL
DESERT GIRLZ LLC	PENNY ZARITSKY	GUBLER, HANS	HANS GUBLER
DESERT SPRINGS MUTUAL WATER COMPANY	DENISE COURTNEY	GULBRANSON, MERLIN	TAMARA J SKOGLUND
DLW REVOCABLE TRUST	DEBBY WYATT	GUTIERREZ, JOSE AND GLORIA	JOSE AND GLORIA GUTIERREZ
DOLCH LIVING TRUST ROBERT AND JUDITH	JUDITH DOLCH-PARTRIDGE, TRUSTEE	HAAS, BRYAN C. AND HINKLE, MARY H.	BRYAN C. HAAS AND MARY H. HINKLE
DONALDSON, JERRY AND BEVERLY	JERRY AND BEVERLY DONALDSON	HACKBARTH, EDWARD E.	EDWARD E. HACKBARTH
DORA LAND, INC.	JEFFERY LIDMAN	HALANNA EQUITIES III	ALEXANDRA LIOANAG
DORRANCE, DAVID W. AND TAMELA L.	DAVID DORRANCE	HAMILTON FAMILY TRUST	DOUG AND CHERYL HAMILTON
DOUGLAS, TINA	DAVID LOOPER	HANDRINOS, NICOLE A.	WILLIAM HANDRINOS
DOWELL, LEONARD	LEONARD DOWELL	HANG, PHU QUANG	PHU QUANG HANG
EVENSON, EDWIN H. AND JOYCELAINE C.	EDWIN H. AND JOYCELAINE C. EVENSON	HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	DONALD F. HANIFY
EVERT FAMILY TRUST	STEPHANIE L. EVERT	HANSON AGGREGATES WRP, INC.	MATT WOOD
FEDERAL BUREAU OF PRISONS, VICTORVILLE	DAVID DITTENMORE	HARESON, NICHOLAS AND MARY	MARY JANE HARESON
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE	TERESA W. MARIANOS	HARMSEN FAMILY TRUST	KENNY HARMSEN
FEJFAR, MONICA KAY	MONICA KAY FEJFAR	HARTER, JOE AND SUE	JOE AND SUE HARTER
FERNANDEZ, ARTURO	ARTURO FERNANDEZ	HARVEY, LISA M.	LISA M. HARVEY
FERRO, DENNIS AND NORMA	DENNIS AND NORMA FERRO	HASKINS, JAMES J.	JAMES J. HASKINS
FINCH, JENIFER	JENIFER FINCH	HASS, PAULINE L.	PAULINE L. HASS
FIRST CPA LLC	ALEX AND JERRICA LIU	HELENDALE COMMUNITY SERVICES DISTRICT	CRAIG CARLSON
FISCHER REVOCABLE LIVING TRUST	MIKE FISCHER	HELENDALE COMMUNITY SERVICES DISTRICT	KIMBERLY COX
FISHER TRUST, JEROME R.	PAUL JOHNSON	HELENDALE SCHOOL DISTRICT	JOSHUA MAZE
FOOTHILL ESTATES MHP, LLC	DAISY CRUZ	HENDLEY, RICK AND BARBARA	JEFF GALLISTEL
FOURFREE USA, INC.	JIN HYUNG KIM	HENSLEY, MARK P.	MARK P. HENSLEY
FRATES, D. COLE	D. COLE FRATES	HESPERIA - GOLF COURSE, CITY OF	JEREMY MCDONALD
FRIEND, JOSEPH AND DEBORAH	DEBORAH A. FRIEND	HESPERIA VENTURE I, LLC	JANIE MARTINES
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	MARK ASAY	HESPERIA WATER DISTRICT	JEREMY MCDONALD
GABRYCH, EUGENE	EUGENE GABRYCH	HESPERIA, CITY OF	JEREMY MCDONALD
GABRYCH, EUGENE	MITCH HAMMACK	HETTINGA REVOCABLE TRUST	CARABETH CARTER
GAETA, MIGUEL AND MARIA	MIGUEL AND MARIA GAETA	HI DESERT MUTUAL WATER COMPANY	LISSET SARDESON
GAETA, TRINIDAD	JAY STORER	HIETT, HARRY L.	HARRY L. HIETT
GARCIA, DANIEL	DANIEL GARCIA	HIGH DESERT ASSOCIATES, INC.	ROBERT W. BOWCOCK

APPENDIX J

FEBRUARY 28, 2024

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
HI-GRADE MATERIALS COMPANY	LORI CLIFTON	KASNER, ROBERT	ROBERT KASNER
HI-GRADE MATERIALS COMPANY	LORI CLIFTON	KATCHER, AUGUST M. AND MARCELINE	MARTIN A AND MERCEDES KATCHER
HI-GRADE MATERIALS COMPANY	LORI CLIFTON	KEMP, ROBERT AND ROSE	ROBERT AND ROSE KEMP
HILARIDES 1998 REVOCABLE FAMILY TRUST	FRANK HILARIDES	KEMPER CAMPBELL RANCH	PEGGY SHAUGHNESSY
HILL FAMILY TRUST AND HILL'S RANCH, INC.	KATHERINE HILL	KIM, JIN S. AND HYUN H.	JIN S. AND HYUN H. KIM
HITCHIN LUCERNE, INC.	ANNE ROARK	KIM, JOON HO AND MAL BOON REVOCABLE TRUST	ALAN AND ANNETTE DE JONG
HO, TING-SENG AND AH-GIT	TING-SENG AND AH-GIT HO	KIM, JU SANG	JU SANG KIM
HOLLISTER, ROBERT H. AND RUTH M.	JOAN ROHRER	KIM, SEON JA	SEON JA KIM
HOLWAY JEFFREY R AND PATRICIA GAGE	JEFFREY R HOLWAY AND PATRICIA GAGE	KOERING, RICHARD AND KOERING, DONNA	RICHARD KOERING
HOLWAY, JEFFREY R	JEFFREY R HOLWAY	LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	CATHERINE CERRI
HOLY HEAVENLY LAKE, LLC	KATHERINE K. HSU	LAKE JODIE PROPERTY OWNERS ASSOCIATION	CLAIRE CABREY
HONG, PAUL B. AND MAY	PAUL HONG	LAKE WAIKIKI	NANCY LAN
HOOD FAMILY TRUST	SANDRA D. HOOD	LAKE WAINANI OWNERS ASSOCIATION	C/O J.C. UPMC, INC. LORI RODGERS
HORTON FAMILY TRUST	BARRY HORTON	LAM, PHILLIP	PHILLIP LAM
HU, MINSHENG	MINSHENG HU	LANGLEY, JAMES	JAMES LANGLEY
HUBBARD, ESTER AND MIZUNO, ARLEAN	ESTER HUBBARD	LANGLEY, JAMES - INDUSTRIAL	JAMES LANGLEY
HUERTA, HECTOR	PAUL JOHNSON	LAVANH, ET AL.	VANESSA LAOSY
HUNT, CONNIE	CONNIE HUNT	LAWRENCE, WILLIAM W.	ROBERT LAWRENCE JR.
HUNT, RALPH M. AND LILLIAN F.	RALPH HUNT	LAWSON, ERNEST AND BARBARA	ERNEST AND BARBARA LAWSON
HYATT, JAMES AND BRENDA	DANIEL AND KAREN GRAY	LEE, ANNA K. AND ESHBAN K.	ANNA K. LEE
IM, NICHOLAS NAK-KYUN	NICHOLAS NAK-KYUN IM	LEE, DOO HWAN	DOO HWAN LEE
IRVIN, BERTRAND W.	BERTRAND W. IRVIN	LEE, ET AL., SEPOONG AND WOO POONG	SEPOONG & WOO POONG LEE
JACKS, JAMES F.	JAMES F. JACKS	LEE, VIN JANG T.	ERIC ARCHIBEK
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	JAMES JACKSON JR.	LEM, HOY	VIRGINIA JANOVSKY
JACKSON, RAY REVOCABLE TRUST NO. 45801	LAWRENCE DEAN	LENHERT, RONALD AND TONI	RONALD AND TONI LENHERT
JAMBOREE HOUSING CORPORATION	AUDREY GOLLER	LHC ALLIGATOR, LLC	BRAD FRANCKE
JESS RANCH WATER COMPANY	GARY A. LEDFORD	LIANG, YUAN - I AND TZU - MEI CHEN	BILLY LIANG
JOHNSON, CARLEAN	CARLEAN JOHNSON	LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	ERIC LARSEN
JOHNSON, PAUL - INDUSTRIAL	PAUL JOHNSON	LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	ERIC LARSEN
JOHNSON, RONALD	RONALD JOHNSON	LIN, KUAN JUNG AND CHUNG, DER-BING	JAMES LIN
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	LAWRENCE W. JOHNSTON	LO, ET AL.	MANSHAN GAN
JONES TRUST DATED MARCH 16, 2002	MAGDALENA JONES	LOCKHART LAND HOLDING, LLC	NEAL DAVIES
JONES, JOETTE	JOETTE JONES	LOPEZ, BALTAZAR	PATRICIA MIRANDA
JORDAN FAMILY TRUST	PAUL JORDAN	LOW, DEAN	DEAN LOW
JUBILEE MUTUAL WATER COMPANY	RAY GAGNÉ	LUA, MICHAEL T. AND DONNA S.	MICHAEL T. AND DONNA S. LUA
JUNIPER RIVIERA COUNTY WATER DISTRICT	LEE LOGSDON	LUCERNE VALLEY MUTUAL WATER COMPANY	GWEN L. BEDICS
KANESAKA, KENJI AND YUKARI	KENJI AND YUKARI KANESAKA	LUCERNE VALLEY PARTNERS	MANOUCHER SARBAZ
KARIMI, HOOSHANG	ASH KARIMI	LUCERNE VALLEY UNIFIED SCHOOL DISTRICT	PETER LIVINGSTON
KASNER FAMILY LIMITED PARTNERSHIP	ROBERT R. KASNER	LUCERNE VISTA MUTUAL WATER COMPANY	MARIAN WALENT
KASNER FAMILY LIMITED PARTNERSHIP	ROBERT R. KASNER	M BIRD CONSTRUCTION	EUGENE R. & VICKIE R. BIRD

APPENDIX J

FEBRUARY 28, 2024

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
M.B. LANDSCAPING AND NURSERY, INC.	MARIA MARTINEZ	ORO GRANDE SCHOOL DISTRICT	NICK HIGGS
MAHJOUBI, AFSAR S.	ROBERT SAIDI	P AND H ENGINEERING AND DEVELOPMENT CORPORATION	TAGHI SHORAKA
MANNING, SHARON S.	JIMMY BERRY	PACIFIC GAS AND ELECTRIC COMPANY	JESSICA BAILS
MARCROFT, JAMES A. AND JOAN	ALLEN MARCROFT	PAK, KAE SOO AND MYONG HUI KANG	KAE SOO AND MYONG HUI KANG PAK
MARIANA RANCHOS COUNTY WATER DISTRICT	JAMES M. HANSEN, JR.	PATINO, JOSÉ	JOSÉ PATINO
MARSHALL, CHARLES	CHARLES MARSHALL	PAUSTELL, JOAN BEINSCHROTH	JOAN BEINSCHROTH PAUSTELL
MARTIN, MICHAEL D. AND ARLENE D.	MICHAEL D. AND ARLENE D. MARTIN	PEARCE, CRAIG L.	CRAIG L. PEARCE
MCCOLLUM, CHARLES L.	ROD SEXTON	PERKO, BERT K.	BERT K. PERKO
MCKINNEY, PAULA	PAULA MCKINNEY	PETTIGREW, DAN	DAN PETTIGREW
MEAD FAMILY TRUST	OLIVIA L. MEAD	PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	SEAN WRIGHT
MILBRAT, IRVING H.	DAVID I. MILBRAT	POLAND, JOHN R. AND KATHLEEN A.	JOHN POLAND
MILLER LIVING TRUST	DONNA MILLER	POLICH, DONNA	DONNA POLICH
MITSUBISHI CEMENT CORPORATION	DAVID RIDDLE	PORTER, TIMOTHY M.	TIMOTHY M. PORTER
MIZRAHIE, ET AL.	PHILIP MIZRAHIE	PRECISION INVESTMENTS SERVICES, LLC	CARIN MCKAY
MLH, LLC	THOMAS A. HRUBIK	PRICE, DONALD AND RUTH	DONALD AND RUTH PRICE
MOJAVE DESERT LAND TRUST	SARAH BLISS	PRUETT, ANDREA	ANDREA PRUETT
MOJAVE SOLAR, LLC	MAHNAS GHAMATI	QUAKENBUSH, SAMUEL R.	SAMUEL R. QUAKENBUSH
MOJAVE WATER AGENCY	DOUG KERNS	QUIROS, FRANSISCO J. AND HERRMANN, RONALD	RON HERRMANN
MOJAVE WATER AGENCY	DOUG KERNS	RANCHERITOS MUTUAL WATER COMPANY	ELIZABETH MURENA
MONACO INVESTMENT COMPANY	MANOUCHER SARBAZ	REED, MIKE	MIKE REED
MORRIS TRUST, JULIA V.	KEN ELLIOT	REIDO FARMS, LLC	BRIAN C. VAIL
MOSS, LAWRENCE W. AND HELEN J.	LAWRENCE W. AND HELEN J. MOSS	RHEE, ANDREW N.	ANDREW N. RHEE
MOST FAMILY TRUST	BRADFORD RAY MOST	RICE, HENRY C. AND DIANA	KELLY RICE
MULLIGAN, ROBERT AND INEZ	DENNIS HILLS	RIM PROPERTIES, A GENERAL PARTNERSHIP	IAN BRYANT
MURPHY, JEAN	JEAN MURPHY	RIOS, MARIANO V.	JOSIE RIOS
MUSIC, ZAJO	ZAJO MUSIC	RIVERO, FIDEL V.	FIDEL V. RIVERO
NAVAJO MUTUAL WATER COMPANY	JAMES HANSEN	RIZVI, S.R ALI	S.R ALI RIZVI
NEW SPRINGS LIMITED PARTNERSHIP	BILLY LIANG	ROBERTSON'S READY MIX	BILL TAYLOR OR PROPERTY MNGR
NEWBERRY COMMUNITY SERVICES DISTRICT	JODI HOWARD	ROBERTSON'S READY MIX	BILL TAYLOR OR PROPERTY MNGR
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	JEFF GAASTRA	ROBERTSON'S READY MIX	BILL TAYLOR OR PROPERTY MNGR
NORRIS TRUST, MARY ANN	MARY ANN NORRIS	ROBERTSON'S READY MIX	BILL TAYLOR OR PROPERTY MNGR
NSSLC, INC.	KENTON EATHERTON	ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI	SUSAN SOMMERS
NUÑEZ, LUIS SEGUNDO	LUIS SEGUNDO NUÑEZ	ROYAL WAY	ROBERT VEGA
NUNN FAMILY TRUST	PEARL OR GAIL NUNN	RUE RANCH, INC.	DAVID KELLY GRAY
O. F. D. L., INC.	JEFF GAASTRA	RUISCH TRUST, DALE W. AND NELLIE H.	DALE W. RUISCH
OASIS WORLD MISSION	CHUN SOO AHN	S AND B BROTHERS, LLC	SHERWIN SHORAKA
ODESSA WATER DISTRICT	KODY TOMPKINS	S AND E 786 ENTERPRISES, LLC	JAFAR RASHID
OHAI, REYNOLDS AND DOROTHY	DOROTHY OHAI	SABA FAMILY TRUST DATED JULY 24, 2018	SARA FORTUNA
OMYA CALIFORNIA, INC.	CRAIG MAETZOLD	SAGABEAN-BARKER, KANOELOKELANI L.	KANOE BARKER
OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K.	JOHN P. OOSTDAM	SAMRA, JAGTAR S.	JAGTAR S. SAMRA

APPENDIX J

FEBRUARY 28, 2024

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT		THOMPSON LIVING TRUST, R.L. AND R.A.	RODGER THOMPSON
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTER	JARED BEYELER	THRASHER, GARY	GARY THRASHER
SAN BERNARDINO COUNTY SERVICE AREA 29	TREVOR LEJA	THUNDERBIRD COUNTY WATER DISTRICT	DOUG HEINRICH
SAN BERNARDINO COUNTY SERVICE AREA 42	JARED BEYELER	TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	
SAN BERNARDINO COUNTY SERVICE AREA 64	JARED BEYELER	TRIPLE H PARTNERSHIP	JIM HOOVER
SAN BERNARDINO COUNTY SERVICE AREA 70J	JARED BEYELER	TROEGER FAMILY TRUST, RICHARD H.	MIKE TROEGER
SCRAY, MICHELLE A. TRUST	MICHELLE SCRAY	TURNER, TERRY	TERRY TURNER
SEXTON, RODNEY A. AND SEXTON, DEREK R.	ROD SEXTON	UNION PACIFIC RAILROAD COMPANY	AURELIO IBARRA
SHEEP CREEK WATER COMPANY	JOSEPH TAPIA	UPPAL, GAGAN	GAGAN UPPAL
SHENG, JEN	JEN SHENG	VAAGE, GAGE V.	GAGE V. VAAGE
SHEPPARD, THOMAS AND GLORIA	THOMAS AND GLORIA SHEPPARD	VACA, ANDY AND TERESITA S.	ANDY AND TERESITA S. VACA
SHORT, JEROME E.	JEROME E. SHORT	VAN BASTELAAR, ALPHONSE	DEAN VAN BASTELAAR
SILVER LAKES ASSOCIATION	FRANCISCO IBARRA	VAN DAM FAMILY TRUST, GLEN AND JENNIFER	GLEN AND JENNIFER VAN DAM
SINGH, ET AL.	NEPAL SINGH	VAN LEEUWEN TRUST, JOHN A. AND IETIE	JACOB BOOTSMAN
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	VERNOLA TRUST, PAT AND MARY ANN	JOHN DRISCOLL
SNOWBALL DEVELOPMENT, INC.	STEVE KIM	VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	JOHN NAHLEN
SON'S RANCH	CHAN KYUN SON	VICTOR VALLEY MEMORIAL PARK	JADE KIPHEN
SOUTHERN CALIFORNIA EDISON COMPANY	ERIKA CLEMENT	VICTORVILLE WATER DISTRICT, ID#1	ARNOLD VILLARREAL
SOUTHERN CALIFORNIA GAS COMPANY	SCOTT BREWER	VICTORVILLE WATER DISTRICT, ID#2	ARNOLD VILLARREAL
SPECIALTY MINERALS, INC.	MARIA DE LARA CRUZ	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	ERIC MILLER	WANG, STEVEN	STEVEN WANG
SPRING VALLEY LAKE COUNTRY CLUB	JOE TROMBINO	WARD, BARBARA	BARBARA ALLARD-WARD
ST. ANTONY COPTIC ORTHODOX MONASTERY	FATHER SARAPAMON	WARD, RAYMOND	RAYMOND WARD
STARKE, GEORGE A. AND JAYNE E.	GEORGE A. AND JAYNE E. STARKE	WEEMS, LIZZIE	LIZZIE WEEMS
STORM, RANDALL	RANDALL STORM	WEERASINGHE, MAITHRI N.	MAITHRI N. WEERASINGHE
SUDMEIER, GLENN W.	GLENN W. SUDMEIER	WERNER, ANDREW J.	ANDREW J. WERNER
SUMMIT VALLEY RANCH, LLC	ALEXANDRA LIOANAG	WEST END MUTUAL WATER COMPANY	JAMES WOODY
SUNDOWN LAKES, INC.	ALEX VIENNA	WEST, HOWARD AND SUZY	HOWARD AND SUZY WEST
SUNRAY LAND COMPANY, LLC	STEPHEN H. DOUGLAS	WEST, JIMMIE E.	JIMMIE E. WEST
SYNAGRO-WWT, INC. (DBA NURSURY PRODUCTS, LLC)	VENNY VASQUEZ	WESTERN DEVELOPMENT AND STORAGE, LLC	NICK GATTI
SZYKOWSKI, RUTH J.	RUSSELL SZYKOWSKI	WESTERN HORIZON ASSOCIATES, INC.	CHUNG CHO GONG
TALLAKSON FAMILY REVOCABLE TRUST	BILL AND ELIZABETH TALLAKSON	WESTERN WATER COMPANY	WILMA SILVERIA
TAPIE, RAYMOND L.	RAYMOND L. TAPIE	WESTLAND INDUSTRIES, INC.	GENARO ZAPATA
TEISAN, JERRY	JERRY TEISAN	WET SET, INC.	THOMAS G. FERRUZZO
THAYER, SHARON	DARYL OR LUCINDA LAZENBY	WIENER, MELVIN AND MARIAM S.	MELVIN AND MARIAM S. WIENER
THOMAS, STEPHEN AND LORI	STEPHEN THOMAS	WILSHIRE ROAD PARTNERS	MANOUCHER SARBAZ
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	LYNNETTE L. THOMPSON	WITHEY, CONNIE	CONNIE TAPIE

APPENDIX J
MOJAVE BASIN AREA WATERMASTER
NOTICE LIST

FEBRUARY 28, 2024

OWNER	DESIGNEE	OWNER	DESIGNEE
WITTE, E. DANIEL AND MARCIA WLSR, INC.	E. DANIEL AND MARCIA WITTE MARK J. CLUFF		
WORSEY, JOSEPH A. AND REVAE	DAVID A. WORSEY		
YANG, ZILAN	ZILAN YANG		

APPENDIX K

PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT

2022-23 WATER YEAR

APPENDIX K

FEBRUARY 28, 2024

PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT
WATER YEAR 2022-23
(ALL AMOUNTS IN ACRE-FEET)

SUBAREA	TRANSFEROR	TRANSACTION						STATUS OF RIGHTS AFTER PERMANENT TRANSFER			
		VERIFIED BASE ANNUAL PRODUCTION	CURRENT BASE ANNUAL PRODUCTION RIGHT (PERCENT)	DATE PROCESSED BY WATERMASTER	TYPE OF TRANSACTION	TRANSFER AMOUNT	TRANSFeree	TRANSFeree		TRANSFEROR	
								VERIFIED BASE ANNUAL PRODUCTION	BASE ANNUAL PRODUCTION RIGHT (PERCENT)	VERIFIED BASE ANNUAL PRODUCTION	BASE ANNUAL PRODUCTION RIGHT (PERCENT)
BAJA	WESTERN HORIZON ASSOCIATES, INC.	1,363	2.0603	09/28/2022	SALE	200	LAKE WAINANI OWNERS ASSOCIATION	1,925	2.9097	1,163	1.7579
BAJA	ITALMOOD INC., ET AL.	190	0.2872	10/26/2022	SALE	190	UPPAL, GAGAN	190	0.2872	0	0.0000
ESTE	DAHLQUIST, GEORGE R.	524	2.5934	12/08/2022	SALE	200	LUCERNE VALLEY UNIFIED SCHOOL DISTRICT	200	0.9899	324	1.6036
CENTRO	CHAFa, LARRY R. AND DELINDA C.	46	0.0818	01/25/2023	SALE	46	HELENDALE COMMUNITY SERVICES DISTRICT	284	0.5047	0	0.0000
CENTRO	HOWARD, ET AL.	43	0.0764	01/25/2023	SALE	43	HELENDALE COMMUNITY SERVICES DISTRICT	327	0.5811	0	0.0000
BAJA	ATCHISON TOPEKA AND SANTA FE RAIL WAY COMPANY	80	0.1209	05/09/2023	SALE	80	BNSF RAILWAY COMPANY	80	0.1209	0	0.0000
CENTRO	ATCHISON TOPEKA AND SANTA FE RAIL WAY COMPANY	120	0.2133	05/09/2023	SALE	120	BNSF RAILWAY COMPANY	120	0.2133	0	0.0000
BAJA	KOSHAREK, NANCY	54	0.0816	05/24/2023	SALE	54	VAAGE, GAGE V.	54	0.0816	0	0.0000
ALTO	SERVICE ROCK PRODUCTS CORPORATION	20	0.0172	05/24/2023	SALE	20	ROBERTSON'S READY MIX	20	0.0172	0	0.0000
CENTRO	SERVICE ROCK PRODUCTS CORPORATION	766	1.3613	05/24/2023	SALE	766	ROBERTSON'S READY MIX	766	1.3613	0	0.0000
ALTO	FRAZIER, ET AL.	50	0.0430	07/26/2023	SALE	50	VICTORVILLE WATER DISTRICT, ID#1	23,070	19.8175	0	0.0000
ALTO	LUCKEY 2010 REVOCABLE TRUST	300	0.2577	07/26/2023	SALE	300	VICTORVILLE WATER DISTRICT, ID#1	23,370	20.0752	0	0.0000
ALTO	PAUSTELL, JOAN BEINSCHROTH	152	0.1306	07/26/2023	SALE	10	VICTORVILLE WATER DISTRICT, ID#1	23,380	20.0838	142	0.1220
CENTRO	VAN LEEUWEN TRUST, JOHN A. AND IETIE	1,465	2.6036	07/26/2023	SALE	1,465	BNSF RAILWAY COMPANY	1,585	2.8168	0	0.0000
CENTRO	EYGNOR, ROBERT E.	50	0.0889	09/27/2023	SALE	50	REIDO FARMS, LLC	50	0.0889	0	0.0000
BAJA	LANGLEY REVOCABLE TRUST AND SHARON LANGLEY	20	0.0302	09/27/2023	SALE	20	HANG, PHU QUANG	20	0.0302	0	0.0000