

MOJAVE BASIN AREA WATERMASTER

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

May 1, 2023

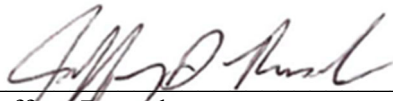
**TO: Clerk of the Superior Court
of Riverside County, California**

RE: Watermaster Annual Report for Water Year 2021-22

Pursuant to Judgment After Trial in the case of City of Barstow, et al., vs. City of Adelanto, et al., Case No. 208568 entered January 10, 1996, submitted herewith is the Twenty-ninth Annual Report of the Mojave Basin Area Watermaster, dated May 1, 2023, setting forth the activities and determinations of the Watermaster for Water Year 2021-22.

Respectfully submitted,

MOJAVE BASIN AREA WATERMASTER

By: 
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Watermaster Services Manager

WATERMASTER:
Kimberly Cox, Chairman
Rick Roelle, Vice Chairman
Ken Anderson
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Allison Febbo, Executive Officer
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TWENTY-NINTH ANNUAL REPORT

OF THE

MOJAVE BASIN AREA WATERMASTER

WATER YEAR 2021-22

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

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MOJAVE BASIN AREA WATERMASTER
FOR WATER YEAR 2021-2022**

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CHAPTER 1

INTRODUCTION

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

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

Scope of Report

This Report summarizes most of the information required by the Stipulated Judgment and includes a summary of the Watermaster activities and water supply conditions for Water Year 2021-22. Appendix L to this report consists of a detailed accounting of surface water and groundwater production for Water Year 2021-22. 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 2023-24: Chapter 6
- j. Transfers of Base Annual Production Rights: Appendix E, K & L (Table 8)

- k. Transfers of Free Production Allowance during 2021-22: 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 2023-24: Chapter 6
- q. Projected Replacement and Makeup Water Assessment Rates for 2022-23 and 2023-24: Chapter 6
- r. Status of Subarea Obligations: Chapter 4
- s. Biological Trust Fund Financial Report: Chapter 6
- t. Auditor's Report: Appendix G

History of Litigation

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

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

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

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

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

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

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

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

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

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

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

Summary of the Judgment

For purposes of defining and implementing a physical solution, the Basin is considered to consist of five distinct but hydrologically interrelated “Subareas.” Each Subarea was found to be in overdraft to some extent due to the use of water by all of the producers in that Subarea. In addition, historically some Subareas were found to have received at least a part of their natural water supply from water flowing to them from upstream Subareas either on the surface or as subsurface flow. To maintain that historical relationship, the average annual obligation of any Subarea to another is set equal to the estimated average annual natural flow (excluding storm flow)

between the Subareas over the 60-year period 1930-31 through 1989-90. If the Subarea obligation is not met, Producers of water that does not bear a replacement obligation in the upstream Subarea must provide makeup water.

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

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

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

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

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

The Physical Solution

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CHAPTER 2

SUMMARY OF WATERMASTER ACTIVITIES

During Water Year 2021-22, the Mojave Basin Area Watermaster consisted of Ken Anderson, Kimberly Cox, Jeanette Hayhurst, Michael Limbaugh, Mike Page, Rick Roelle, and Jim Ventura. Kimberly Cox and Michael Limbaugh served as Chairperson and Vice Chairperson respectively. Allison Febbo served as Executive Officer, Deronda Smith as Secretary and Lynne Chaimowitz as Treasurer.

The first Watermaster meeting of the 2021-22 Water Year was held on October 27, 2021 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-eighth Annual Report of the Mojave Basin Area Watermaster for Water Year 2020-21, which was published under the date May 1, 2022.

Watermaster adopted recommendations for FPA for Water Year 2022-23 as indicated in Watermaster's Twenty-eighth Annual Report to the Court. The Court subsequently adopted Watermaster's recommendations but modified the recommendation for Alto and Baja. The modifications are included in the Court's Orders dated June 6, 2022 and September 19, 2022.

Actions taken by the Watermaster during the year included acceptance of the Report on Audit for Fiscal Year 2020-21, approval of the Administrative Budget for Water Year 2022-23, and approval of Replacement, Makeup, Administrative and Biological Assessment Rates for Water Year 2022-23. The Administrative Budget and Assessment Rates for 2022-23 were adopted and are summarized on Table 2-1.

Transfers

There were 235 transfers of FPA and Carryover FPA during the year. These transfers are reported in Appendix E. There were 12 transfers of BAP. Transfers of BAP are reported in Appendix E, K & L (Table 8). Any additional transfers of unused 2021-22 FPA that may take place prior to June 1, 2023 will be reported in Appendix E of the Watermaster's Annual Report for 2022-23.

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 2021-22 was \$0.96 per acre-foot. Expenditures from the Biological Resources Trust Fund during the year for DFW projects totaled \$96,132.80. The Biological Resources Assessment Rate for 2022-2023 increased to \$1.03 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 2022-23**

ADMINISTRATIVE BUDGET

1.	Administrative Services	\$ 337,852.00
2.	Engineering Services	\$ 93,500.00
3.	Legal Services	\$ 90,000.00
4.	Audit Services	\$ 3,900.00
Total Estimated Budget		\$ <u>552,252.00</u>

ASSESSMENT RATES

1. Administrative
\$4.65/acre-foot of Production
2. Biological
\$ 1.03/acre-foot of Production
3. Replacement and Makeup Water
2021-22 \$584.00 /acre-foot¹
(6/1/23 Invoice Date)
2022-23 “*Not to exceed*” \$645.00 /acre-foot²
(6/1/24 Invoice Date)

^{1.} The rate adopted for Water Year 2021-22 was adopted by the Mojave Water Agency on January 12, 2023 pursuant to Resolution No. 1141-23 in accordance with the changes to the Watermaster Rules and Regulations adopted October 29, 2008.

^{2.} This rate is for obligations incurred in the 2022-23 Water Year which will be billed in June 2024. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency by February 2024.

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 2021-2022 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 2021-22 was conducted by the Watermaster staff and included verification of all parties to the Judgment. The verified production of all parties for Water Year 2021-22 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, 2022. 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 2021-22 Water Year.

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

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

Precipitation data utilized by Watermaster is compiled from records obtained from the National Oceanographic and Atmospheric Administration ("NOAA") for Victorville and Barstow precipitation stations and for Lake Arrowhead from the San Bernardino County, Department of Public Works precipitation Station #5140 (Lake Arrowhead Fire Station #1).

Related MWA Activities

MWA 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.

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, and two similar wells were also installed in Oeste. 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 will be updated as part of the ongoing investigations

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. This will greatly augment its already extensive network for monitoring of supply and basin management purposes.

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 2021-22 Water Year was 4,117 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 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 \$25,000 in 2021-22 and another \$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 2021-22 and another \$40,000 in 2022-23 to the project for removal and retreatment in the Exhibit H areas identified in the Judgment in the Alto and Baja Subareas.

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

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.

In April of 2022, the MWA authorized the development of a drought resiliency program for importation of supplemental water supply into the basin area for drought management purposes. The plan is currently being developed and is expected to be completed by June 2023.

Funding for the additional water purchases was also included in MWA's budget for 2022-23. As a first step, 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.

CHAPTER 3

WATER SUPPLY CONDITIONS

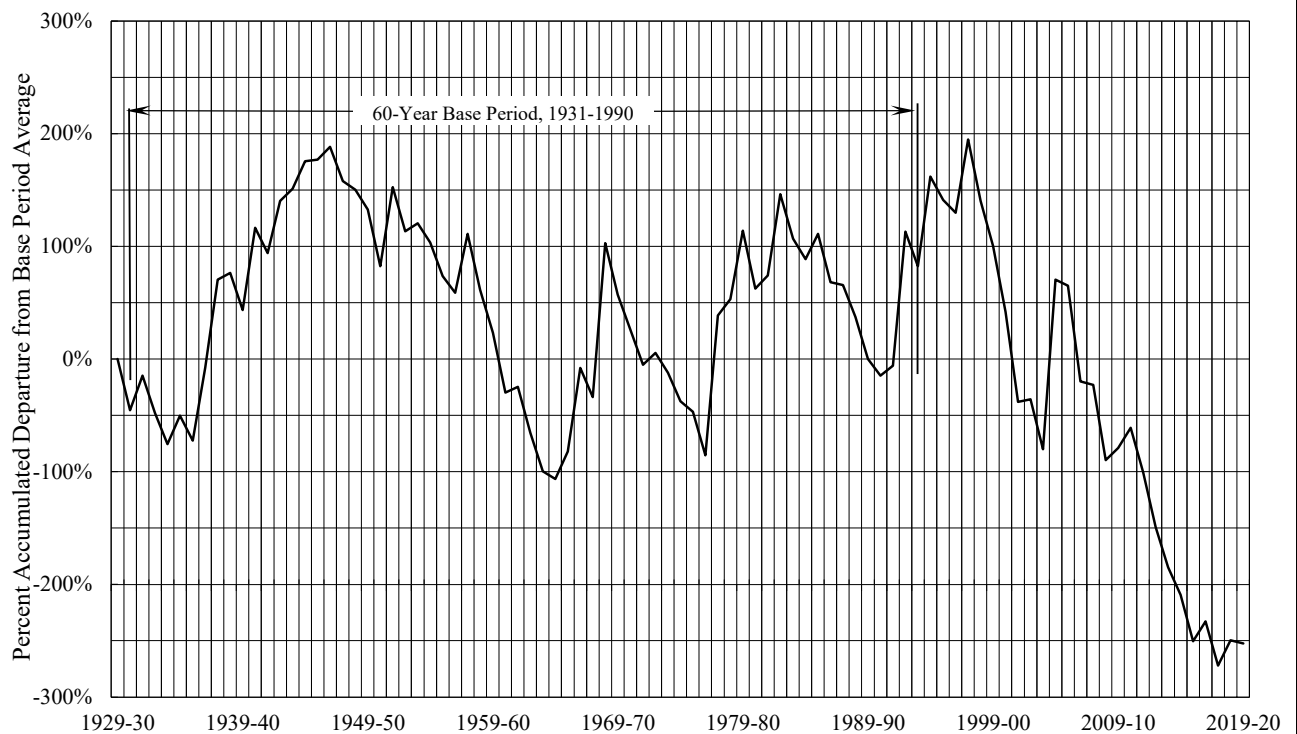
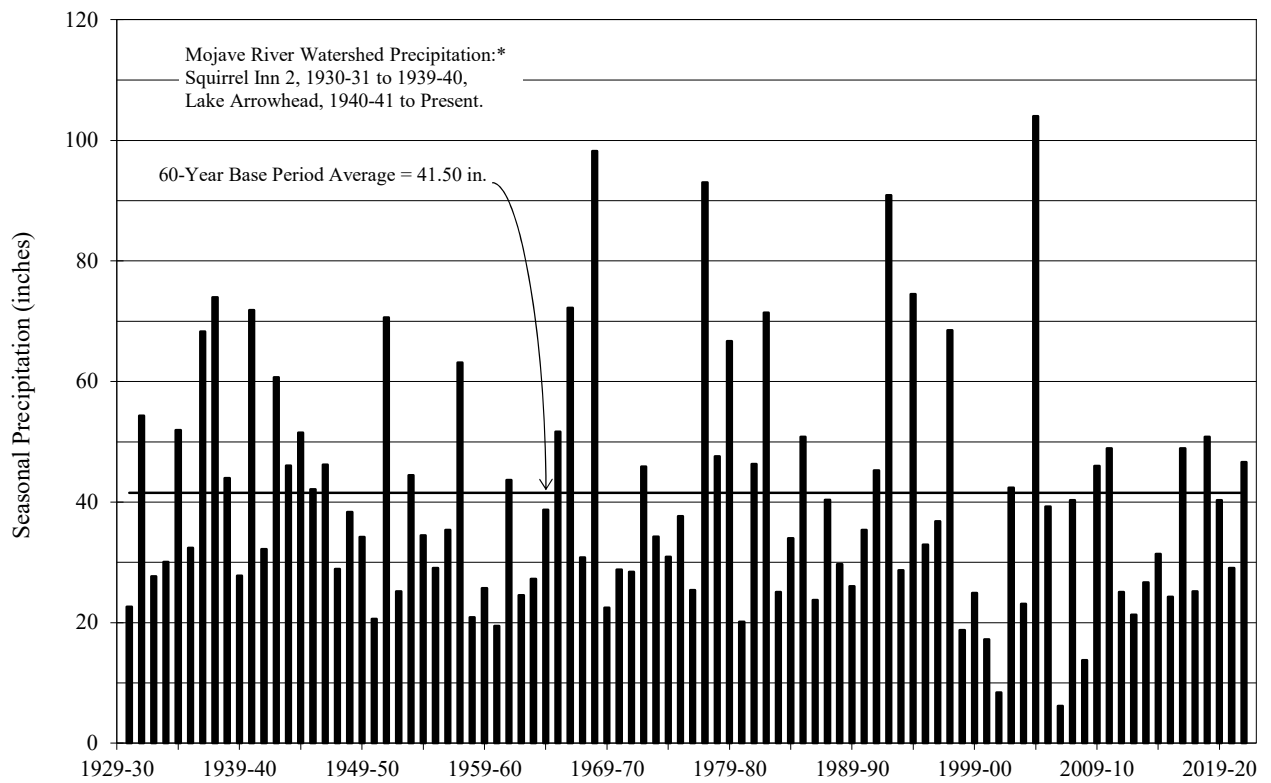
After experiencing below average precipitation during 2020-21, the precipitation in the Mojave River Watershed during 2021-22, as measured at Lake Arrowhead was above average at about 112 percent of the 60 Year Base Period average. The combined flow of the West Fork Mojave River and Deep Creek during the 2021-22 Water Year was about 30 percent of the 60-Year Base Period average.

Precipitation During 2021-22

Rainfall in the mountain areas is the principal source of natural water supply to the Mojave Basin Area. During the 2021-22 Water Year the precipitation at Lake Arrowhead amounted to 46.64 inches, which is about 112 percent of the Base Period average of 41.5 inches. The maximum monthly rainfall of 23.91 inches occurred in December 2021, with 4.59 inches and 4.36 inches occurring during October 2021 and February 2022, respectively. Figure 3-1 shows the seasonal precipitation from 1930-31 through 2021-22 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 2.60 inches and 1.85 inches, respectively. The amount recorded at Victorville represents approximately 48 percent of the annual average of 5.40 inches and the amount recorded at Barstow represents approximately 41 percent of the annual average of 4.52 inches. Figure 3-2 shows the seasonal precipitation at Victorville and Barstow.

Runoff During 2021-22

Locations of stream flow gages for the Mojave River system are shown on Appendix A. Table 3-1 shows monthly discharge amounts for 2021-22 at these locations.



Precipitation Characteristics, Mojave River Watershed

FIGURE 3-1

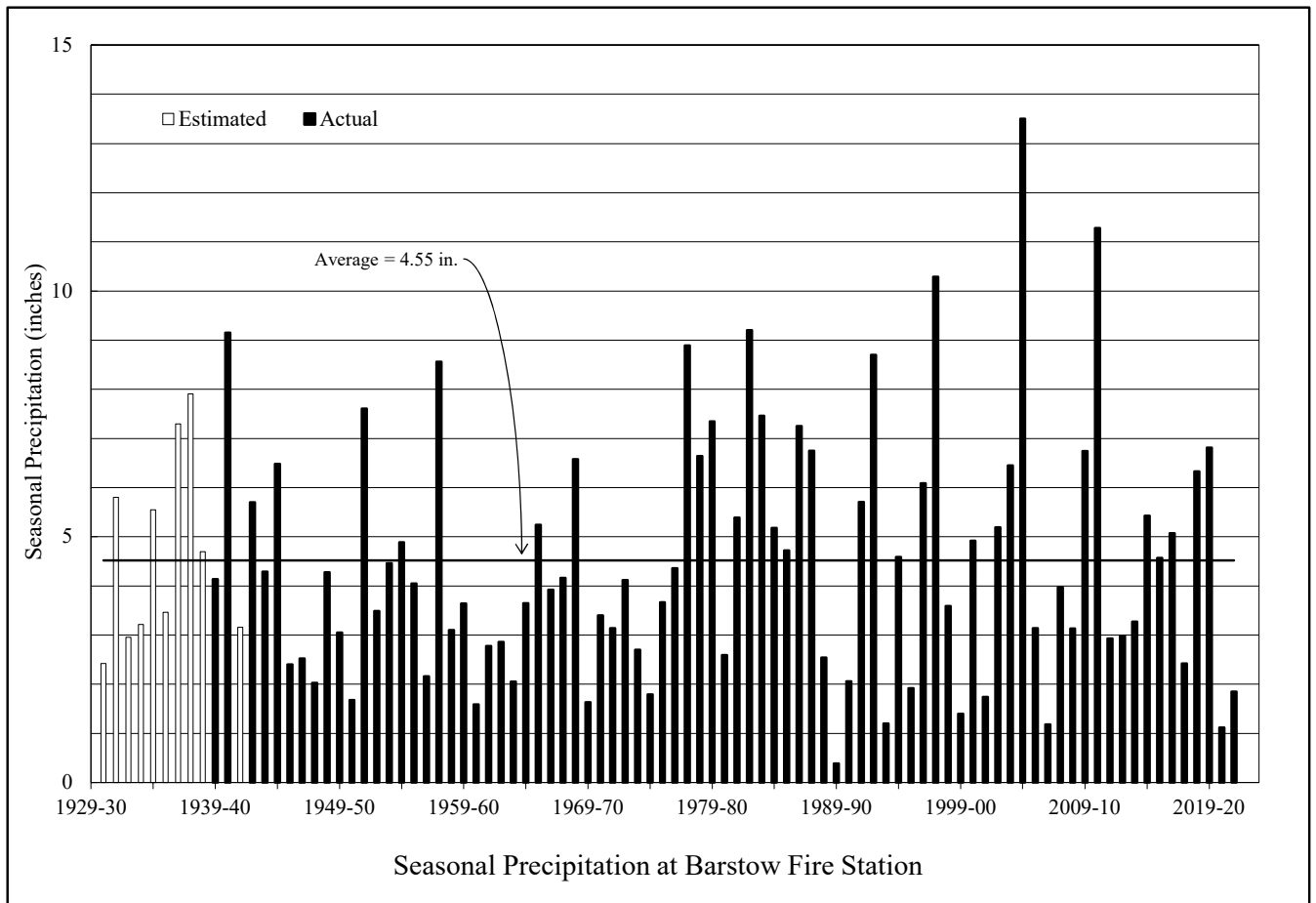
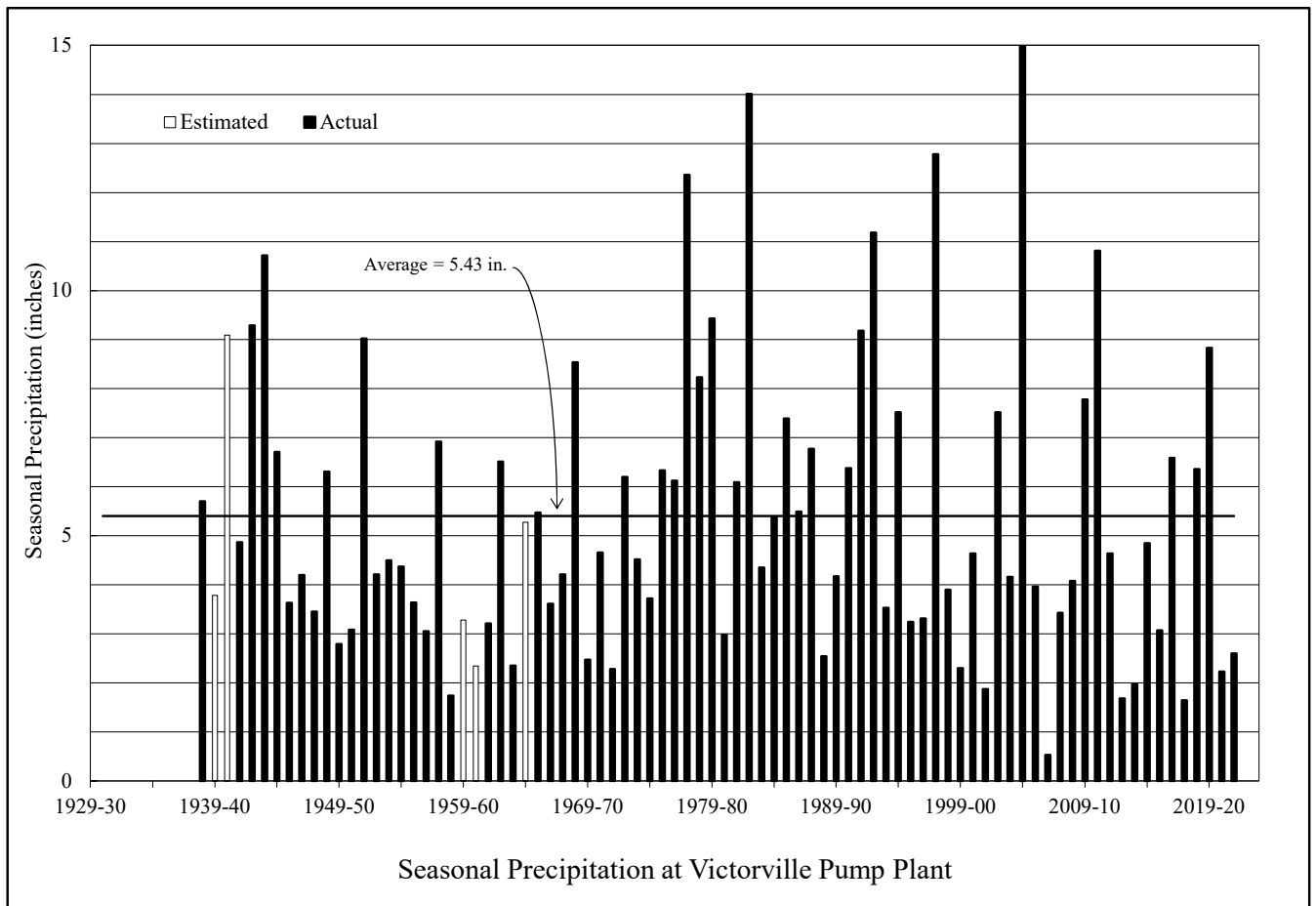


FIGURE 3-2

TABLE 3-1
MONTHLY DISCHARGE AMOUNTS
FOR WATER YEAR 2021-22
(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	97.4	126	0	126	0.0	0.00	0.0	0.00
November	170.0	209	0	209	0.0	1.57	0.0	1.57
December	11,679.0	535	612	1,147	0.0	9.60	0.0	9.60
January	2,732.0	554	0	554	0.0	20.40	0.0	20.40
February	841.6	531	19	550	0.0	15.40	0.0	15.40
March	2,041.8	553	0	553	0.0	18.40	0.0	18.40
April	1,356.0	373	0	373	0.0	16.30	0.0	16.30
May	485.0	185	0	185	0.0	8.33	0.0	8.33
June	119.0	86	0	86	0.0	0.02	0.0	0.02
July	36.6	63	0	63	0.0	0.00	184.0	184.00
August	20.7	50	0	50	0.0	0.00	133.0	133.00
September	61.9	72	0	72	0.0	0.00	734.0	734.00
Total (AF)	19,641	3,337	631	3,968	0	90	1,051	1,141

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 2021-22 as measured by the combined discharges of the West Fork Mojave River and Deep Creek was 19,641 acre-feet or about 30 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 2021-22 and the accumulated departure from the Base Period average are shown on Figure 3-3.

At Lower Narrows

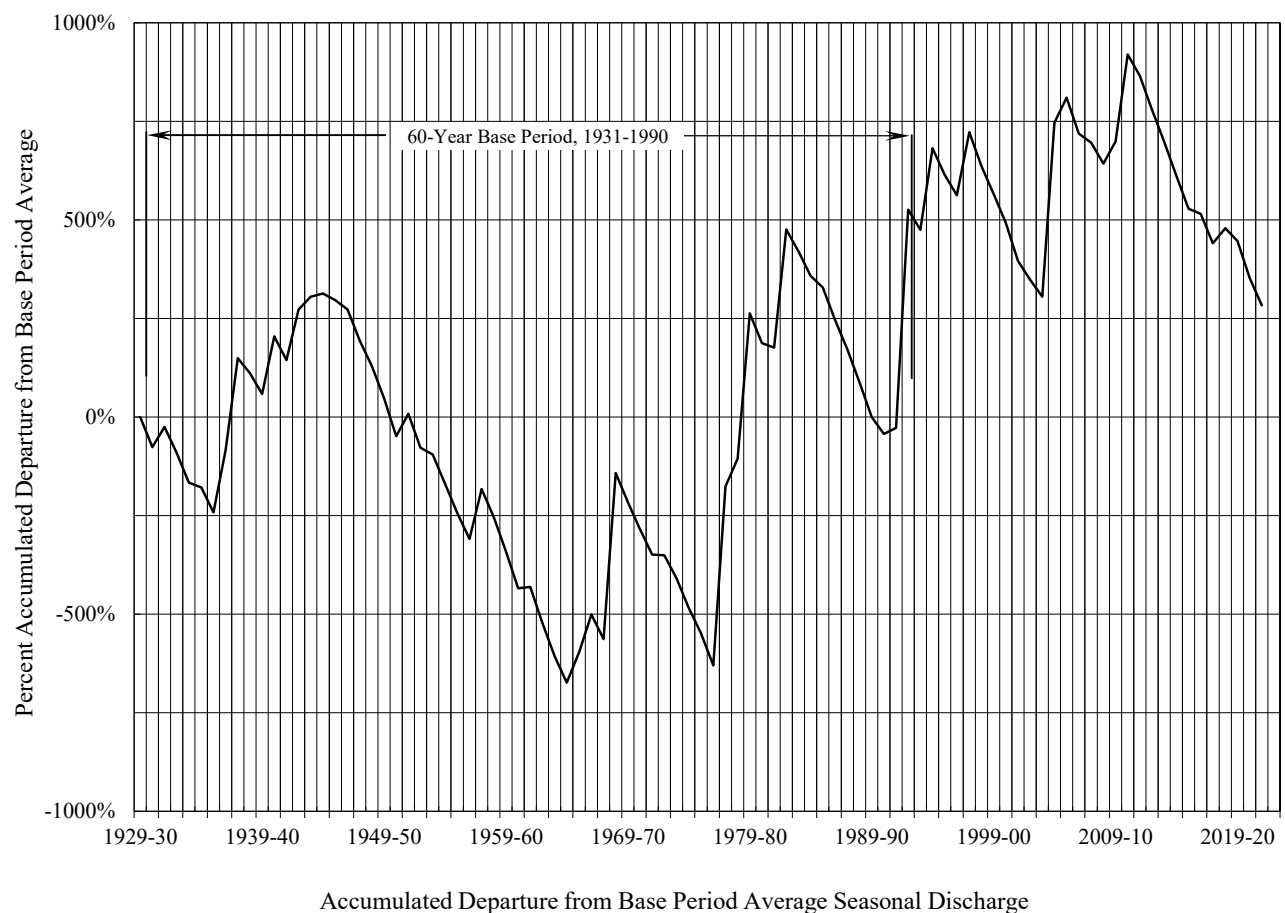
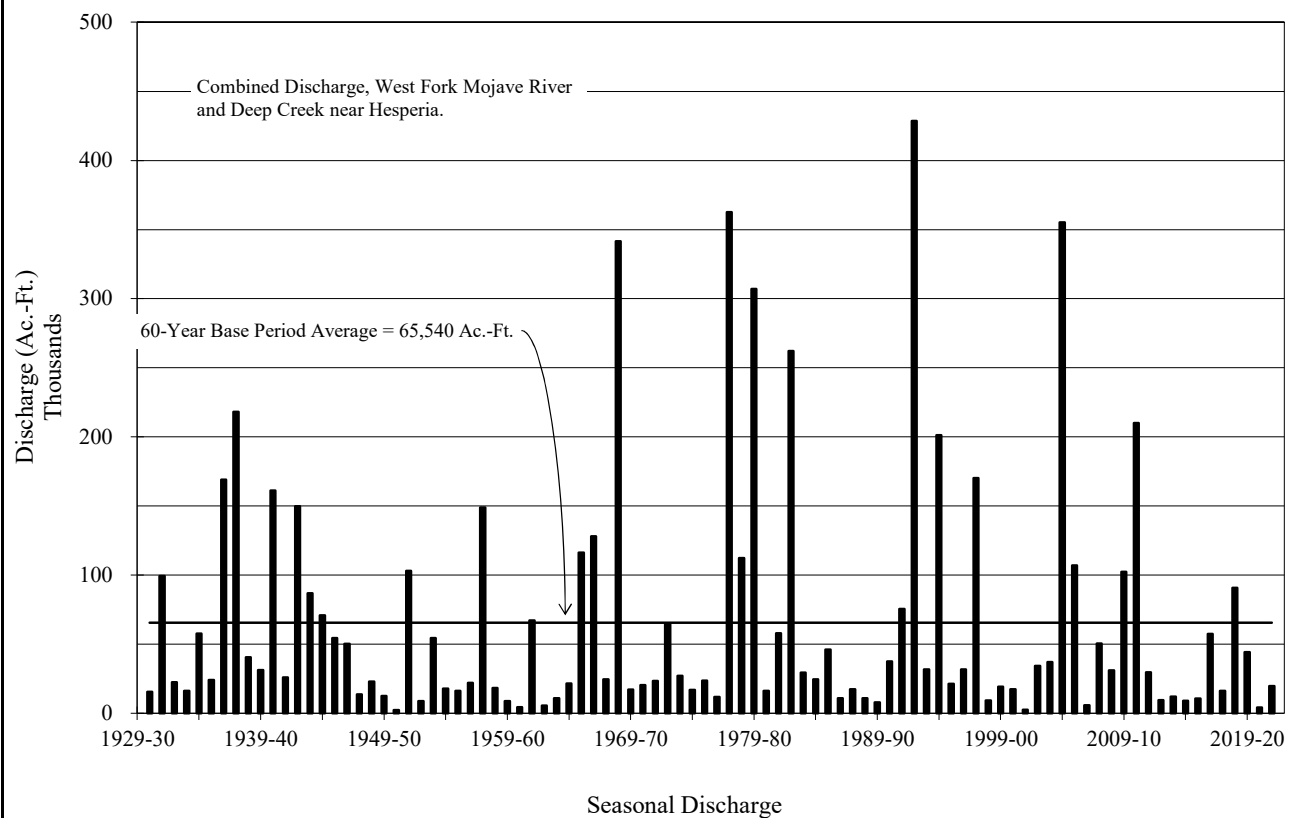
The total surface flow of the Mojave River at the Lower Narrows was 3,968 acre-feet, which is about 7.64 percent of the 60-Year Base Period average of 51,960 acre-feet. During Water Year 2021-22 the total flow accruing to the Lower Narrows Gage was estimated to consist of 631 acre-feet of storm flow and 3,337 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 2021-22.

At Barstow

The total surface flow of the Mojave River at Barstow was 0 acre-feet. Figure 3-5 shows the total flow in the Mojave River at Barstow for the period 1930-31 through 2021-22.

At Afton

The total surface flow of the Mojave River at Afton was 1,141 acre-feet, which is about 14 percent of the Base Period average of 8,247 acre-feet. During 2021-2022 the total flow accruing to the Afton Gage was estimated to consist of 1,051 acre-feet of storm flow and 90 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 2021-22.



Discharge Characteristics, Mojave River at the Forks

FIGURE 3-3

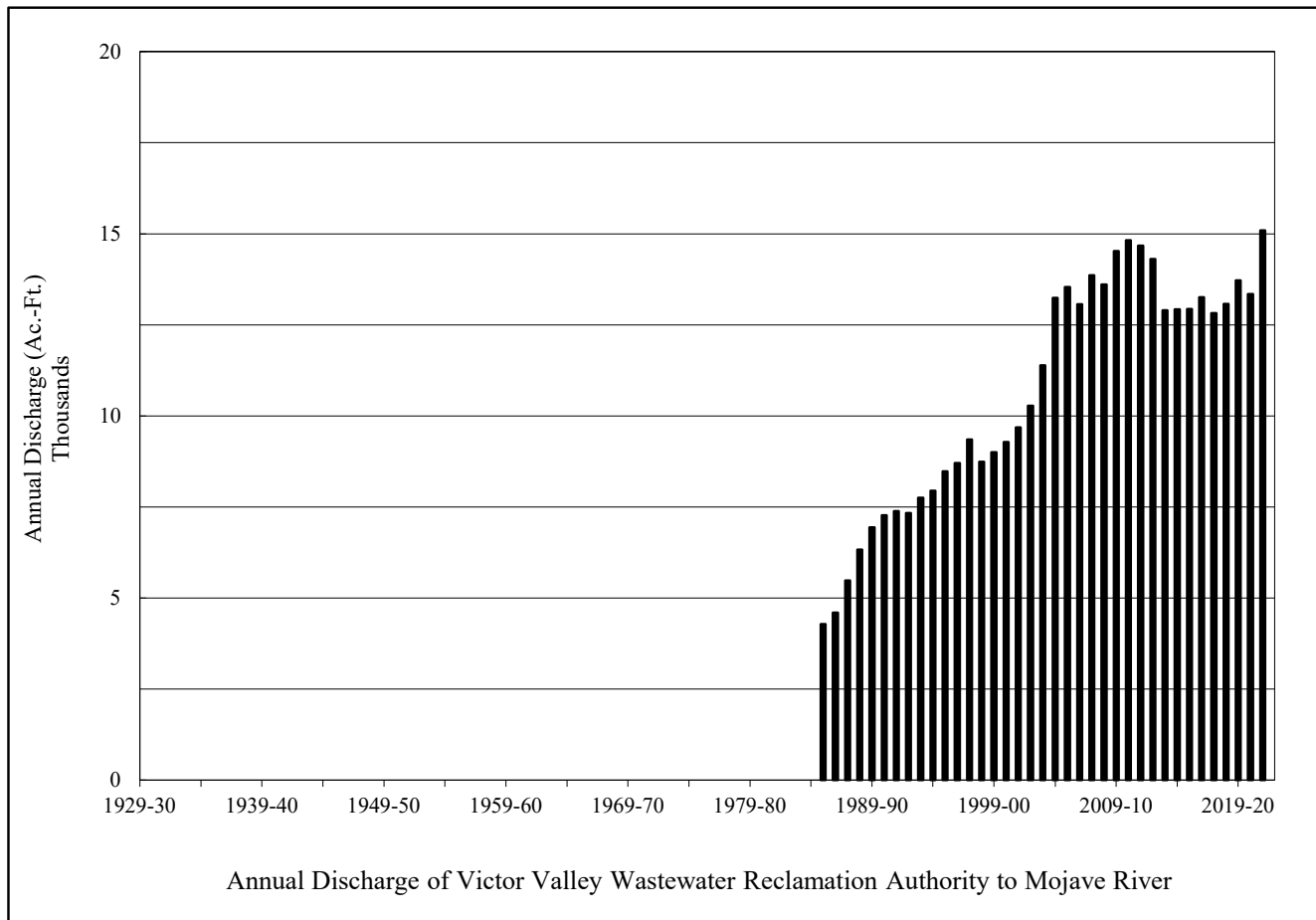
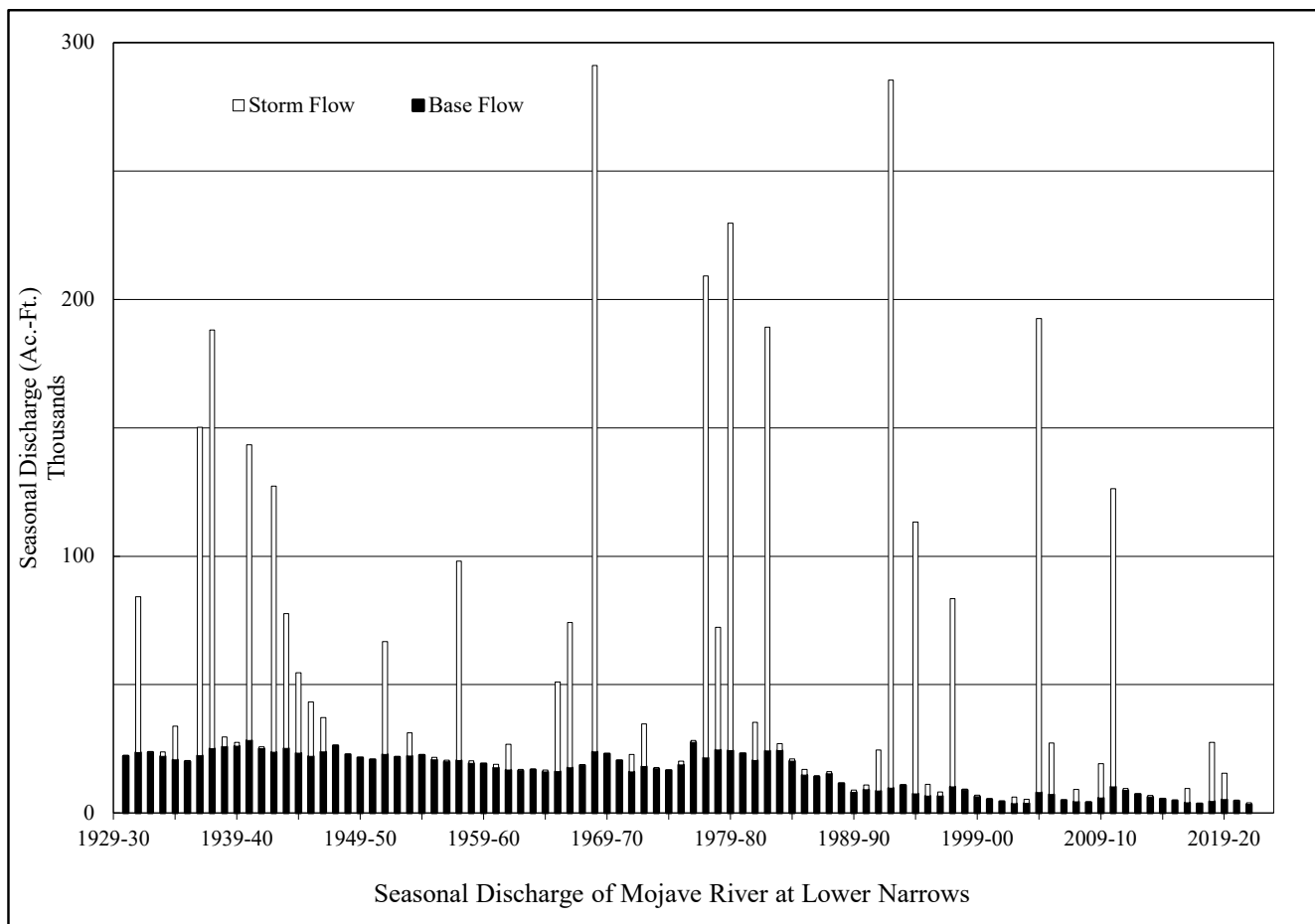


FIGURE 3-4

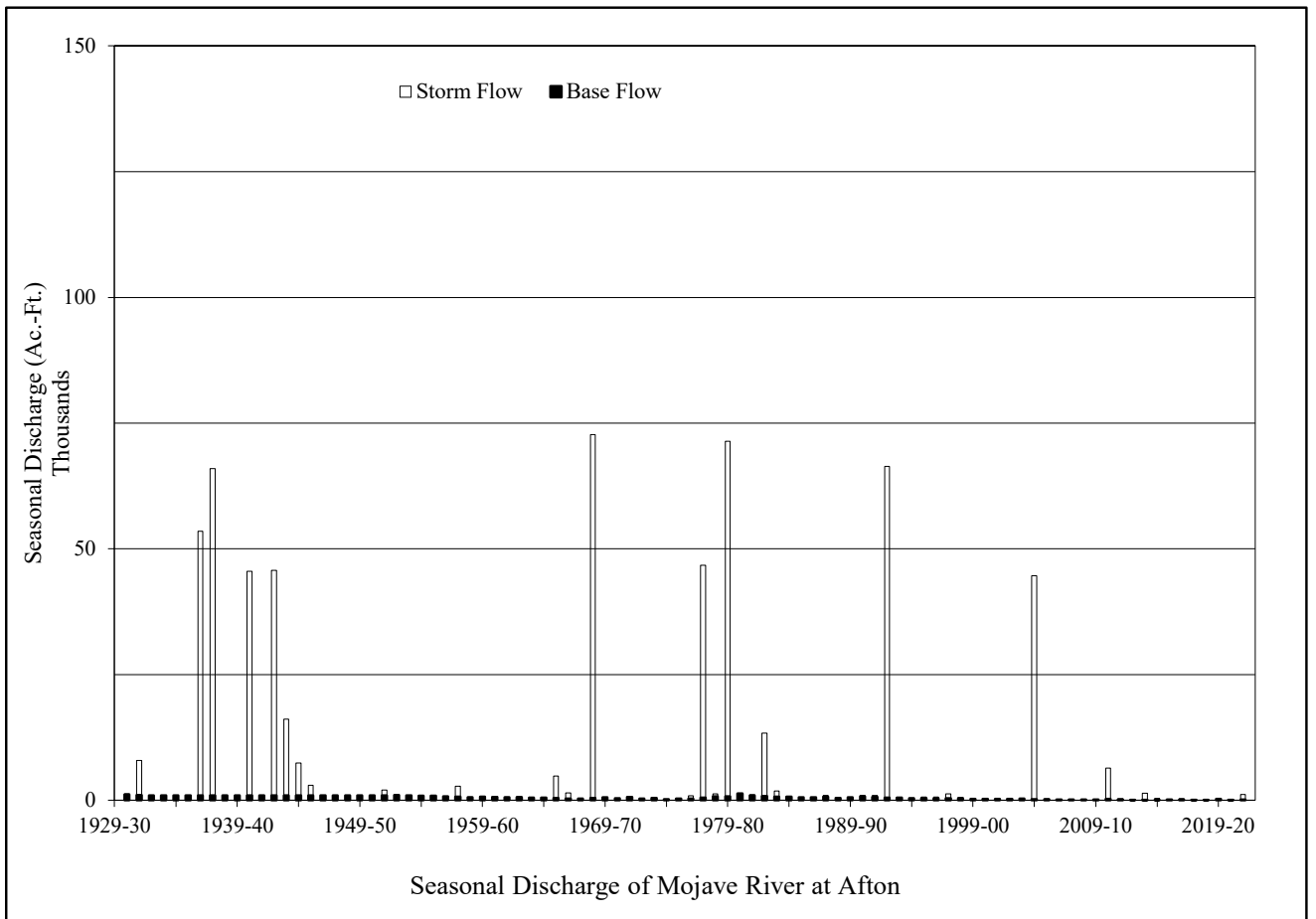
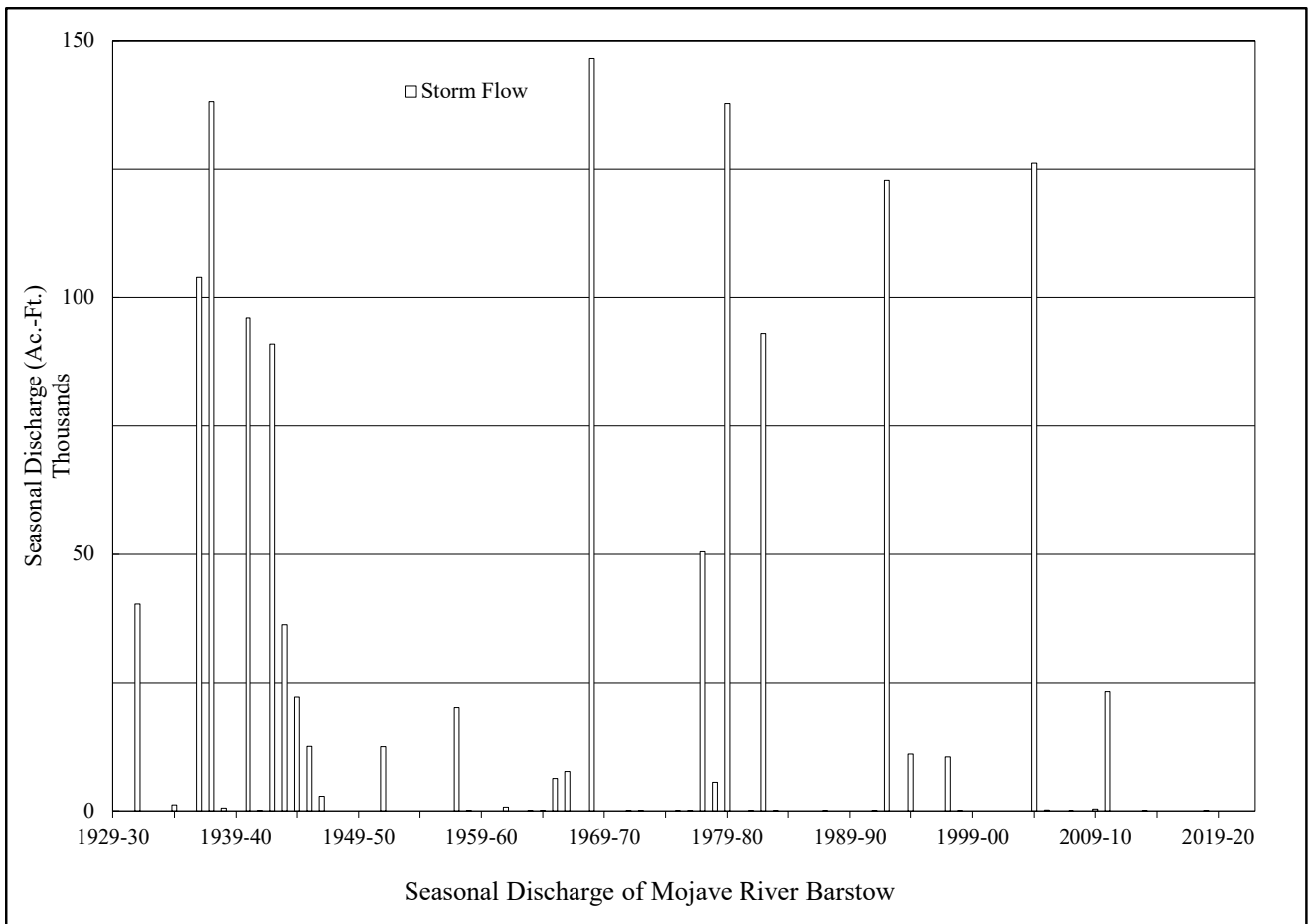


FIGURE 3-5

Wastewater Imports

During 2021-22 reclaimed wastewater was delivered to the Mojave Basin Area for disposal by the following agencies:

	Amount Delivered (acre-feet)
Lake Arrowhead Community Services District	930
Crestline Sanitation District	633
Big Bear Area Regional Wastewater Agency	1,963
	<hr/>
	3,526

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 15,095 acre-feet for Water Year 2021-22. The annual wastewater effluent discharge to the Mojave River for the period 1985-86 through 2021-22 is shown on Figure 3-4.

Imported Water Deliveries by MWA

During 2021-22 MWA delivered 2,010 acre-feet of State Water Project water to the Alto, Centro, Baja and Este Subareas.

		(All Amounts in Acre-feet)						
	<u>Month</u>	<u>Alto</u> ¹	<u>Alto</u> ²	<u>Centro</u> ³	<u>Centro</u> ⁴	<u>Baja</u> ⁵	<u>Este</u> ⁶	<u>Total</u>
(2020)	October	0	0	6	0	0	0	6
	November	0	0	6	0	0	0	6
	December	0	0	4	0	0	0	4
(2021)	January	0	0	1	0	0	0	1
	February	0	0	5	0	0	0	5
	March	0	0	9	0	0	0	9
	April	0	0	7	0	0	0	7
	May	0	12	10	410	1	0	433
	June	0	0	13	766	0	0	779
	July	0	0	5	484	0	0	489
	August	0	0	21	172	0	0	193
	September	0	0	5	73	0	0	78
		Total	0	6	92	1,905	1	0

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 15,095 acre-feet during 2021-22 which supports water levels within the Transition Zone. These water levels remained stable during Water Year 2021-22.

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 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.

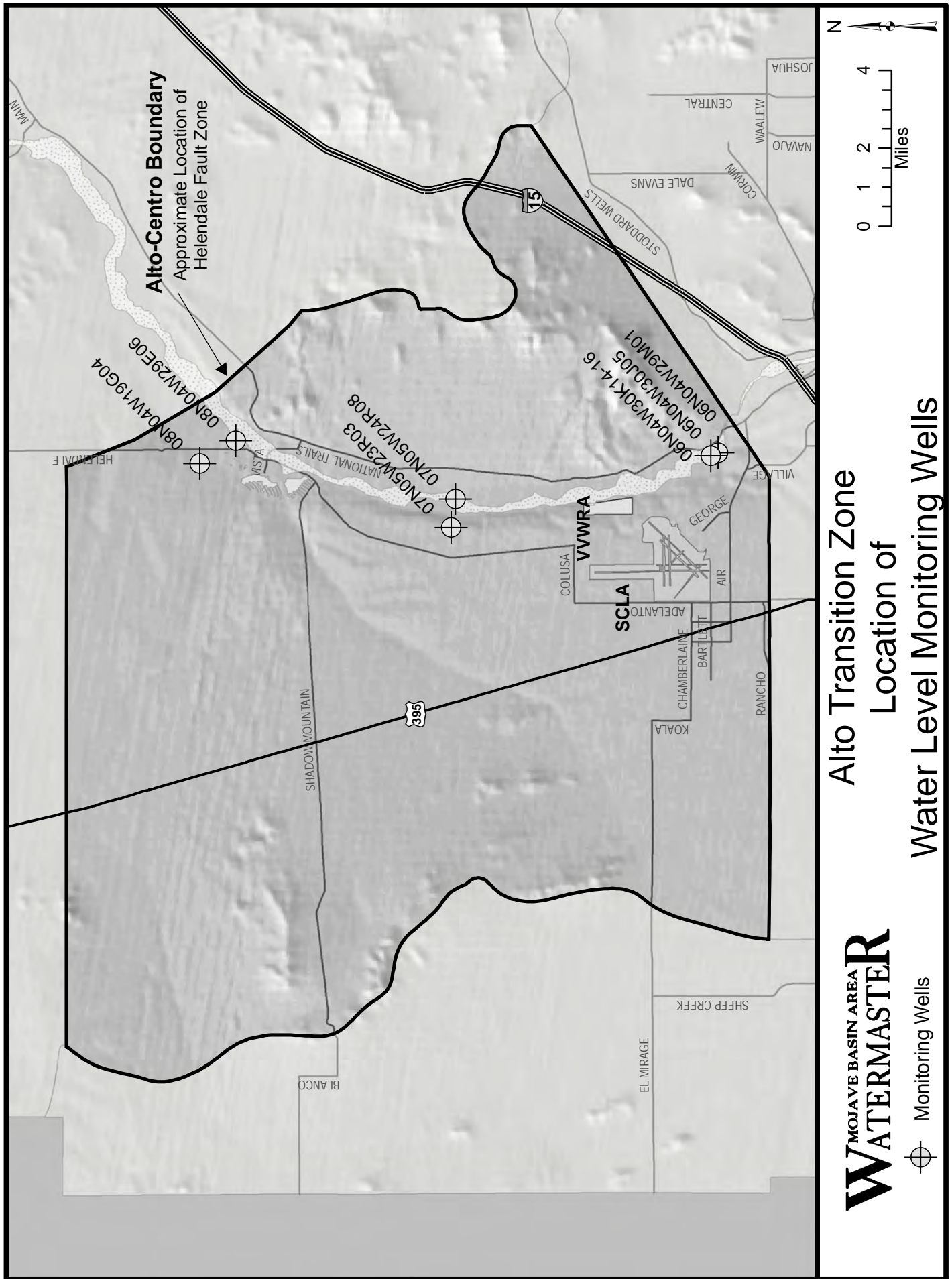


FIGURE 3-6

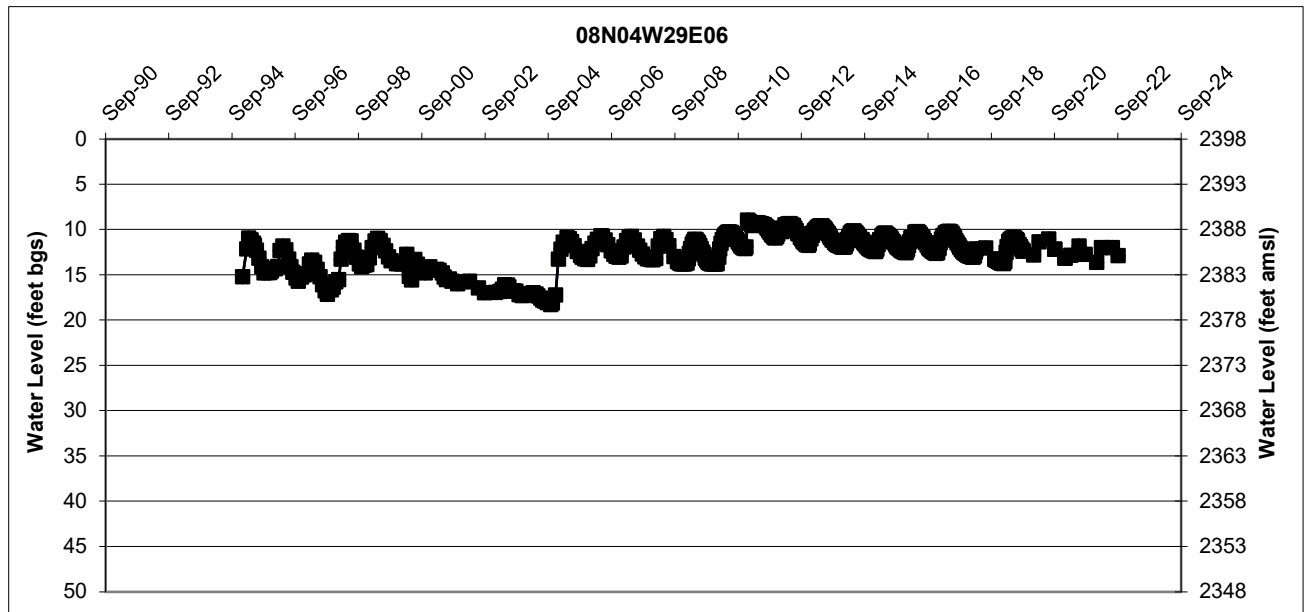
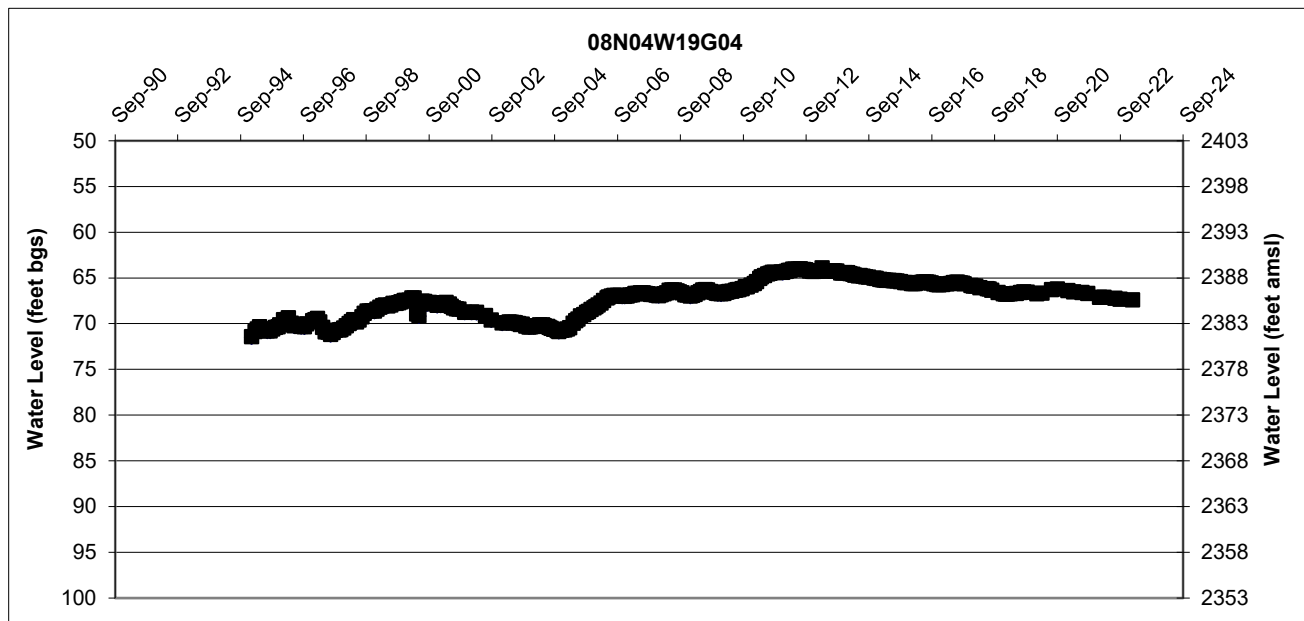
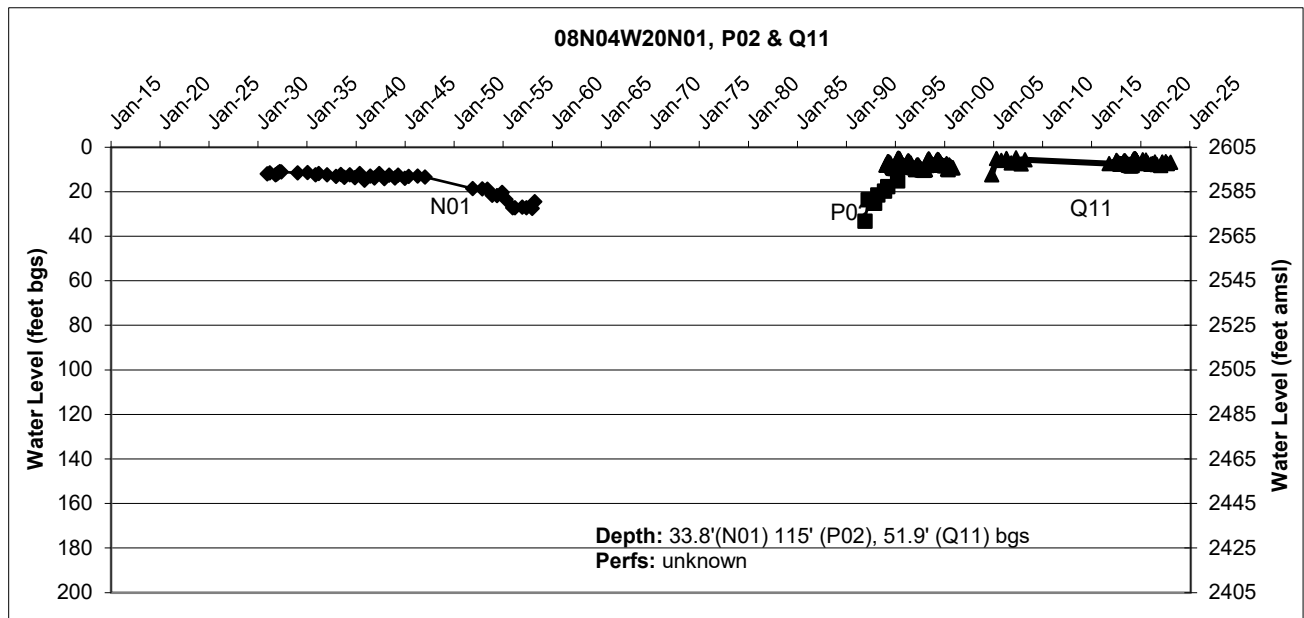


FIGURE 3-7

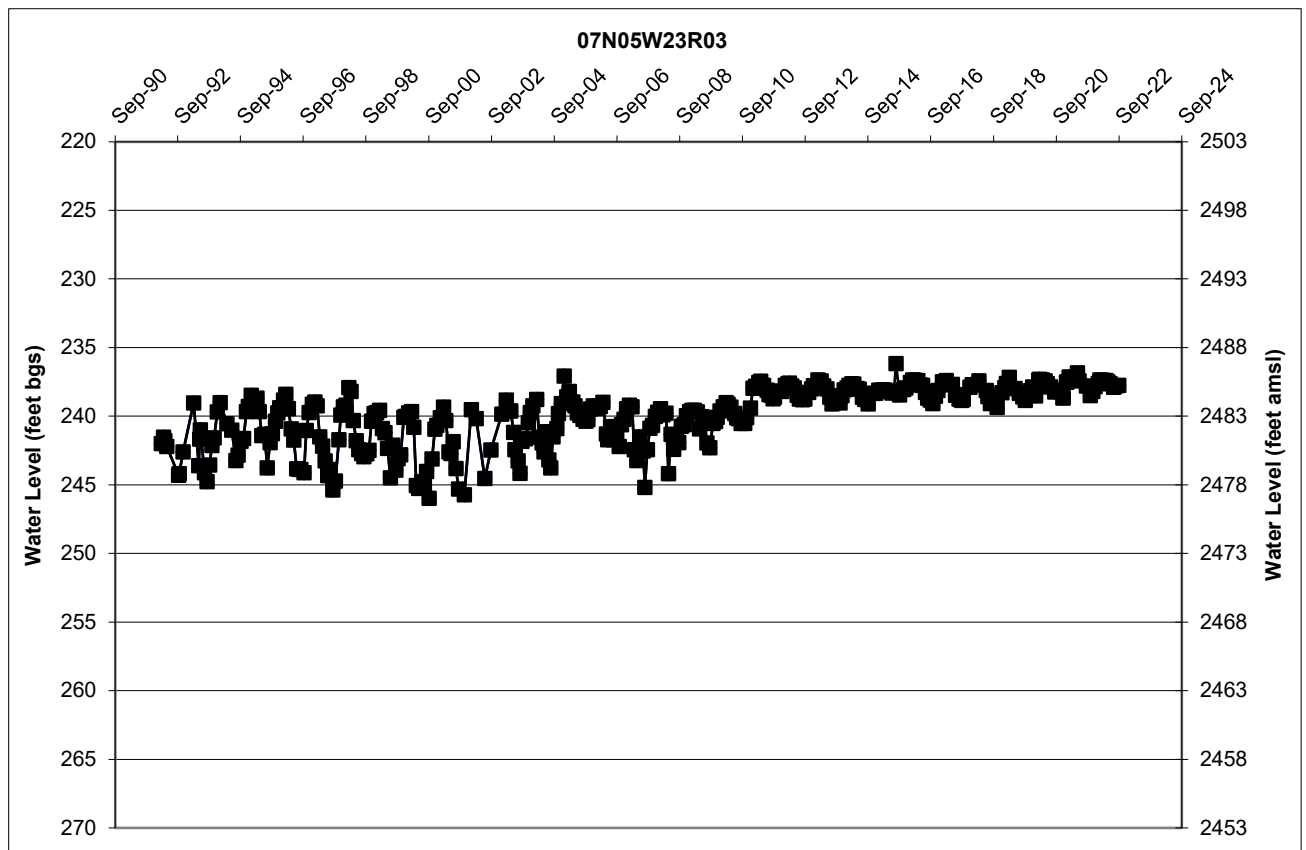
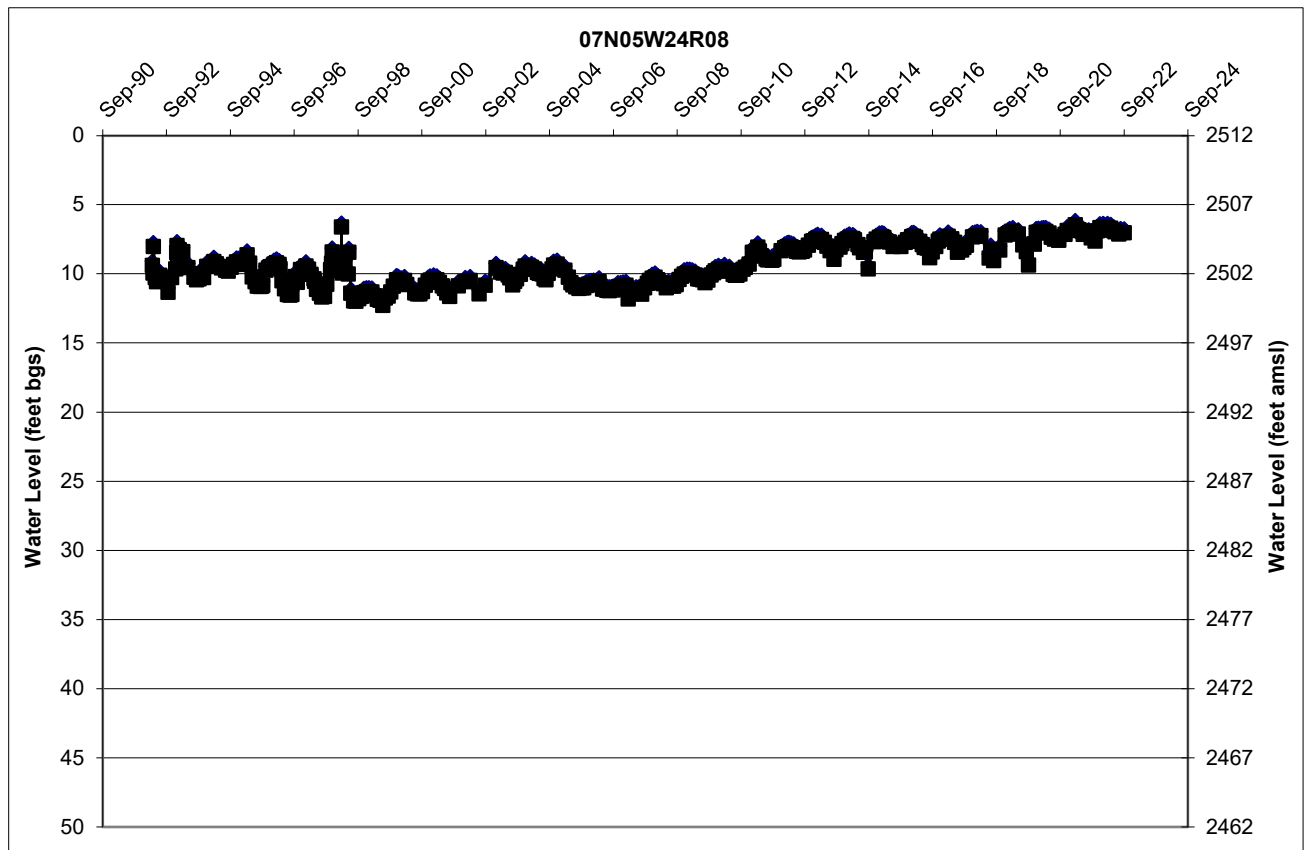


FIGURE 3-8

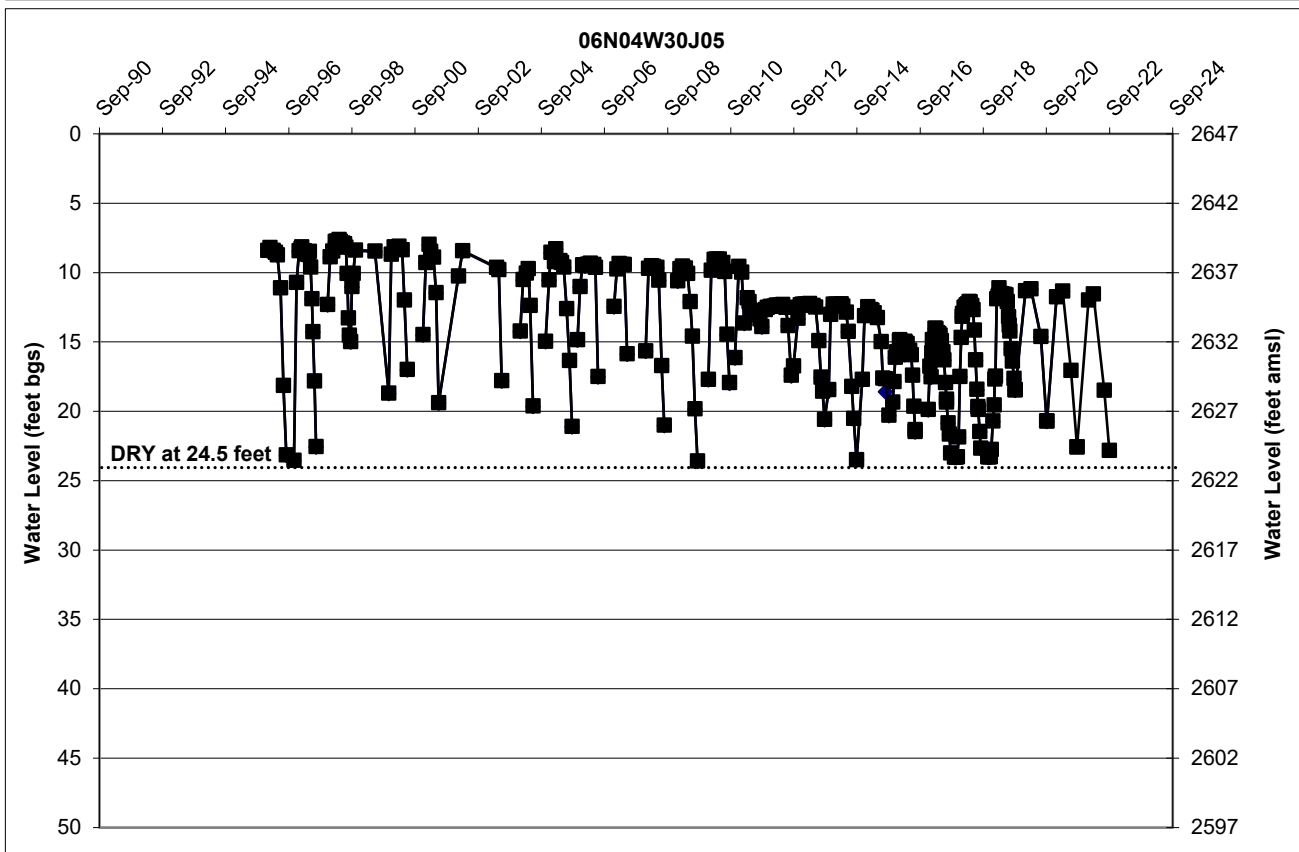
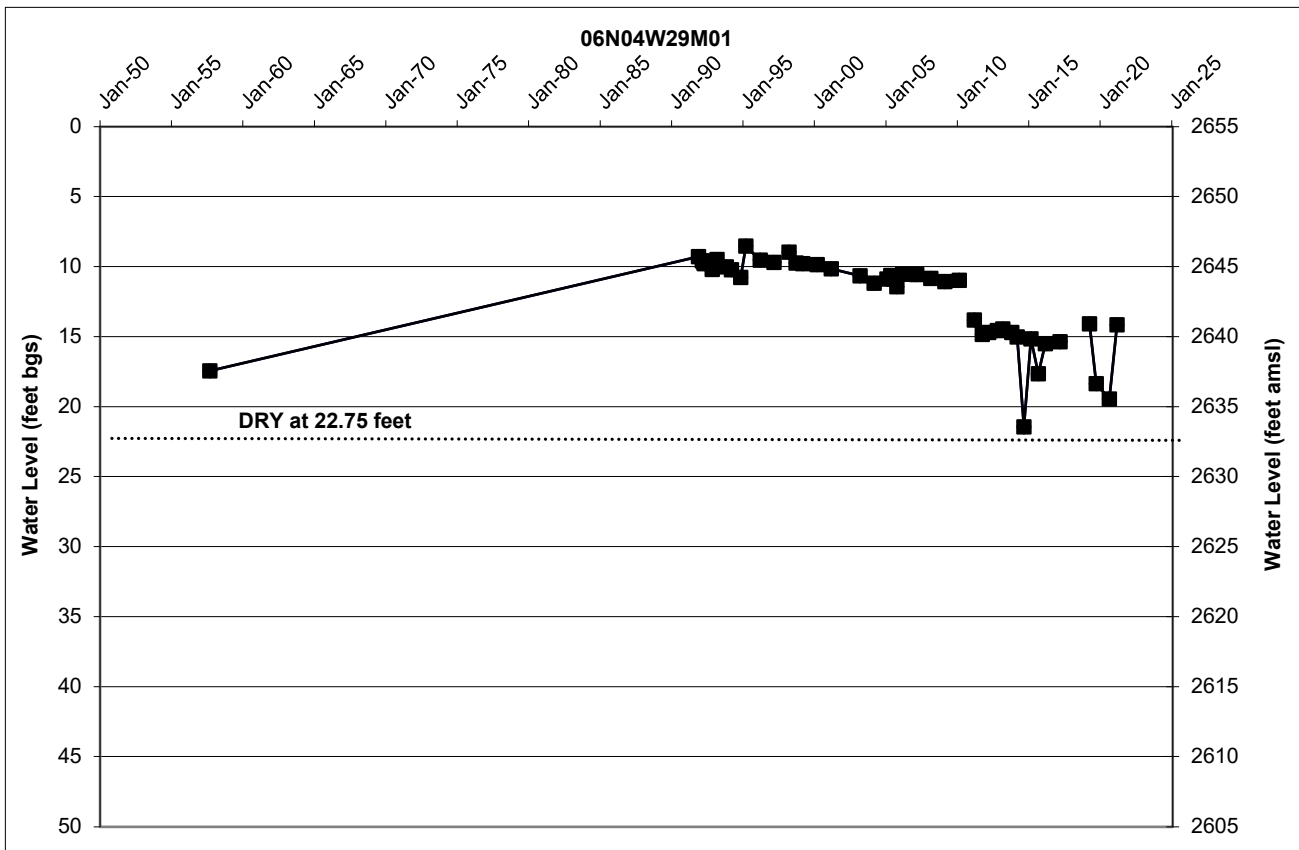


FIGURE 3-9

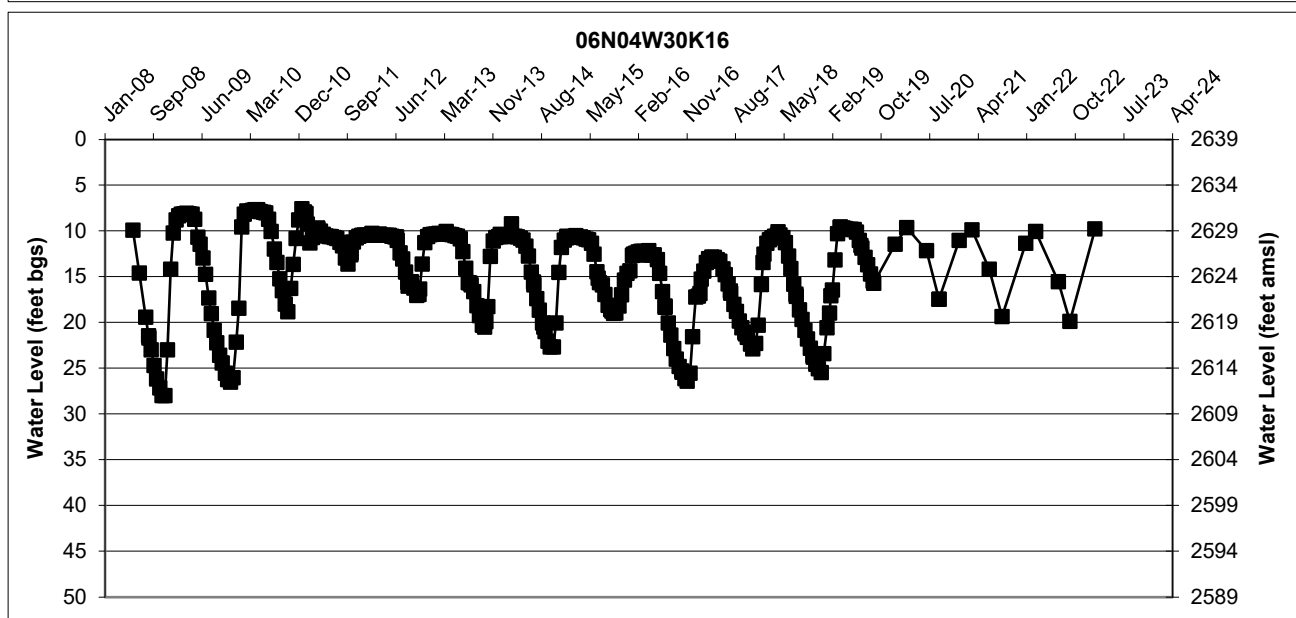
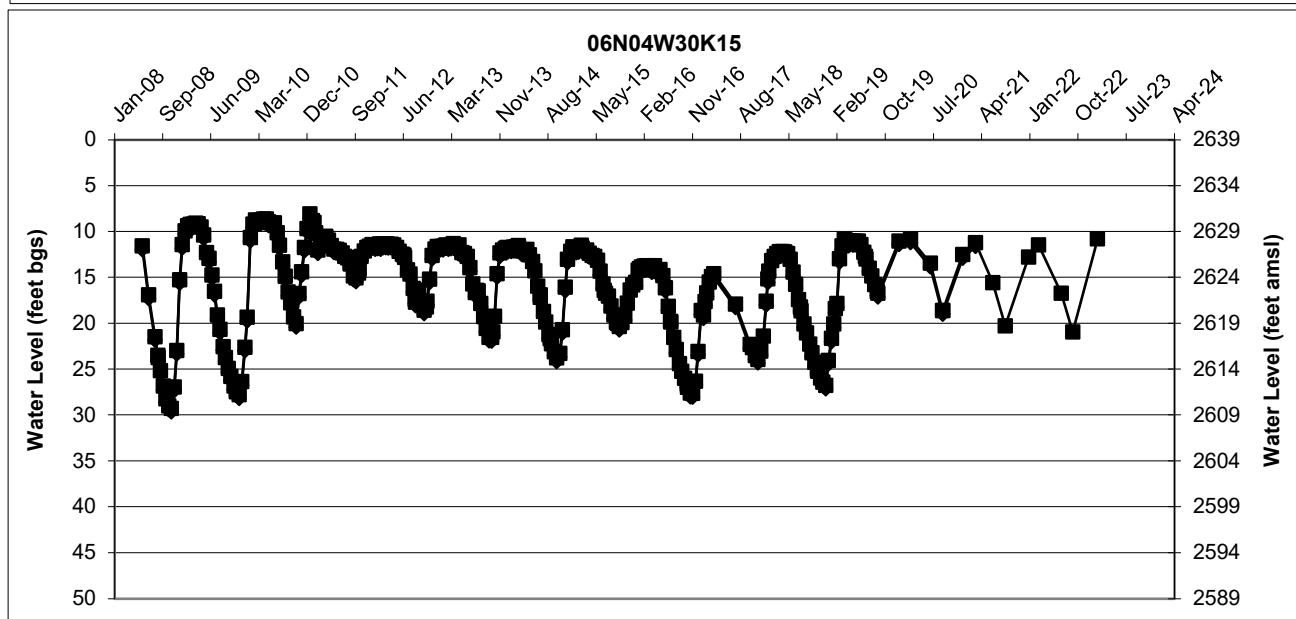
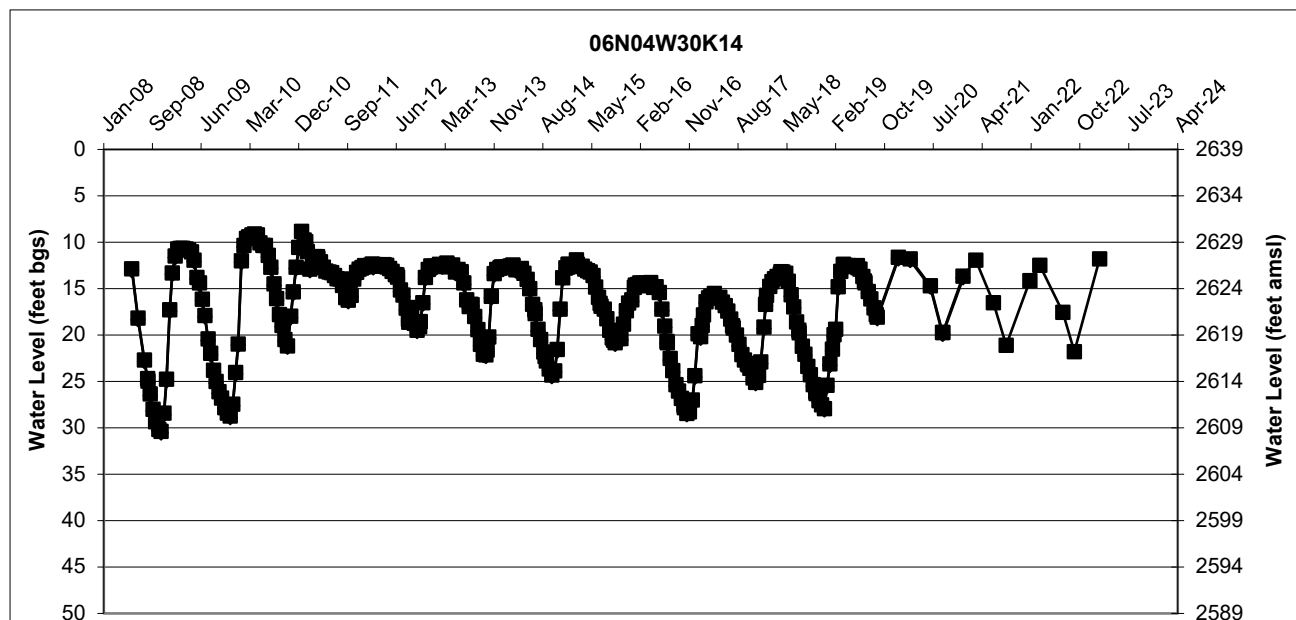


FIGURE 3-9

Transition Zone Water Balance

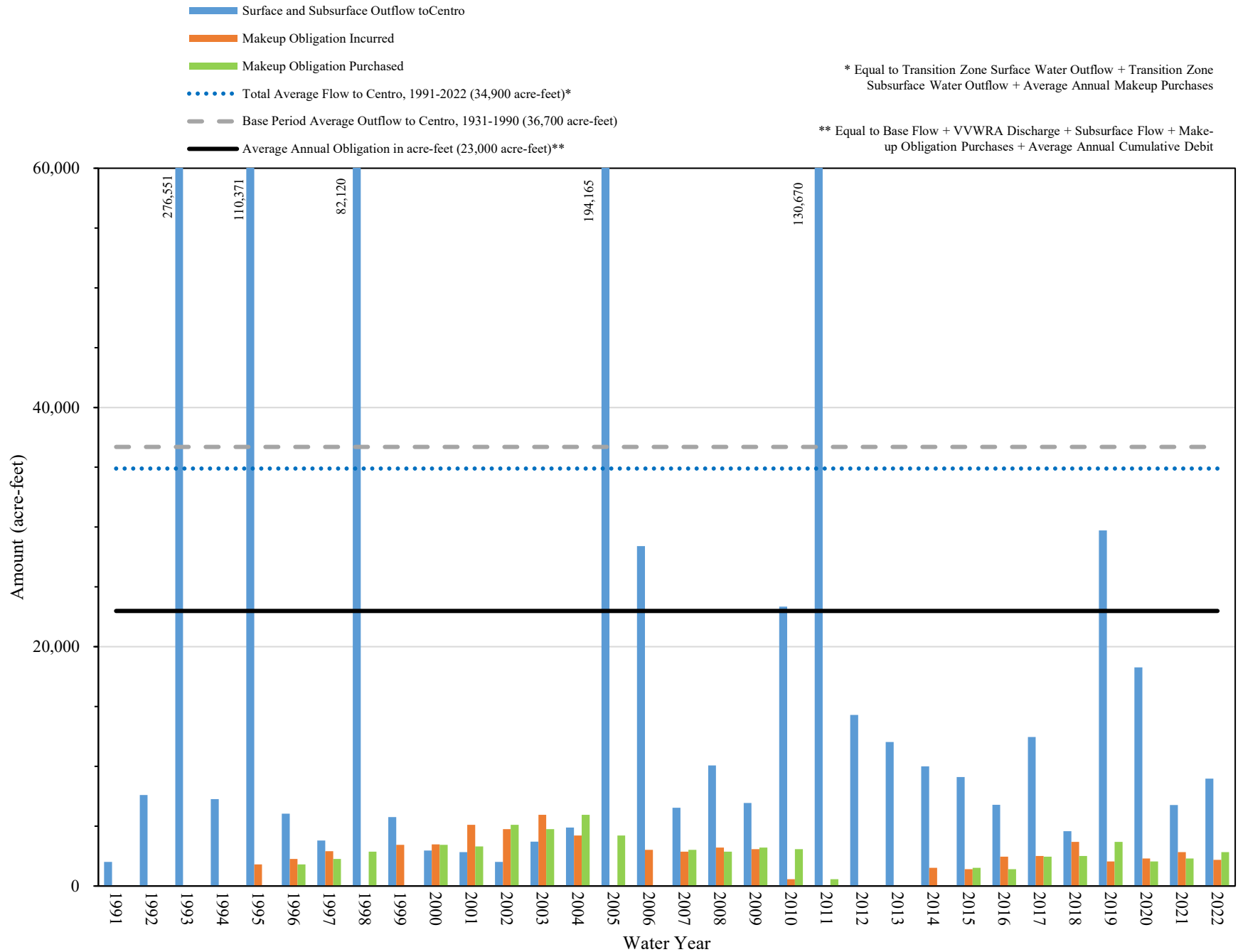


FIGURE 3-10

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 2023 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 supply conditions for the past 11 years have been dry (43.3% of Base Period average). Continuation of dry conditions will result in water level declines.

Baja Subarea

Baja water levels continue to decline due to over pumping and limited recharge opportunities. Wells near the river in the Daggett area respond to recharge when it is available but continue to fall following storm events. We note that pumping in Baja has declined 56% in the last 5 years. Consequently, current water level data may not reflect the future trends in Baja water levels. We expect to see water level declines in Baja to slow, and possibly remain constant in some wells due to the significant reduction in pumping.

Centro Subarea

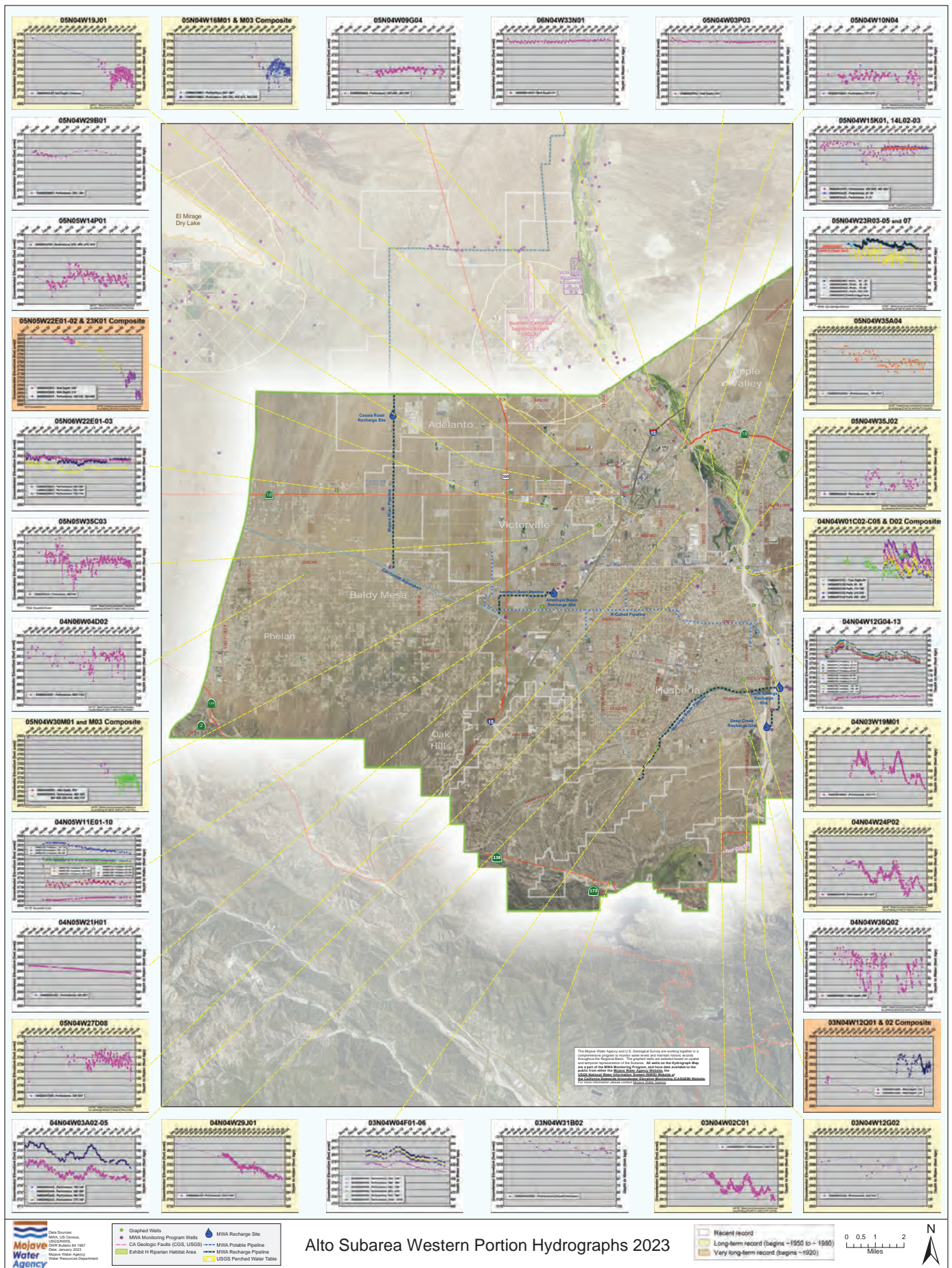
Water levels in Centro have been stable showing seasonal variability and declines during dry years but generally recover during wet periods. Water levels in the Harper Lake area indicate a slow recovery due primarily to cessation of pumping during the past several years. Water levels near Hodge and Lenwood road show the effects of pumping and limited recharge during at least the past 10 years.

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. However, the past 15-20 years may not be representative of the longer-term water supply conditions in Oeste. Further, population and thus water demand is expected to increase in the future, which will result in continued water level decline.



Alto Subarea Western Portion Hydrographs 2023

FIGURE 3-11

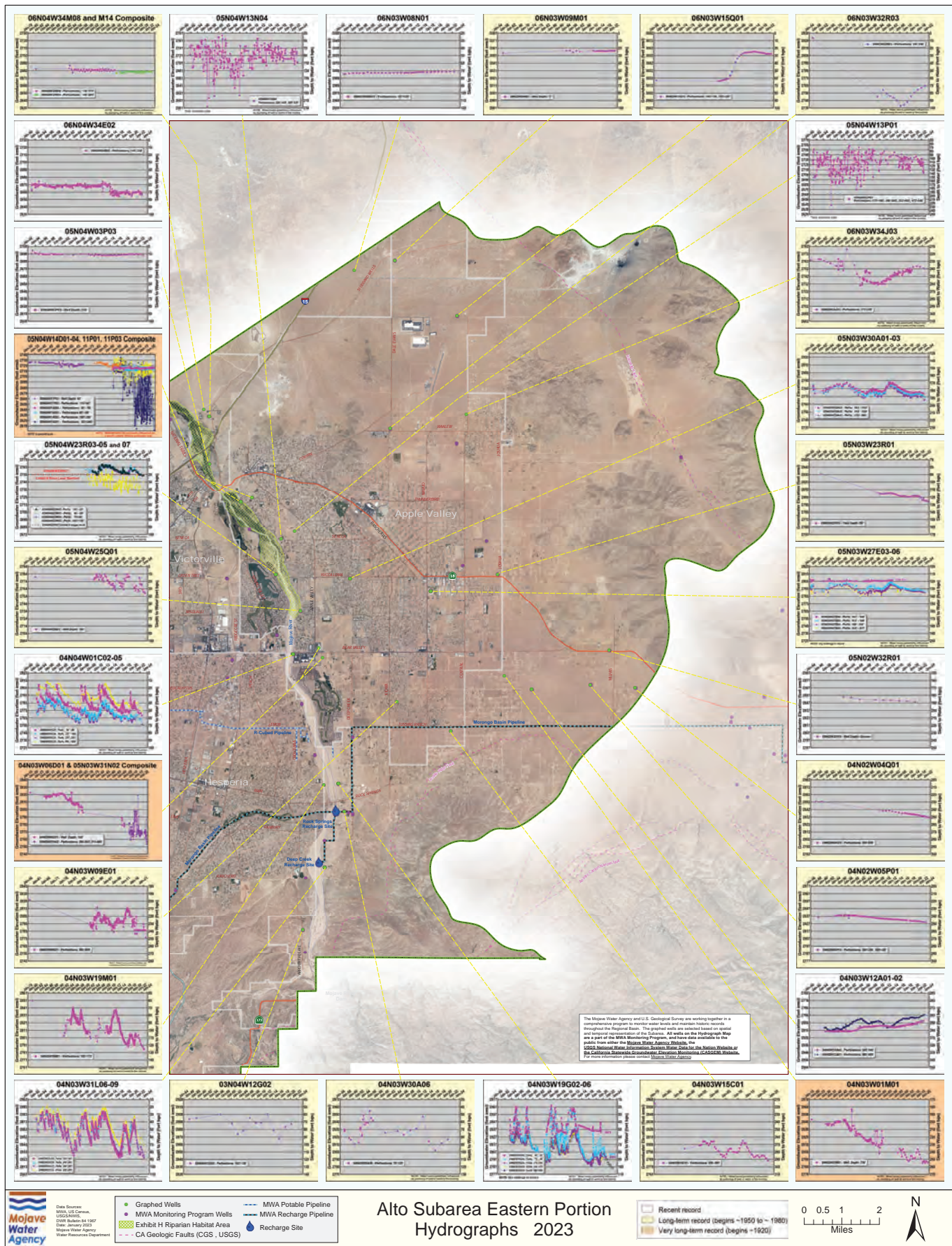


FIGURE 3-12

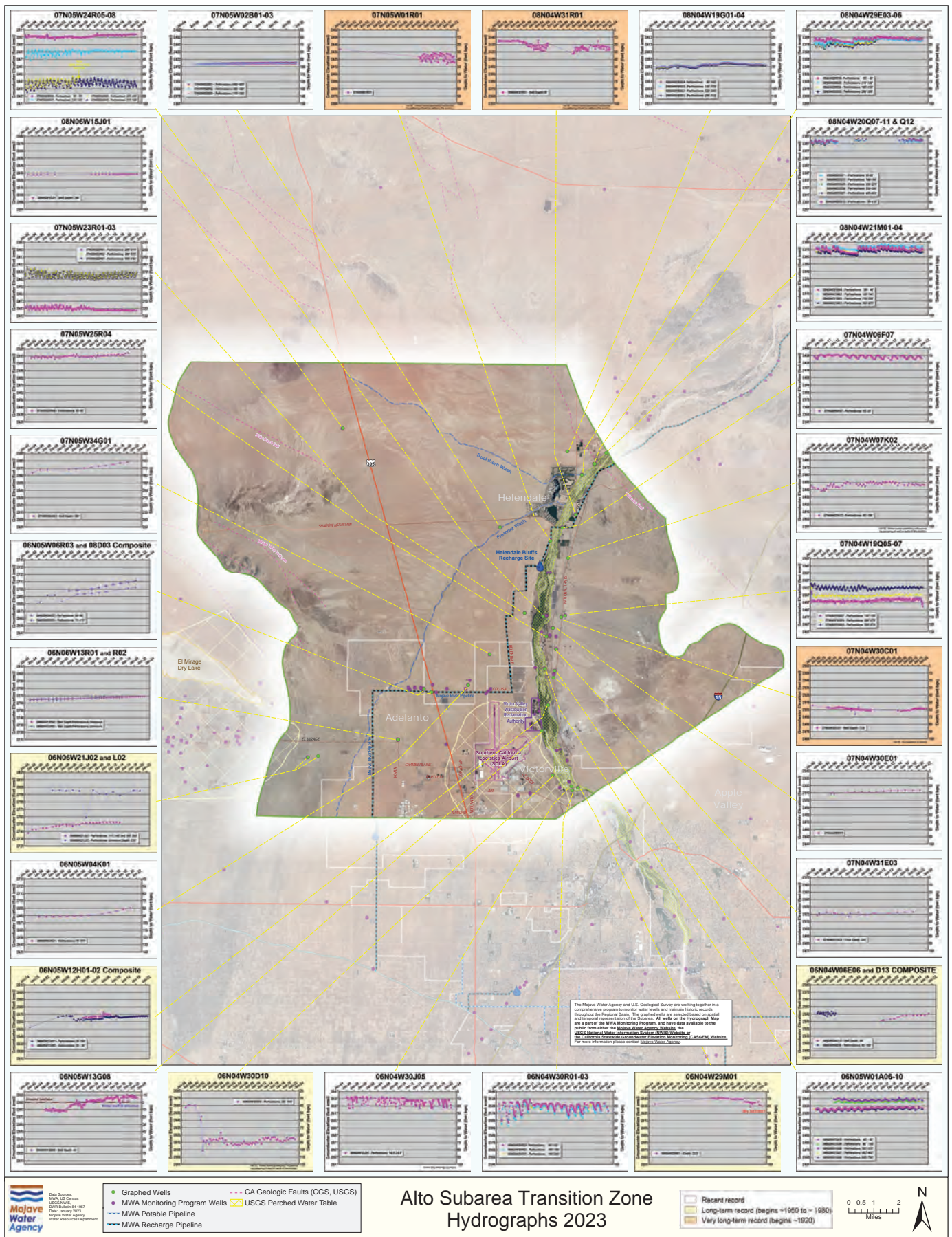


FIGURE 3-13

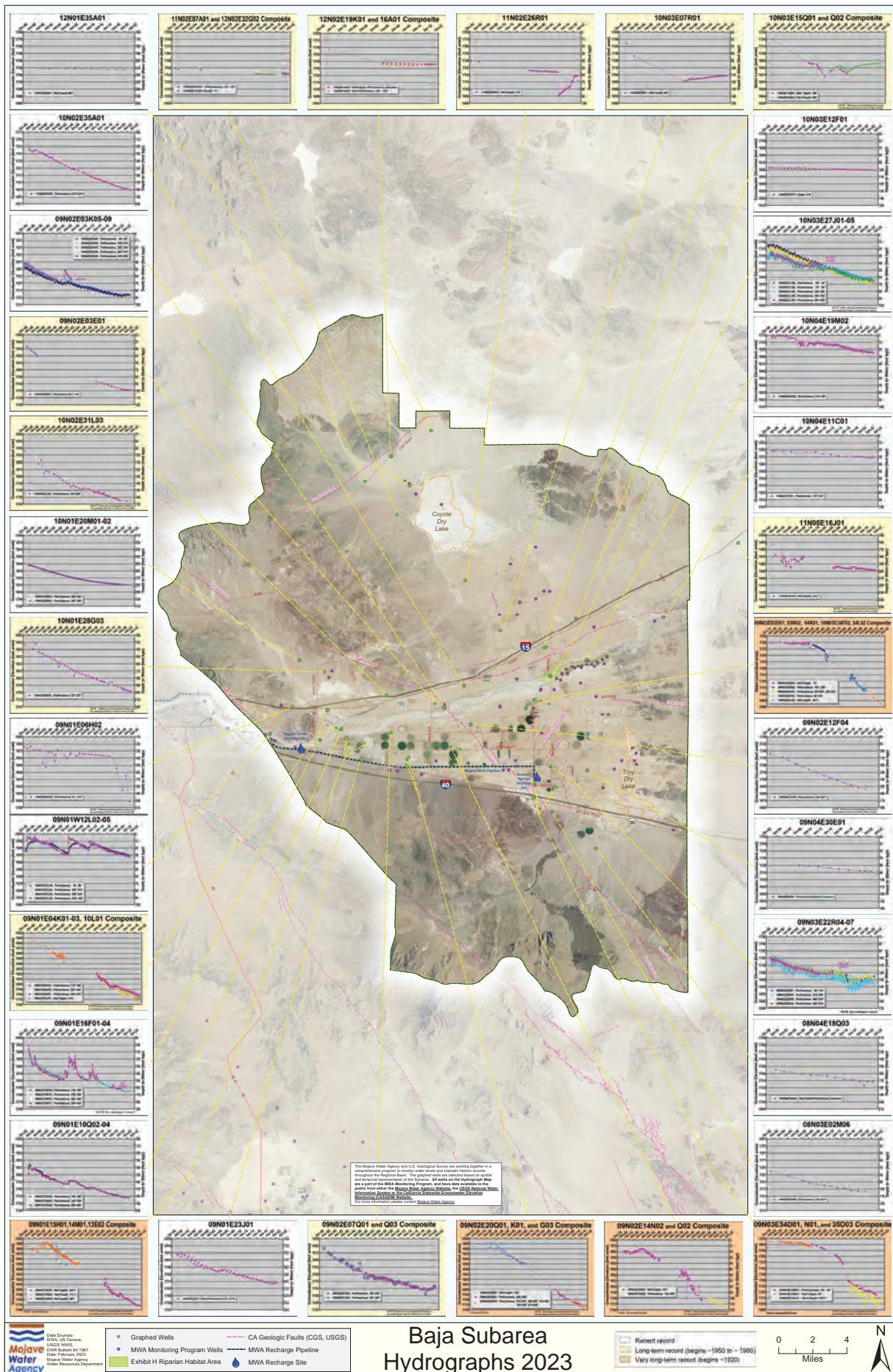


FIGURE 3-14

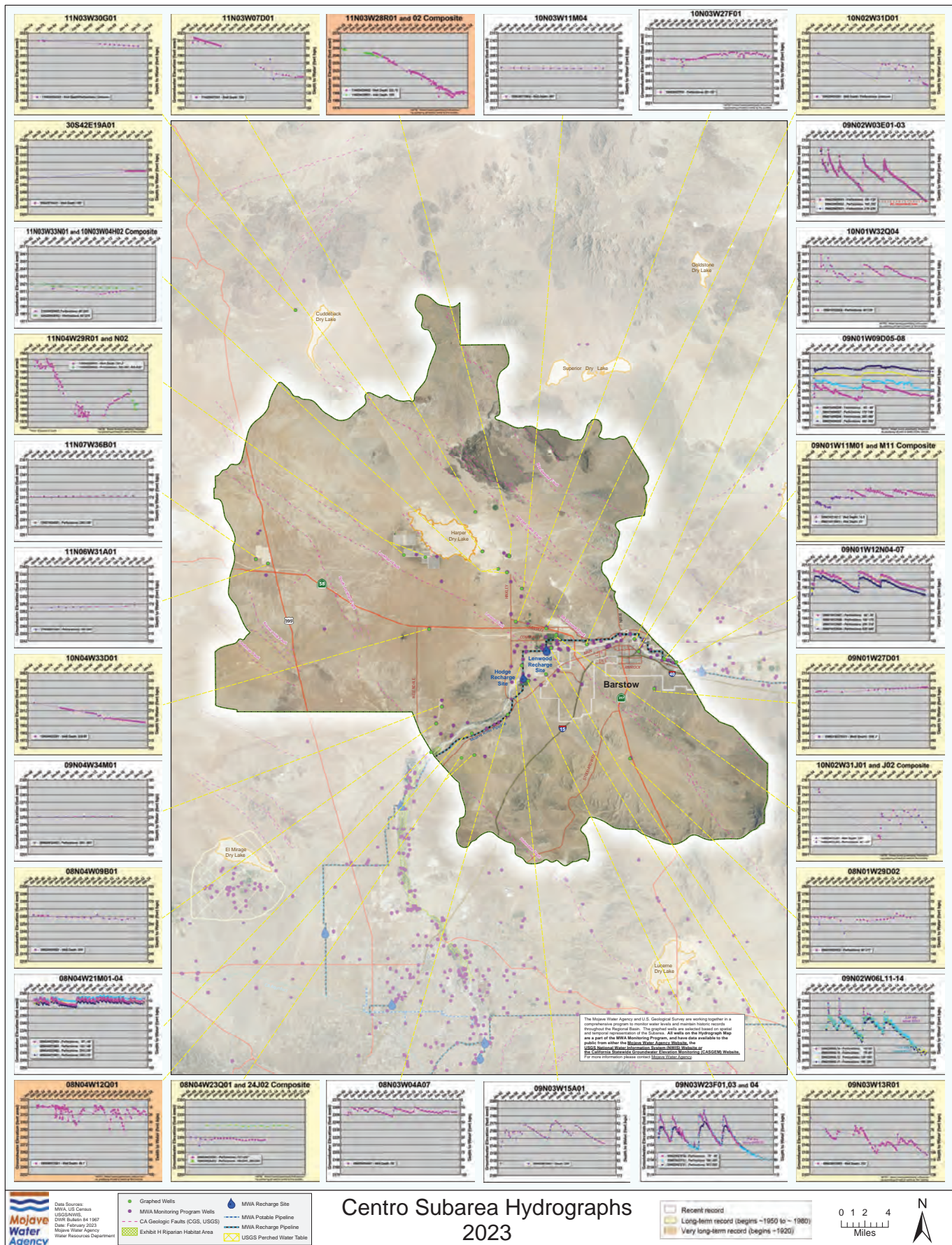


FIGURE 3-15

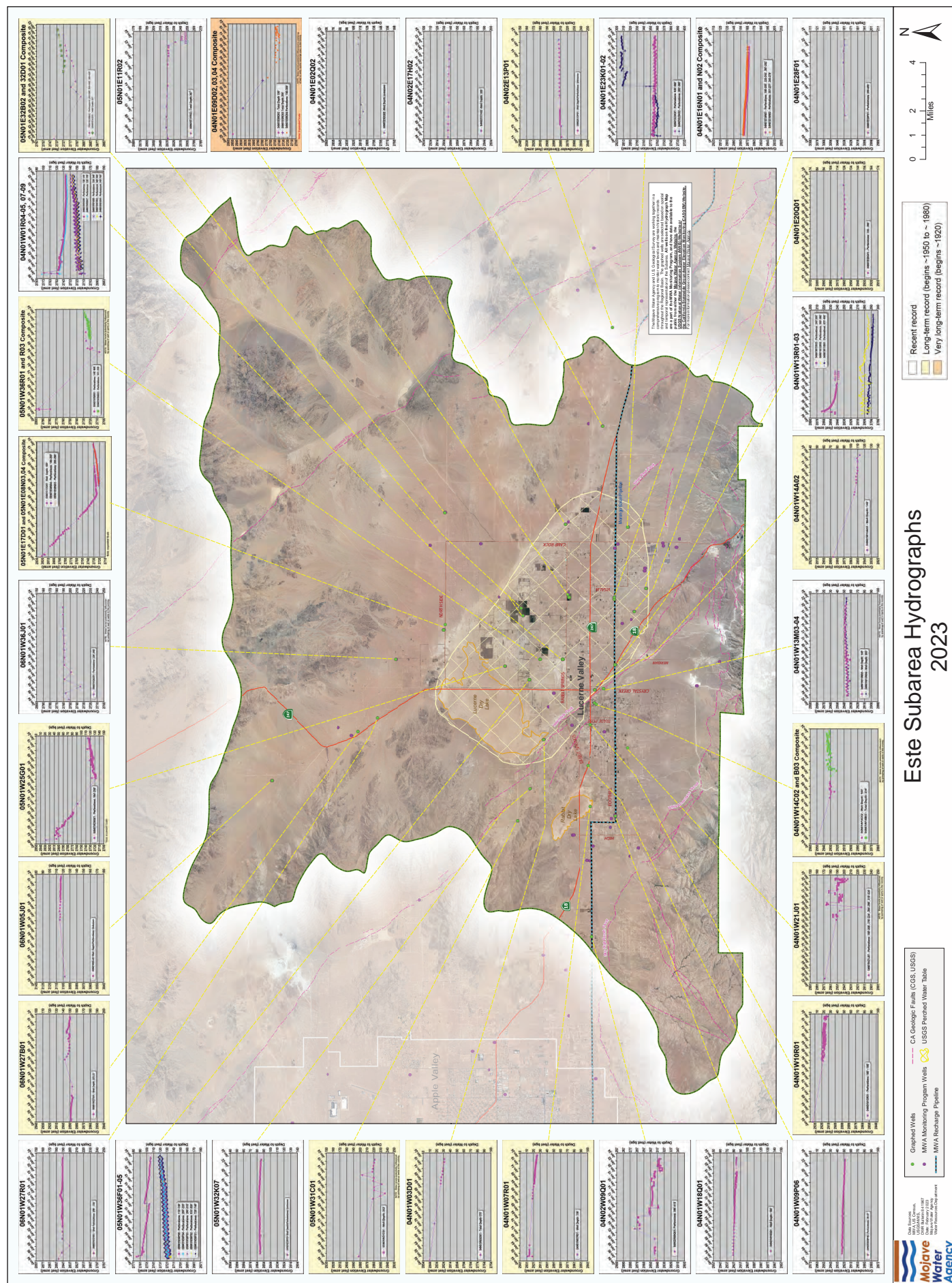


FIGURE 3-16

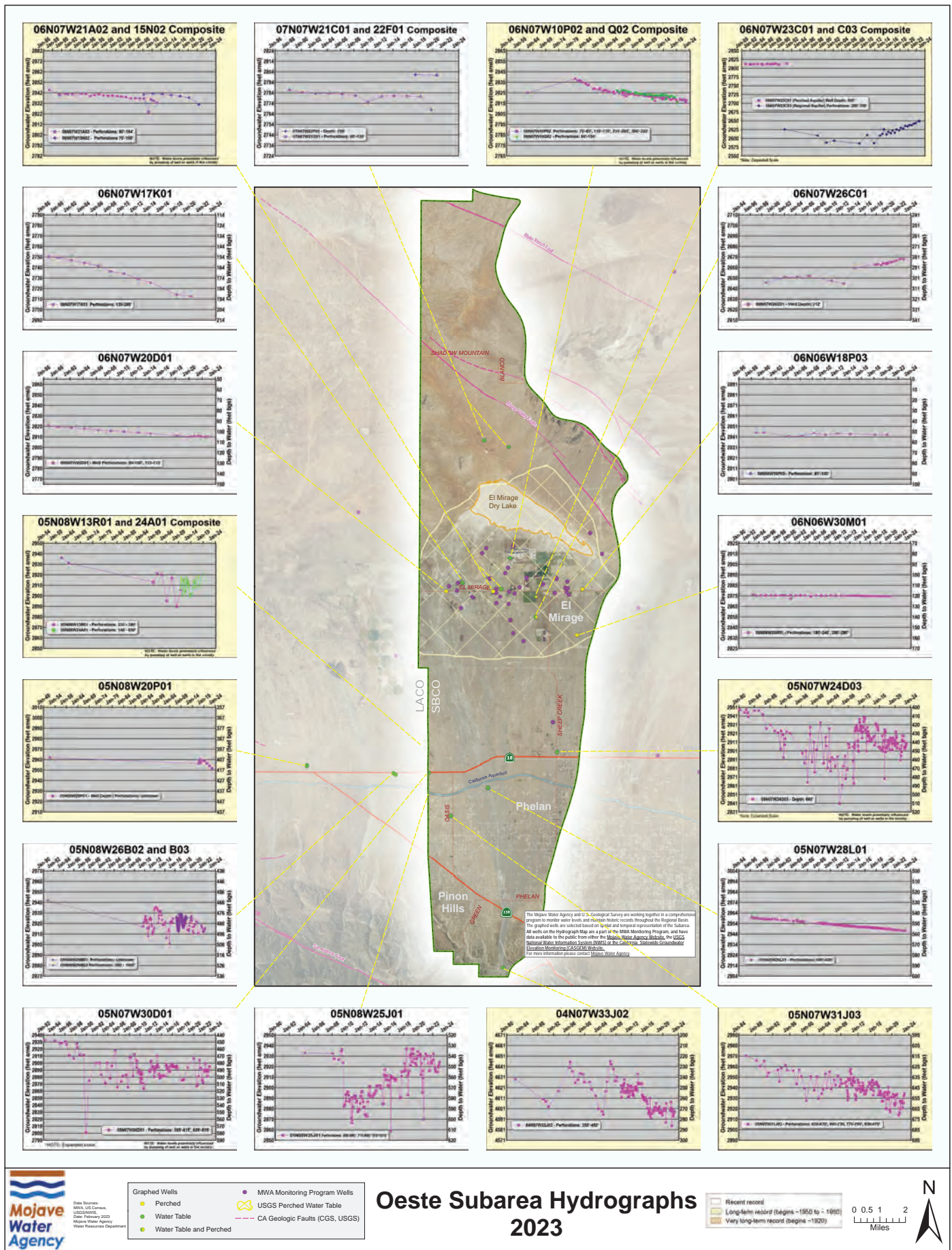


FIGURE 3-17

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 56,000 acre-feet, representing a year of pumping under the land and water use conditions existing since 1996.

In Centro (Figure 3-19) the minimum operating range is the amount of calculated storage change since 1997, the lowest since the Judgment, during which time the basin was considered to be healthy. The maximum operating level is the minimum level plus a supply of 5 average annual consumptive uses, with an average annual consumptive use being about 18,000 acre-feet from 1996 to 2021.

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

The optimal operating parameters for Este (Figure 3-21) have not been established, though the elements of water supply use and disposal appear to be balanced based on water level data for at least the past 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 7.5 years in Centro (137,389 acre-feet). The operating ranges, about 282,000 acre-feet in Alto and about 92,000 acre-feet in Centro, are well within the limits identified for dry year reliability envisioned by the 2020 UWMP. Since 1996, Baja has lost about 489,575 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 2021-22
(AMOUNTS IN ACRE-FEET)**

	<u>Este¹</u>	<u>Oeste²</u>	<u>Alto</u>	<u>Centro</u>	<u>Baja</u>	<u>Total</u>
Total Water Supply	4,706	3,083	28,757	7,873	1,682	46,101
Total Outflow and Consumptive Use	4,706	3,083	62,140	17,491	8,965	96,385
Net Change in Storage	0	0	(33,383)	(9,618)	(7,283)	(50,284)

Notes

- 1. Water level data indicates little or no change in storage on an average annual basis; water supply is estimated to balance outflow and consumptive use.**
- 2. Short term water levels indicate balance supply and demand for the past 15-20 years. This condition is unstable as population and water demand is expected to increase.**

Alto Subarea **Net Change in Storage and MWA Storage Account Balance** **Water Years 1996 through 2022**

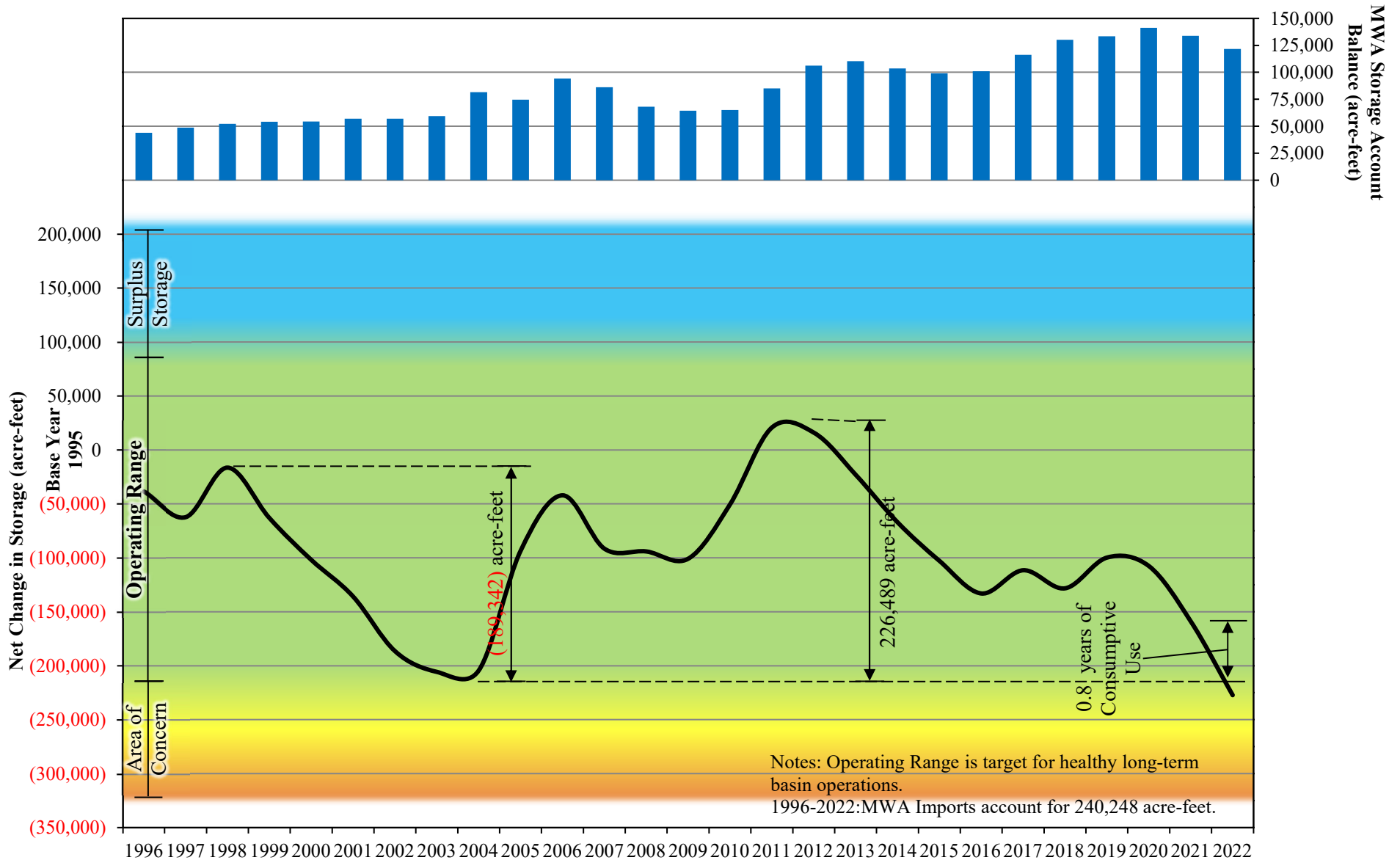


FIGURE 3-18

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 2022**

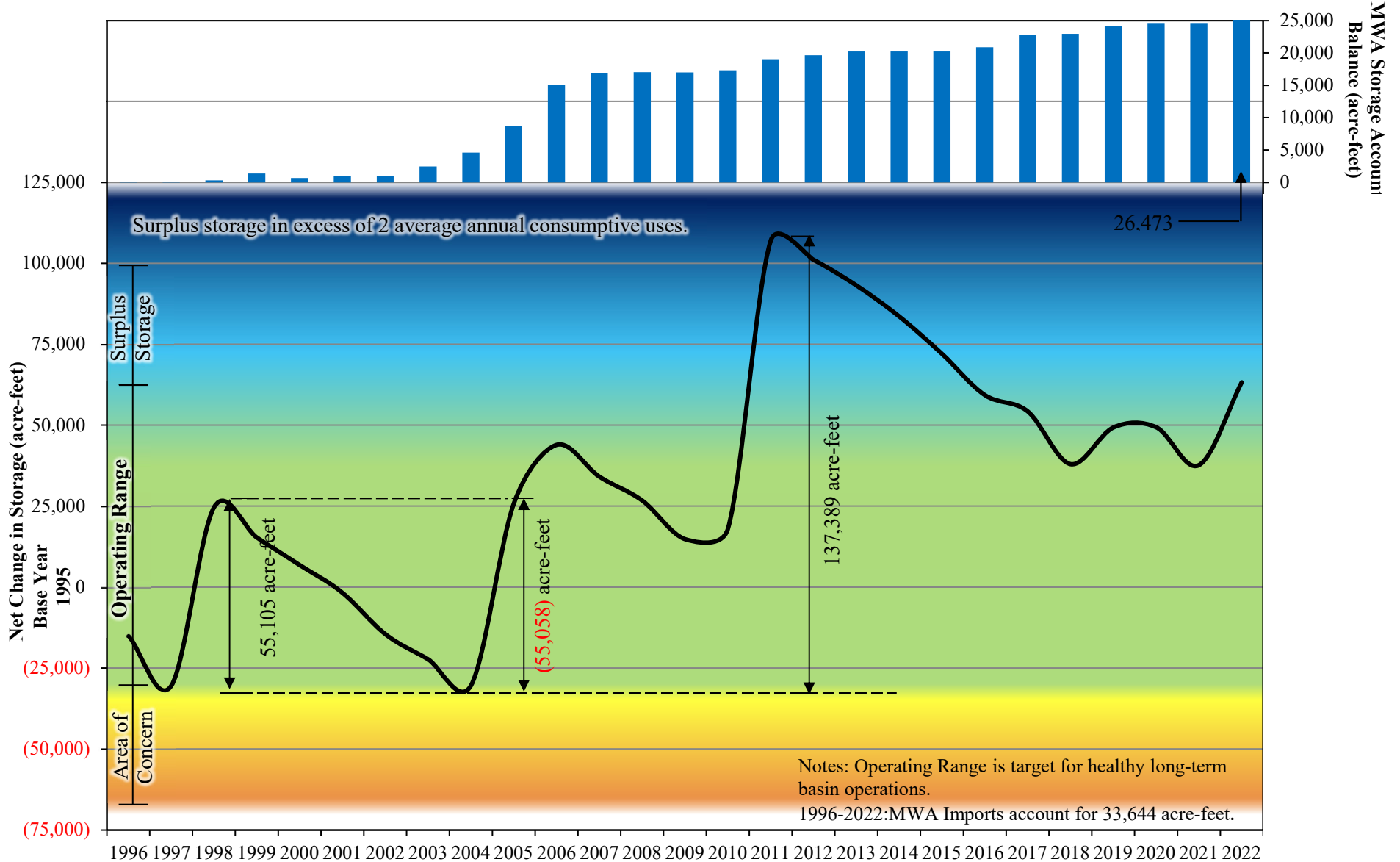


FIGURE 3-19

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 2022**

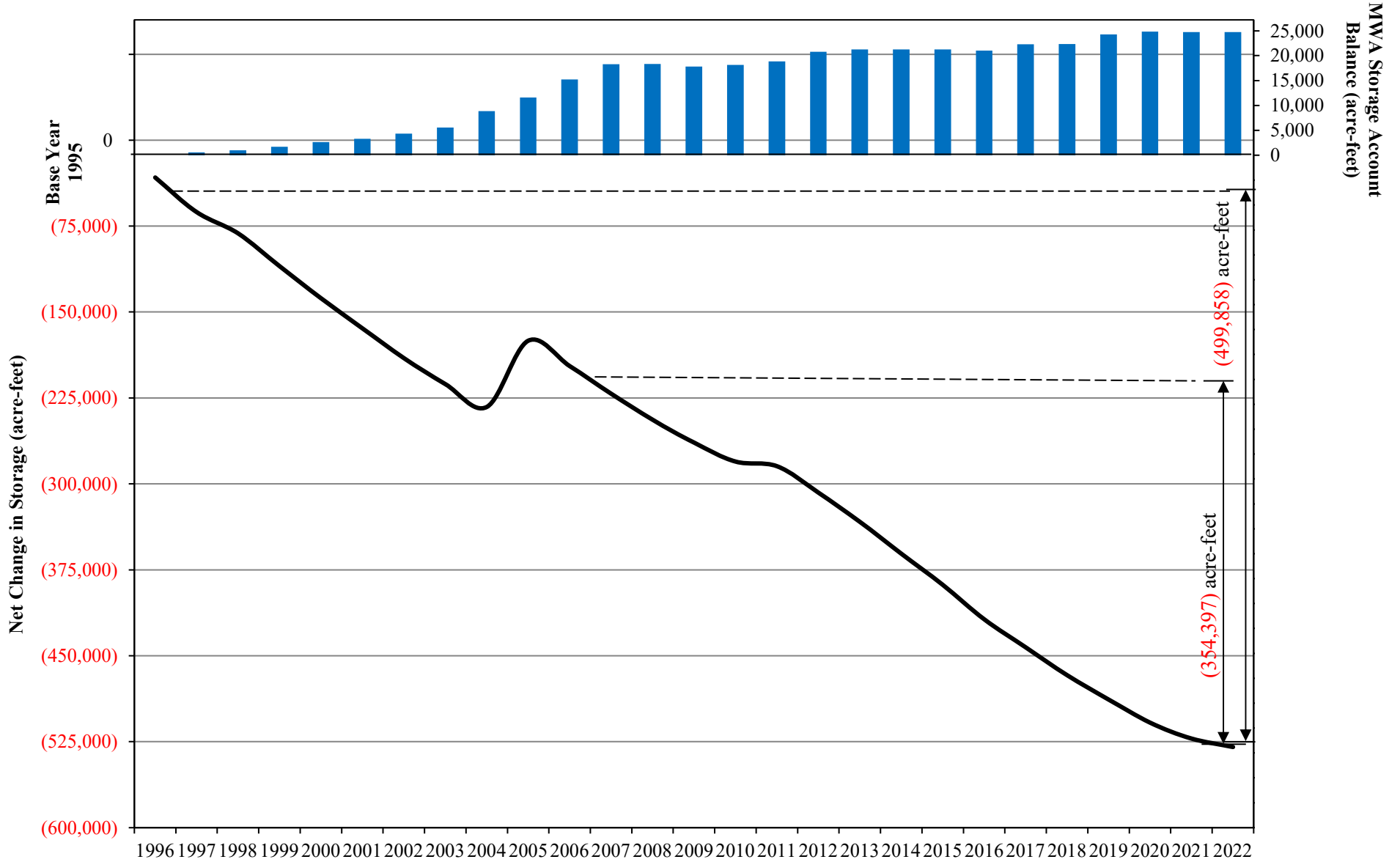


FIGURE 3-20

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.

Este Subarea
Net Change in Storage and MWA Storage Account Balance
Water Years 1996 through 2022

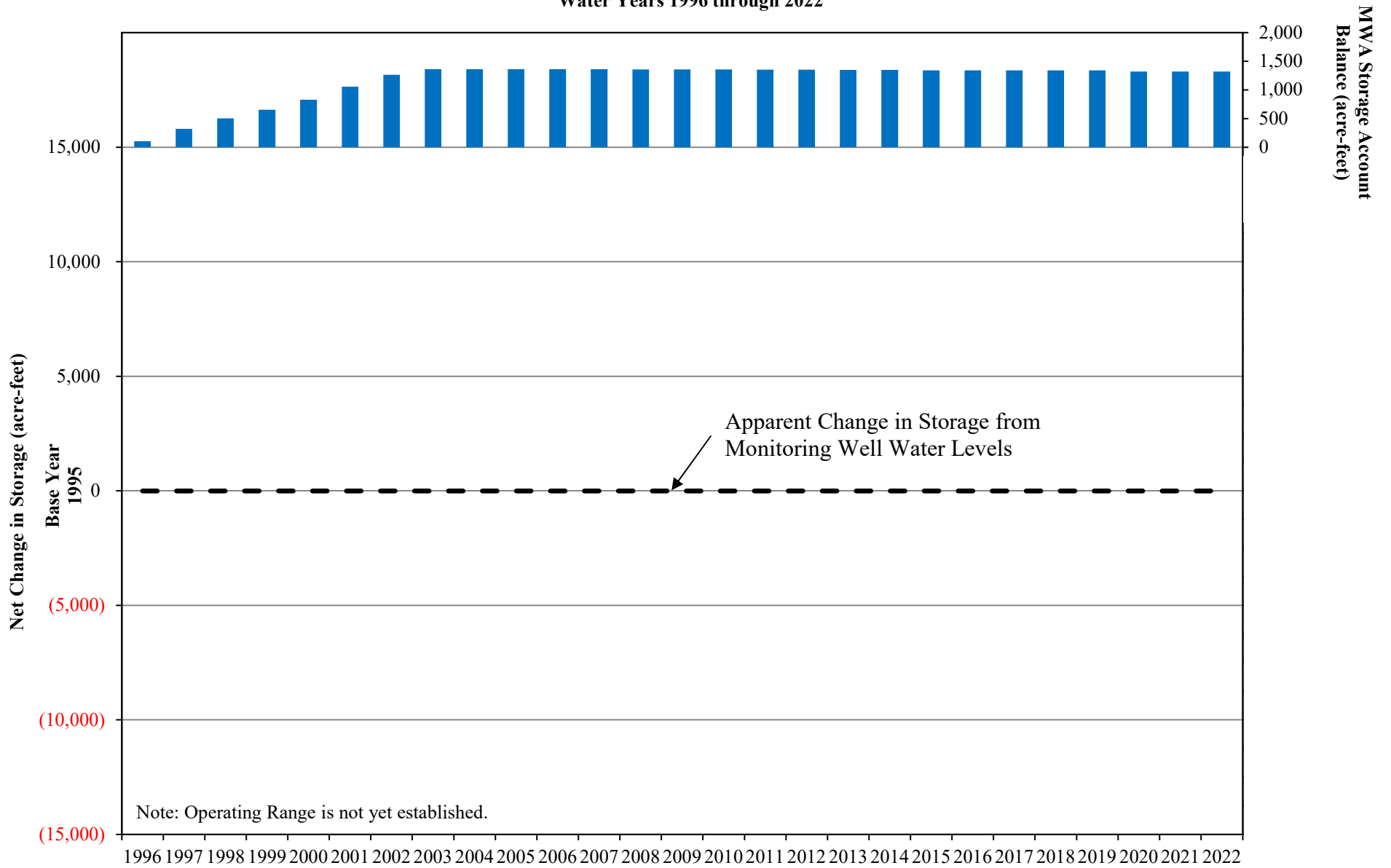


FIGURE 3-21

Oeste Subarea
Net Change in Storage and MWA Storage Account Balance
Water Years 1996 through 2022

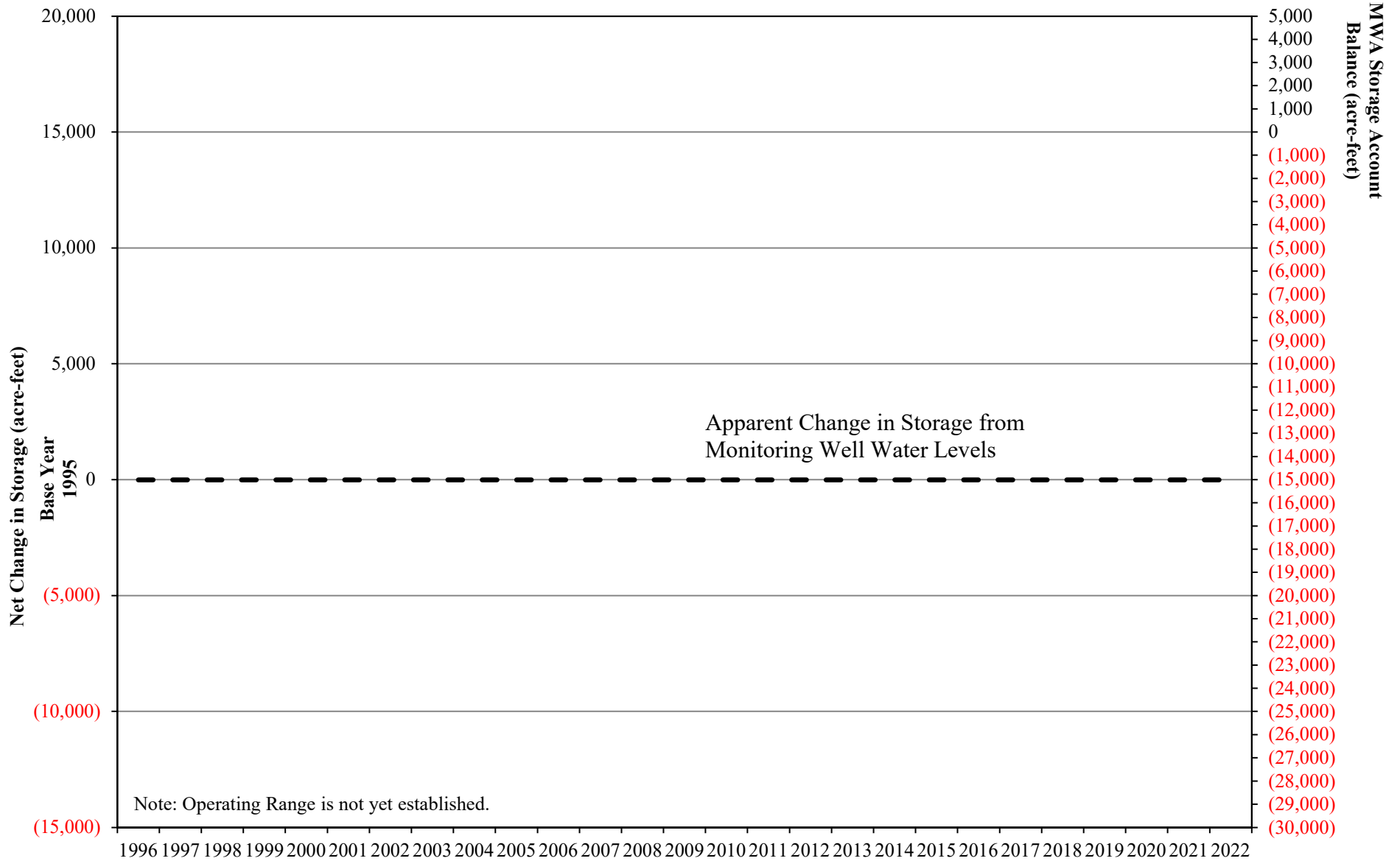


FIGURE 3-22

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, 2023.

Replacement Water

Each Producer's Replacement Water Obligation in each Subarea was calculated by subtracting that Producer's 2021-22 share of FPA (plus any transferred or carryover FPA) from that Producer's verified production in 2021-22. Each Producer's Replacement Water Assessment was calculated by multiplying that Producer's Replacement Water Obligation by the 2021-22 Replacement Water Assessment Rate of \$584.00 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 2021-22 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 2023. Unused FPA during 2021-22 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 2021-22 in each Subarea.

TABLE 4-1

**SUMMARY OF REPLACEMENT WATER OBLIGATIONS
AND
REPLACEMENT WATER ASSESSMENTS FOR
WATER YEAR 2021-22**

<u>Subarea</u>	<u>Replacement Water Obligations</u> (acre-feet)	<u>Replacement Water Assessments</u>	<u>Unused FPA</u> (acre-feet)
Este	396	\$231,264.00	12,035
Oeste	0	\$0.00	4,117
Alto	23,069	\$13,472,296	13,558
Centro	122	\$71,248.00	29,839
Baja	1,702	\$993,968.00	10,422
Total	25,289	\$14,768,776.00	69,971

Makeup Water

The Base Flow determination of 3,337 acre-feet prepared by the Watermaster Engineer was presented to the Watermaster at the regularly scheduled meeting on January 25, 2023. Table 4-2 summarizes the flows credited to each Subarea obligation during Water Year 2021-22, the status of each Subarea at the end of the year and each minimum obligation for Water Year 2021-22. The Makeup Obligation from the Alto Subarea to the Centro Subarea for Water Year 2021-22 is 2,183 acre-feet. Table 4-3 shows the year over year Makeup Obligation from Alto to Centro beginning in Water Year 2012-13.

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 2021-22

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 2021-22					
Cumulative Obligation	5,600	22,400	644,000	33,600	11,200
Cumulative Flow	5,600	22,400	622,857	33,600	7,789
Net cumulative Credit (Debit)	0	0	(21,143)	0	(3,411)
Flow During 2021-22					
Base Flow	---	---	3,337	---	---
Subsurface Flow	200	800	2,000	1,200	249
Other Water	0	0	15,095	0	0
Makeup Water Purchased	<u>0</u>	<u>0</u>	<u>2,833</u>	<u>0</u>	<u>0</u>
Total Flow	200	800	23,265	1,200	249
Minimum Obligations for 2021-22	160	640	25,448	960	3,331
Makeup Obligation Incurred	0	0	2,183	0	3,082
Status at End of 2021-22					
Cumulative Obligation	5,800	23,200	667,000	34,800	11,600
Cumulative Flow	<u>5,800</u>	<u>23,200</u>	<u>646,122</u>	<u>34,800</u>	<u>8,038</u>
Net Cumulative Credit (Debit)	0	0	(20,878)	0	(3,562)
Minimum Obligation for 2022-23					
Annual Minimum	160	640	18,400	960	320
+ 1/3 of Cumulative Debit	0	0	6,959	0	1,187
+ Additional to reduce Cumulative Debit to Annual Obligation	0	0	0	0	1,975
Alternative Minimum for Alto ¹	---	---	---	---	---
Minimum Obligation for 2022-23	160	640	25,359	960	3,482 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 2012-13 THROUGH 2021-22**

Water Year	<u>2012-13</u>	<u>2013-14</u>	<u>2014-15</u>	<u>2015-16</u>	<u>2016-17</u>	<u>2017-18</u>	<u>2018-19</u>	<u>2019-20</u>	<u>2020-21</u>	<u>2021-22</u>
Average Annual Obligation in acre-feet	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000	23,000
Status at Beginning of Water Year										
Cumulative Obligation	437,000	460,000	483,000	506,000	529,000	552,000	575,000	598,000	621,000	644,000
Cumulative Flow	<u>423,651</u>	<u>447,286</u>	<u>468,411</u>	<u>490,268</u>	<u>511,465</u>	<u>533,205</u>	<u>554,196</u>	<u>577,480</u>	<u>600,435</u>	<u>622,857</u>
Net cumulative Credit (Debit)	(13,349)	(12,714)	(14,589)	(15,732)	(17,535)	(18,795)	(20,804)	(20,520)	(20,565)	(21,143)
Flow During Water Year										
Base Flow	7,325	6,227	5,418	4,851	4,031	3,662	4,533	5,185	4,791	3,337
Subsurface Flow	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Other Water	14,310	12,898	12,926	12,940	13,262	12,824	13,077	13,719	13,346	15,095
Makeup Water Purchased	<u>0</u>	<u>0</u>	<u>1,513</u>	<u>1,406</u>	<u>2,447</u>	<u>2,505</u>	<u>3,674</u>	<u>2,051</u>	<u>2,285</u>	<u>2,833</u>
Total Flow	23,635	21,125	21,857	21,197	21,740	20,991	23,284	22,955	22,422	23,265
Minimum Obligations	22,850	22,638	23,263	23,644	24,245	24,665	25,335	25,240	25,255	25,448
Makeup Obligation Incurred	0	1,513	1,406	2,447	2,505	3,674	2,051	2,285	2,833	2,183
Status at End 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	<u>447,286</u>	<u>468,411</u>	<u>490,268</u>	<u>511,465</u>	<u>533,205</u>	<u>554,196</u>	<u>577,480</u>	<u>600,435</u>	<u>622,857</u>	<u>646,122</u>
Net Cumulative Credit (Debit)	(12,714)	(14,589)	(15,732)	(17,535)	(18,795)	(20,804)	(20,520)	(20,565)	(21,143)	(20,878)
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	4,238	4,863	5,244	5,845	6,265	6,935	6,840	6,855	7,048	6,959
+ 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	22,638	23,263	23,644	24,245	24,665	25,335	25,240	25,255	25,448	25,359

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

CHAPTER 5

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24

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 2018 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 2000. 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 2017-18 (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>2022-23 FPA</u>	<u>Production Safe Yield</u>	<u>Percent Difference¹</u>	<u>2021-22 Verified Production</u>
Alto	116,412	64,337	64,406	-0.1%	74.581
Baja	66,157	12,213	12,189	4.9%	10.521
Centro	51,030	31,260	21,088	19.9%	15.442
Este	20,205	12,523	4,728	38.6%	4.114
Oeste	7,095	4,011	1,712	32.4%	2.893

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 2023-24:

<u>Subarea</u>	<u>Proposed 2023-24 Free Production Allowance</u>
Alto	50% of Base Annual Production
Centro	55% of Base Annual Production
Baja	20.5% of Base Annual Production
Este	55% 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 adopted a preliminary PSY value in Alto of 59,409 acre feet. Watermaster was unable to complete the evaluation for the other four subareas. A detailed report and recommendation for all subareas will be provided by February 2024.

Alto – 50% of BAP

Water levels in some wells show a continuing downward trend in response to drier than average water supply during the past 11 years. During 2021-22, inflow measured at Deep Creek and West Fork Mojave River (Forks), was 19,641 acre-feet or about 30% of the 60-year base period average. During the recent 11-year period 2012 to 2022, inflow at the Forks, as reported by USGS has been 42% (27,607 acre-feet) of the 60 year base period average (65,538 acre-feet). Last year Alto experienced 33,383 acre-feet of groundwater depletion. The Watermaster Engineer has proposed leaving FPA in Alto unchanged at 50% for the next five years to allow for investigation of the water supply and to develop flexible basin management tools for long term sustainability. MWA is implementing a drought protection plan that will import water (when available) for recharge as needed in addition to the water purchased by Watermaster parties pursuant to the Judgment.

Centro – 55% of BAP

PSY for Centro will be reevaluated within the next year and a recommendation provided to Watermaster and the Court during the 2023-24 water year. As FPA in Centro exceeds PSY by more than 5% of BAP (19.9%), additional rampdown is warranted. The Mojave Water Agency provided supplemental water to Centro as a precursor to implementation of a drought contingency plan. . It is recommended that Centro FPA be reduced by 5% to 55% for Water Year 2023-24.

Baja – 20.5% of BAP

PSY for Baja will be reevaluated within the next year and a recommendation provided to Watermaster and the Court during the 2023-24 Water Year. As FPA is within 5% of PSY (4.9%) in Baja, additional Rampdown is not required. We note that the water production in Baja has declined about 44% since 2020 to 10,521 acre-feet. It is recommended that Baja FPA remain at 20.5% of BAP for the 2023-24 Water Year.

Este – 55% of BAP

PSY for Este will be reevaluated within the next year and a recommendation provided to Watermaster and the Court during the 2023-24 Water Year. As FPA remains higher than PSY in Este, additional rampdown is warranted. It is recommended that Este FPA be reduced by 5% to 55% for Water Year 2023-24.

Oeste – 50% of BAP

PSY for Oeste will be reevaluated within the next year and a recommendation provided to Watermaster and the Court during the 2023-24 Water Year. As FPA remains higher than PSY in Oeste, additional rampdown is warranted. It is recommended that Oeste FPA be reduced by 5% to 50% for Water Year 2023-24.

**--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	<u>2,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>2,000</u>
TOTAL	3,700	1,500	74,000	39,300	15,600	78,600
CONSUMPTIVE USE AND OUTFLOW						
Surface Water Outflow						
Gaged	0	0	0	0	8,200	8,200
Ungaged	0	0	37,300 ¹	14,000 ⁵	0	0
Subsurface Outflow	200	800	2,000	1,200	0	0
Consumptive Use						
Agriculture	6,800	2,900	16,300	20,300	30,200	76,500
Urban	1,900	1,200	36,300	9,500	9,700	58,600
Phreatophytes	0	0	5,100	900	1,500	7,500 ⁶
Exports	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
TOTAL	8,900	4,900	97,000	45,900	49,600	150,800
 Surplus / (Deficit)	 (5,200)	 (3,400)	 (23,000)	 (6,600)	 (34,000)	 (72,200)
Total Estimated Production (Current Year) ⁷	<u>15,700</u>	<u>7,600</u>	<u>98,900</u>	<u>46,500</u>	<u>54,300</u>	<u>223,000</u>
 PRODUCTION SAFE YIELD (Current Year) ⁷	 10,500	 4,200	 75,900	 39,900	 20,300	 150,800

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

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

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

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

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

⁶ Estimated by Bookman-Edmonston.

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

TABLE 5-1

**SUBAREA HYDROLOGICAL INVENTORY BASED ON
LONG TERM AVERAGE NATURAL WATER SUPPLY AND OUTFLOW
AND 2017-18 IMPORTS AND CONSUMPTIVE USE**

(ALL AMOUNTS IN ACRE-FEET)

WATER SUPPLY	Este	Oeste	Alto	Centro	Baja	Basin Totals
Surface Water Inflow	1,700	1,500	68,500 ¹	33,600 ²	17,358 ³	72,652 ⁴
Subsurface Inflow	0	0	1,000	2,000	1,581 ⁵	0 ⁶
Deep Percolation of Precipitation	0	0	3,500	0	100	3,600
Imports ⁷	2,000	0	2,234	2,262	0	6,496
TOTAL	3,700	1,500	75,234	37,862	19,039	82,748
CONSUMPTIVE USE AND OUTFLOW						
Surface Water Outflow	0	0	33,600 ²	16,406 ⁸	5,372 ⁹	5,372
Subsurface Outflow	200	800	2,000	1,581 ⁵	0	0
Consumptive use						
Agriculture ¹⁰	2,327	1,208	1,311	8,895	17,664	31,405
Urban ^{10,11}	1,500	1,724	40,603	7,557	6,338	57,722
Phreatophytes	0	0	11,000	3,000	2,000	16,000 ¹²
TOTAL	4,027	3,732	88,514	37,439	31,374	110,499
Surplus / (Deficit)	(327)	(2,232)	(13,280)	423	(12,335)	(27,751)
Total Estimated Production ¹³	5,055	3,944	77,686	20,665	24,524	131,874
PRODUCTION SAFE YIELD ¹⁴	4,728	1,712	64,406	21,088	12,189	104,123

¹ Average discharge of Mojave River at The Forks, 1931-1990 (The Forks is the addition of reported values from USGS stations at West Fork Mojave River Near Hesperia, CA (10261000) and Deep Creek Near Hesperia, CA (10260500). Includes 3,000 af of ungaged inflow (Judgment, 1996).

² Estimated based on reported flows at USGS gaging station, Mojave River at Victorville Narrows and 1991-2018 Transition Zone water balance (Watermaster Engineer, 2019).

³ 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).

⁴ Represents the sum of Este (1,700 af), Oeste (1,500 af), Alto (68,500 af) and Baja (747 af from Kane Wash and Boom Creek, 205 af from washes).

⁵ Stamos, 2001 (USGS).

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

⁷ Imports for Este are from the Big Bear Area Regional Wastewater Authority; Alto are from Lake Arrowhead Community Services District and pre-purchased groundwater storage for HDPP; Centro are the average make-up water purchases, 1995-2018.

⁸ Estimated from reported flows at USGS gaging station, Mojave River at Barstow (see note #2 above).

⁹ Based on USGS station Mojave River at Afton, CA (10263000) reported discharge for 1931, 1953-2018. Water Years 1979 and 1980 estimated by Mojave Basin Area Watermaster.

¹⁰ 2018 Consumptive Use Analysis by Watermaster.

¹¹ Includes consumptive use of "Minimals Pool" (estimated Minimal's production is 7,077 af).

¹² From USGS Water-Resources Investigation Report 96-4241 "Riparian Vegetation and Its Water Use During 1995 Along the Mojave River, Southern California" 1996.

¹³ Water production for 2017-18. Included in the production values are the estimated minimal producer's water use by Subarea.

¹⁴ Imported State Water Project water purchased by MWA is not reflected in the above table.

CHAPTER 6

FINANCIAL REPORT PROPOSED BUDGET AND ASSESSMENT RATES

Statements of Revenues, Expenses and Changes in Net Position

	<u>2021</u>	<u>2022</u>
Operating Revenue	\$ 2,287,699.00	\$ 6,169,061.00
Operating Expenses	2,325,510.00	6,206,080.00
Non-operating Revenue (Expense)	(36,622.00)	(89,275.00)
Change in Net Position	(74,433.00)	(126,294.00)
Net Position, beginning of year	992,422.00	918,009.00
Net Position, end of year	\$ 918,009.00	\$ 791,715.00

The Auditor's Report for Fiscal Year 2021-22 ending June 30, 2022 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, 2022 was \$782,596.00.

Administrative Budget for 2023-24

The Administrative Budget for 2023-24 is \$545,770 and is shown on Table 6-1.

Summary of Makeup Water Purchases

The Watermaster purchased 44 acre-feet of Makeup water during the 2021-22 Water Year for the Centro Subarea.

Summary of Replacement Water Purchases

Replacement water purchases by Watermaster during 2021-22 are as follows:

Alto ¹	12,201	acre-feet
Baja	28	acre-feet
Centro	4	acre-feet
Este	1	acre-feet
Oeste	0	acre-feet
Total	12,234	acre-feet

¹ 18 acre-feet of Alto Replacement water was pre-purchased under the MWA Claim Program. 2,286 acre-feet was pre-stored under a storage agreement.

Administrative and Biological Assessment Rates for 2023-24

The Administrative and Biological Assessment Rates for 2023-24 adopted by the Watermaster on March 22, 2023 are as follows:

Administrative	\$ 5.15 per acre-foot of Production
Biological Resources	\$ 1.11 per acre-foot of Production

Projected Replacement and Makeup Water Assessment Rates for 2022-23 and 2023-24

The Replacement and Makeup Water Assessment Rates projected by the Watermaster on March 22, 2023 are as follows:

Replacement and Makeup Water Rate

2022-23	<i>Not to Exceed</i> \$645.00 per acre-foot ¹ (Invoice Date 6-1-2024)
2023-24	\$658.00 per acre-foot (projected) ² (Invoice Date 6-1-2025)

¹ This rate is for obligations incurred in the 2022-23 Water Year which will be billed in June 2024. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency in February 2024.

² This is a projected rate 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.

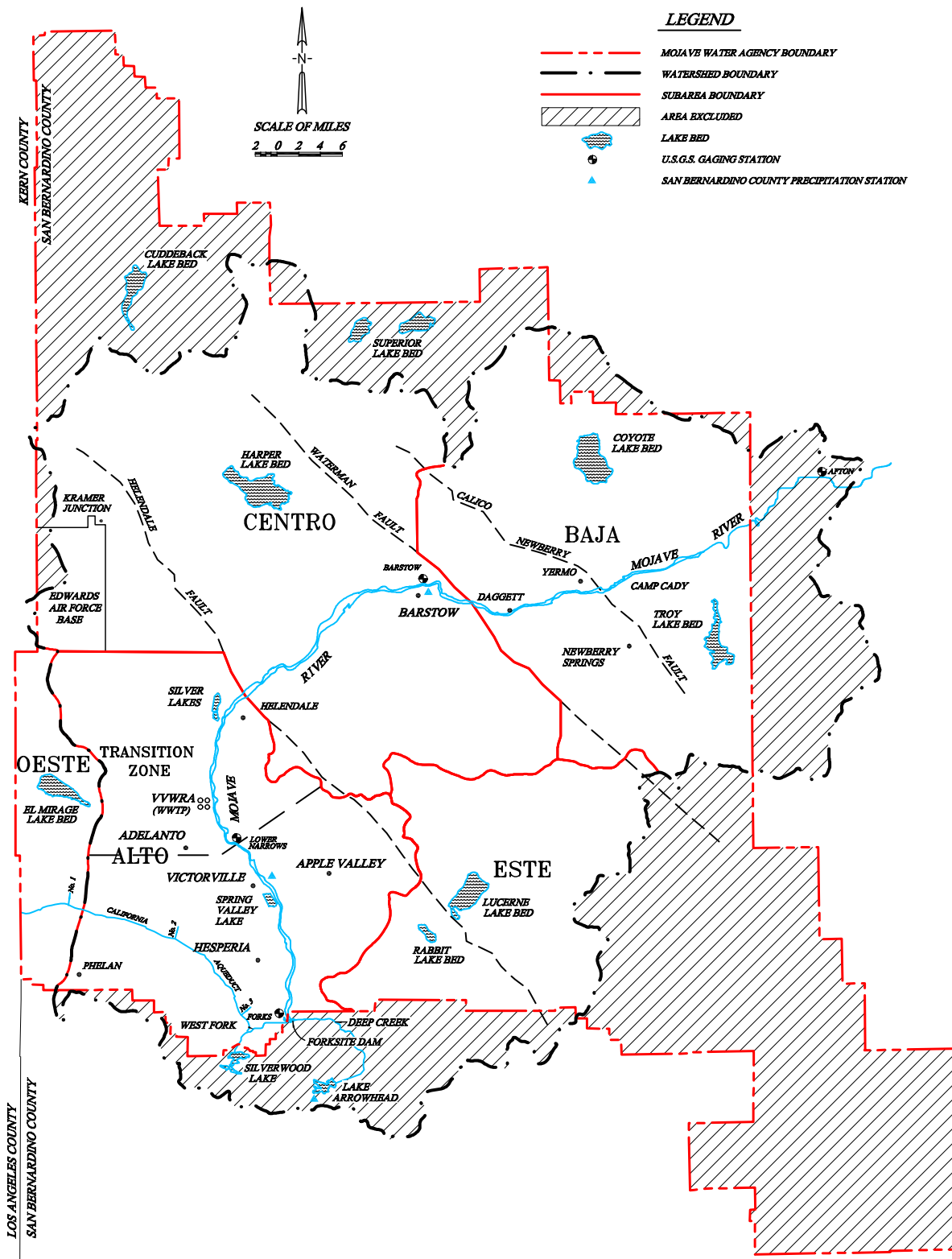
TABLE 6-1

**MOJAVE BASIN AREA WATERMASTER
ADMINISTRATIVE BUDGET
FOR WATER YEAR 2023-24**

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>

APPENDIX A

MAP OF THE MOJAVE BASIN AREA



APPENDIX B

PRODUCER REPLACEMENT WATER AND MAKEUP WATER OBLIGATIONS AND ASSESSMENTS DUE FOR 2021-22

APPENDIX B

MARCH 22, 2023

**PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2021-22
(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	0	0	29	0	29	0	0.00	16,936.00	0.00	16,936.00
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)	0	410	0	260	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	0	0	38	0	38	0	0.00	22,192.00	0.00	22,192.00
CLUB VIEW PARTNERS	1,276	830	894	(33)	0	1,691	0	830	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	0	10	19	0	9	10	0.00	5,256.00	0.00	5,256.00
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	0	108	113	0	5	108	0.00	2,920.00	0.00	2,920.00
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 B

MARCH 22, 2023

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2021-22
(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 WATER \$584.00/AF	MAKEUP WATER N/A	TOTAL		
				2020-21	2021-22											
				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)	0	1,703	322	907	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	0	0	93	0	93	0	0.00	54,312.00	0.00	54,312.00		
OMYA CALIFORNIA, INC.	23	15	0	0	0	15	45	0	30	15	0.00	17,520.00	0.00	17,520.00		
PAK, KAE SOO AND MYONG HUI KANG	247	161	173	(38)	0	296	27	161	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	0	0	126	0	126	0	0.00	73,584.00	0.00	73,584.00		
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	0	26	62	0	36	26	0.00	21,024.00	0.00	21,024.00		
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	0	34	63	0	29	34	0.00	16,936.00	0.00	16,936.00		
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	0	40	15	20	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	12,035	396	3,718	0.00	231,264.00	0.00	231,264.00		

APPENDIX B

MARCH 22, 2023

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND

ASSESSMENTS DUE FOR 2021-22

(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 B

MARCH 22, 2023

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2021-22
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ALTO SUBAREA

PRODUCER	2021-22 FREE PRODUCTION ALLOWANCE						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 ⁹ OBLIGATION	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$584.00/AF	MAKEUP WATER \$584.00/AF	TOTAL	
				2020-21	2021-22										
				CARRYOVER ³	FPA ⁴										
ADELANTO, CITY OF (SEE NOTE 13)	5,182	2,851	0	0	0	2,851	4,506	0	1,655	2,851	123.78	966,520.00	72,287.52	1,038,807.52	
ADES, JOHN AND DEVON	37	21	22	(22)	0	21	3	18	0	3	0.13	0.00	75.92	75.92	
AGCON, INC.	384	212	0	0	0	212	275	0	63	212	9.20	36,792.00	5,372.80	42,164.80	
AMERICAN STATES WATER COMPANY	1,000	550	550	(550)	0	550	0	550	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	3.69	0.00	2,154.96	2,154.96	
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	69	0	0	0	69	110	0	41	69	3.00	23,944.00	1,752.00	25,696.00	
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	0.87	1,168.00	508.08	1,676.08	
APPLE VALLEY, TOWN OF	1,082	596	88	0	0	684	464	220	0	464	20.14	0.00	11,761.76	11,761.76	
BASS TRUST, NEWTON T.	514	283	330	(330)	0	283	4	279	0	4	0.17	0.00	99.28	99.28	
BASTIANON REVOCABLE TRUST	77	43	50	(50)	0	43	1	42	0	1	0.04	0.00	23.36	23.36	
BEINSCHROTH FAMILY TRUST	275	152	177	(177)	0	152	1	151	0	1	0.04	0.00	23.36	23.36	
BEINSCHROTH, ANDY ERIC	250	138	162	(162)	0	138	1	137	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	0.30	0.00	175.20	175.20	
BROWN, BOBBY G. AND VALERIA R.	42	24	27	(27)	0	24	1	23	0	1	0.04	0.00	23.36	23.36	
BROWN, JENNIFER	41	23	23	(23)	0	23	3	20	0	3	0.13	0.00	75.92	75.92	
BRUNEAU, KAREN	10	6	5	(5)	0	6	2	4	0	2	0.09	0.00	52.56	52.56	
BRYANT, IAN	29	16	19	(19)	0	16	0	16	0	0	0.00	0.00	0.00	0.00	
BUNNELL, DICK	24	14	14	(14)	0	14	2	12	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	47.76	0.00	27,891.84	27,891.84	
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	1,159	0	0	0	1,159	2,352	0	1,193	1,159	50.32	696,712.00	29,386.88	726,098.88	
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	35.82	124,392.00	20,918.88	145,310.88	
DLW REVOCABLE TRUST	70	39	46	(46)	0	39	0	39	0	0	0.00	0.00	0.00	0.00	
DOLCH LIVING TRUST ROBERT AND JUDITH	90	50	59	(59)	0	50	0	50	0	0	0.00	0.00	0.00	0.00	
DORA LAND, INC.	15	9	10	0	0	19	0	9	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)	0	17	0	17	0	0	0.00	0.00	0.00	0.00	
FISCHER REVOCABLE LIVING TRUST	36	20	23	(23)	0	20	1	19	0	1	0.04	0.00	23.36	23.36	
FISHER TRUST, JEROME R.	633	349	412	(412)	0	349	0	349	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						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 \$584.00/AF	MAKEUP WATER \$584.00/AF	TOTAL	
				2020-21	2021-22										
				CARRYOVER ³	FPA ⁴										
FRAZIER, ET AL.	50	28	33	(33)	0	28	0	28	0	0	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	940	517	0	0	0	517	945	0	428	517	22.45	249,952.00	13,110.80	263,062.80	
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)	0	5	0	5	0	0	0.00	0.00	0.00	0.00	
HALANNA EQUITIES III	19	11	0	0	0	11	4	7	0	4	0.17	0.00	99.28	99.28	
HAMILTON FAMILY TRUST	108	60	50	(50)	0	60	8	52	0	8	0.35	0.00	204.40	204.40	
HELENDALE COMMUNITY SERVICES DISTRICT	4,157	2,287	595	(595)	0	2,287	1,543	744	0	1,543	66.99	0.00	39,122.16	39,122.16	
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	0	373	592	0	219	373	16.19	127,896.00	9,454.96	137,350.96	
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	472	8,608	14,129	0	5,521	8,608	373.72	3,224,264.00	218,252.48	3,442,516.48	
HESPERIA, CITY OF	6,736	3,705	3,705	(3,705)	0	3,705	0	3,705	0	0	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	149	82	54	(54)	0	82	27	55	0	27	1.17	0.00	683.28	683.28	
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	0	8	0	4	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)	0	3,977	929	3,048	0	929	40.33	0.00	23,552.72	23,552.72	
JOHNSON, CARLEAN	23	13	0	0	0	13	14	0	1	13	0.56	584.00	327.04	911.04	
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)	0	70	7	63	0	7	0.30	0.00	175.20	175.20	
KANESAKA, KENJI AND YUKARI	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
KEMPER CAMPBELL RANCH	473	261	239	(239)	0	261	26	235	0	26	1.13	0.00	659.92	659.92	
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	362	428	(428)	0	362	0	362	0	0	0.00	0.00	0.00	0.00	
LANGLEY, JAMES	5	3	4	(4)	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	9	(9)	0	9	1	8	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	344.72	462,528.00	201,316.48	663,844.48	
LOW, DEAN	199	110	130	(130)	0	110	0	110	0	0	0.00	0.00	0.00	0.00	
LUCKEY 2010 REVOCABLE TRUST	300	165	194	(194)	0	165	1	164	0	1	0.04	0.00	23.36	23.36	
MARIANA RANCHOS COUNTY WATER DISTRICT	280	154	0	0	0	154	197	0	43	154	6.69	25,112.00	3,906.96	29,018.96	
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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ALTO SUBAREA

PRODUCER	2021-22 FREE PRODUCTION ALLOWANCE						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 \$584.00/AF	TOTAL	
				2020-21	2021-22										
				CARRYOVER ³	FPA ⁴										
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	0	98	22	49	0	22	0.96	0.00	560.64	560.64	
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)	0	20	1	19	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)	0	84	0	84	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	4.65	0.00	2,715.60	2,715.60	
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	3.82	0.00	2,230.88	2,230.88	
RIM PROPERTIES, A GENERAL PARTNERSHIP	9	5	6	(6)	0	5	0	5	0	0	0.00	0.00	0.00	0.00	
RUE RANCH, INC.	30	17	19	(19)	0	17	1	16	0	1	0.04	0.00	23.36	23.36	
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENT	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)	0	256	64	192	0	64	2.78	0.00	1,623.52	1,623.52	
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	2,103	0	0	0	2,103	2,701	0	598	2,103	91.30	349,232.00	53,319.20	402,551.20	
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	559	0	0	0	559	1,719	0	1,160	559	24.27	677,440.00	14,173.68	691,613.68	
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	0	2,743	3,254	0	511	2,743	119.09	298,424.00	69,548.56	367,972.56	
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	0	2,073	2,456	0	383	2,073	90.00	223,672.00	52,560.00	276,232.00	
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)	0	35	0	35	0	0	0.00	0.00	0.00	0.00	
SUDMEIER, GLENN W.	20	11	12	(12)	0	11	1	10	0	1	0.04	0.00	23.36	23.36	
SUMMIT VALLEY RANCH, LLC	57	32	13	(13)	0	32	19	13	0	19	0.82	0.00	478.88	478.88	
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	230	270	(270)	0	230	2	228	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)	0	206	1	205	0	1	0.04	0.00	23.36	23.36	
THUNDERBIRD COUNTY WATER DISTRICT	126	70	0	0	0	70	116	0	46	70	3.04	26,864.00	1,775.36	28,639.36	
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	0	132	354	0	222	132	5.73	129,648.00	3,346.32	132,994.32	
VICTOR VALLEY MEMORIAL PARK	0	0	0	0	0	0	51	0	51	0	0.00	29,784.00	0.00	29,784.00	
VICTORVILLE WATER DISTRICT, ID#1 (SEE NOTE 13)	23,020	12,661	0	0	378	13,039	19,783	0	6,744	13,039	566.09	3,938,496.00	330,596.58	4,269,092.58	
VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 13)	2,932	1,613	0	0	0	1,613	4,265	0	2,652	1,613	70.03	1,548,768.00	40,897.52	1,589,665.52	

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ALTO SUBAREA

PRODUCER	2021-22 FREE PRODUCTION ALLOWANCE						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 \$584.00/AF	TOTAL	
				2020-21 CARRYOVER ³	2021-22 FPA ⁴										
VOGLER, ALBERT H.	62	35	41	(41)	0	35	0	35	0	0	0.00	0.00	0.00	0.00	
WAGNER LIVING TRUST	1,224	674	796	(796)	0	674	0	674	0	0	0.00	0.00	0.00	0.00	
WAKULA FAMILY TRUST	11	7	7	(7)	0	7	1	6	0	1	0.04	0.00	23.36	23.36	
WARD, KEN AND BARBARA	65	36	31	(31)	0	36	11	25	0	11	0.48	0.00	280.32	280.32	
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)	0	6	1	5	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	62,728	14,499	(13,310)	0	63,917	74,581	13,558	23,069	50,282	2,182.96	13,472,296.00	1,274,848.66	14,747,144.66	

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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)	0	19	0	19	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	0	0	2	0	2	0	0.00	1,168.00	0.00	1,168.00	
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)	(65)	170	0	170	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)	0	99	1	98	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 MA	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)	(4)	82	0	82	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)	0	16,877	5,696	9,365	0	5,696	0.00	0.00	0.00	0.00	
GRILL, NICHOLAS P. AND MILLIE D. (SEE NOTE 15)	0	0	0	0	0	0	102	0	102	0	0.00	59,568.00	0.00	59,568.00	
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)	0	834	267	470	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)	0	20	0	20	0	0	0.00	0.00	0.00	0.00	
HELENDALE COMMUNITY SERVICES DISTRICT	238	155	72	(72)	(114)	41	0	41	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)	0	2,036	39	1,518	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

PRODUCER	2021-22 FREE PRODUCTION ALLOWANCE						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	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)	0	299	4	295	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)	0	124	0	124	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)	0	151	0	151	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								
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	(518)	5,459	0	2,839	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	31,355	32,749	(4,250)	(1,513)	58,341	15,442	29,839	122	14,826	0.00	71,248.00	0.00	71,248.00	

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BAJA 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	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2020-21	2021-22							WATER	WATER		
				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	0	13	36	0	23	13	0.00	13,432.00	0.00	13,432.00	
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	0	616	232	275	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	14	305	421	0	173	305	0.00	101,032.00	0.00	101,032.00	
DAGGETT COMMUNITY SERVICES DISTRICT	504	114	0	0	0	114	202	0	88	114	0.00	51,392.00	0.00	51,392.00	
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	0	18	20	0	2	18	0.00	1,168.00	0.00	1,168.00	
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	0	78	30	39	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 CARRYOVER ³	2021-22 FPA ⁴							WATER	WATER		
												\$584.00/AF	N/A		
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	0	533	971	0	438	533	0.00	255,792.00	0.00	255,792.00	
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)	0	11	1	7	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	0	127	87	0	5	87	0.00	2,920.00	0.00	2,920.00	
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)	0	1,263	0	1,263	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 CARRYOVER ³	2021-22 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	14	146	283	0	141	146	0.00	82,344.00	0.00	82,344.00
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)	0	525	0	525	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	14	274	141	84	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

APPENDIX B

MARCH 22, 2023

**PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2021-22
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	2021-22 FREE PRODUCTION ALLOWANCE						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	MAKEUP	TOTAL	
				2020-21	2021-22							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
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	0	10	14	0	5	14	0.00	2,920.00	0.00	2,920.00	
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	0	0	3	0	3	0	0.00	1,752.00	0.00	1,752.00	
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)	0	274	0	135	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	0	203	294	0	91	203	0.00	53,144.00	0.00	53,144.00	
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	

APPENDIX B

MARCH 22, 2023

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND

ASSESSMENTS DUE FOR 2021-22

(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 WATER \$584.00/AF	MAKEUP WATER N/A	TOTAL
				2020-21	2021-22									
				CARRYOVER ³	FPA ⁴									
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	0	18	22	0	4	18	0.00	2,336.00	0.00	2,336.00
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	8,128	1,829	990	(990)	(431)	1,398	557	841	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	(300)	7	229	0	222	7	0.00	129,648.00	0.00	129,648.00
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)	(216)	23,154	10,521	10,422	1,702	8,904	0.00	993,968.00	0.00	993,968.00

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

MARCH 22, 2023

**MAKEUP WATER OBLIGATIONS
AND**

ASSESSMENTS DUE FOR 2021-22

(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 ⁷ FPA	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	12,035	396	3,718	0.00	231,264.00	0.00	231,264.00
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	62,728	14,499	(13,310)	0	63,917	74,581	13,558	23,069	50,282	2,182.96	13,472,296.00	1,274,848.66	14,747,144.66
CENTRO	49,477	31,355	32,749	(4,250)	(1,513)	58,341	15,442	29,839	122	14,826	0.00	71,248.00	0.00	71,248.00
BAJA	63,929	14,468	10,322	(1,420)	(216)	23,154	10,521	10,422	1,702	8,904	0.00	993,968.00	0.00	993,968.00
GRAND TOTAL	253,822	125,207	75,276	(19,410)	(1,729)	179,344	107,551	69,971	25,289	80,623	2,182.96	14,768,776.00	1,274,848.66	16,043,624.66

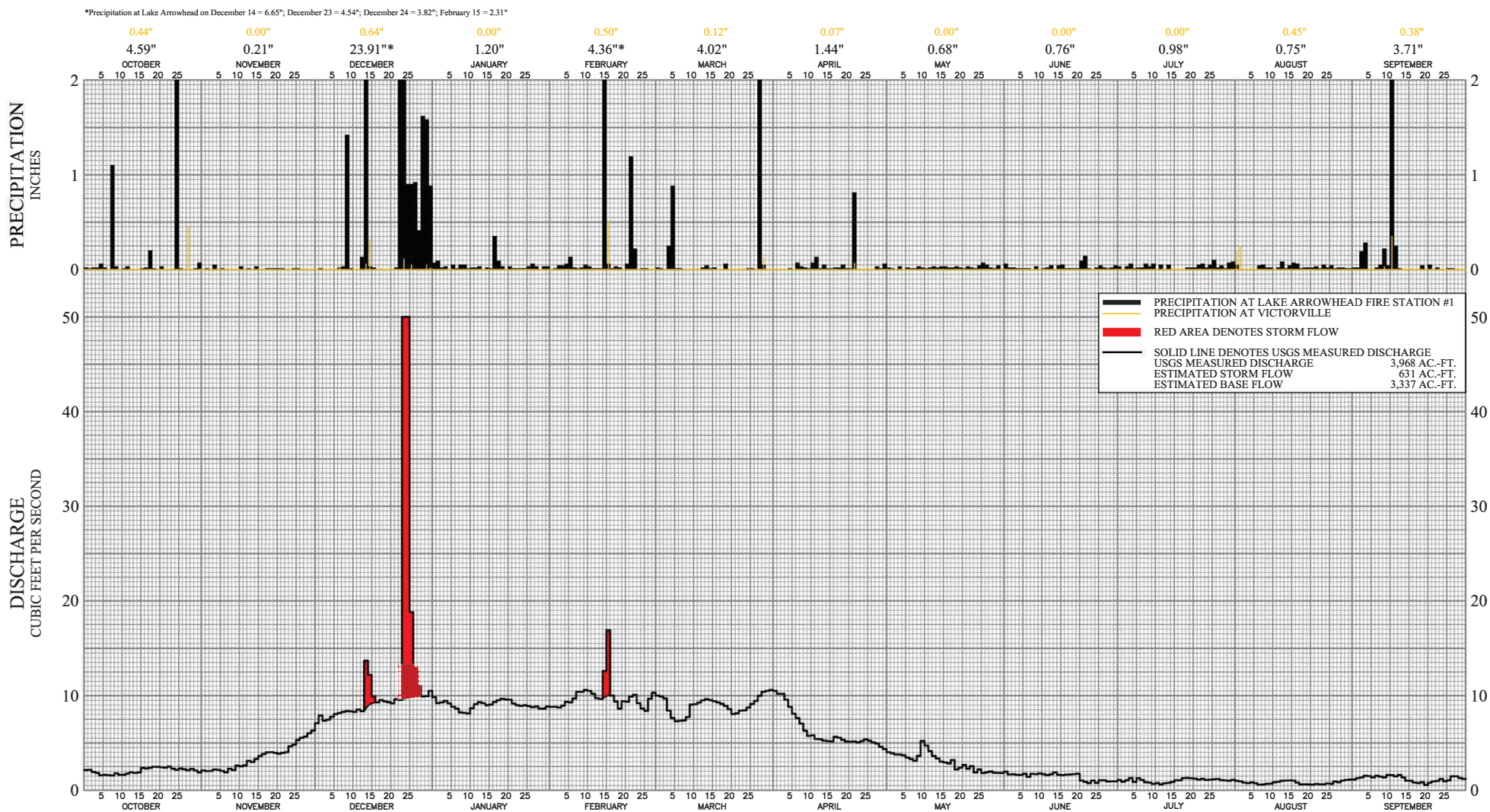
NOTES FOR APPENDIX B

- 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 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 2021-22



DISCHARGE OF MOJAVE RIVER AT LOWER NARROWS,
PRECIPITATION AT LAKE ARROWHEAD FIRE STATION #1,
AND PRECIPITATION AT VICTORVILLE
WATER YEAR 2021-22

MOJAVE RIVER AT LOWER NARROWS NEAR VICTORVILLE, CA

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

WATER YEAR 2021-22

AVERAGE DAILY DISCHARGE, CUBIC FT PER SECOND

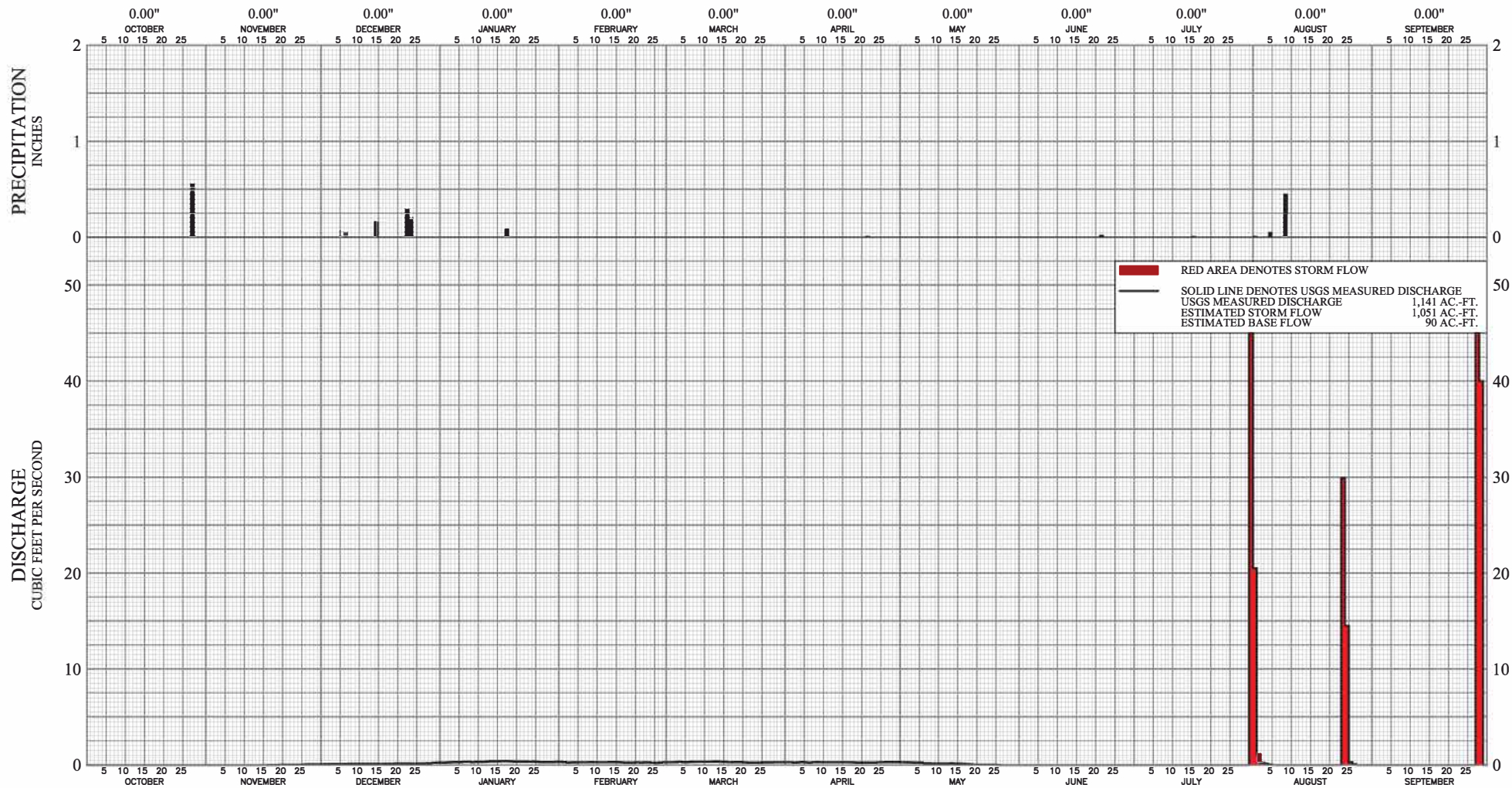
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	2.14	2.09	7.08	9.82	8.81	10.0	10.5	4.0	1.97	1.09	1.00	1.14
2	2.16	2.03	7.90	9.21	8.82	9.90	10.2	3.9	1.66	0.90	0.94	1.28
3	1.93	2.04	7.34	9.27	8.74	9.70	10.2	3.8	1.69	1.05	0.80	1.35
4	1.83	2.19	7.46	9.44	8.93	8.42	9.57	3.8	1.64	1.29	0.75	1.53
5	1.57	2.16	7.76	9.18	9.34	7.62	8.80	3.7	1.63	0.87	0.83	1.50
6	1.62	2.04	8.06	8.82	9.28	7.29	8.09	3.46	1.75	1.27	0.73	1.35
7	1.59	1.89	8.16	8.63	9.70	7.33	7.62	3.30	1.42	1.10	0.58	1.52
8	1.56	2.27	8.28	8.22	10.4	7.37	7.04	3.11	1.73	0.84	0.61	1.45
9	1.79	2.12	8.36	8.18	10.4	7.73	6.29	3.63	1.71	0.81	0.68	1.36
10	1.64	2.61	8.33	8.11	10.6	9.06	5.75	e5.21	1.78	0.67	0.70	1.61
11	1.64	2.52	8.27	8.67	10.5	9.09	5.81	e4.72	1.70	0.76	0.85	1.60
12	1.76	2.63	8.52	9.09	10.2	9.26	5.42	4.14	1.59	0.62	0.89	1.47
13	1.89	3.11	8.34	9.30	9.72	9.50	5.39	3.62	1.69	0.73	1.00	1.61
14	1.82	2.99	13.7	9.19	9.65	9.63	5.25	3.34	1.87	0.77	1.02	1.34
15	1.87	3.30	12.2	8.99	12.6	9.52	5.19	3.02	1.63	0.88	1.04	1.01
16	2.36	3.61	9.91	9.06	16.9	9.42	5.17	2.95	1.60	1.06	1.02	1.00
17	2.30	3.83	9.27	9.32	10.0	9.28	5.65	2.83	1.65	1.05	0.80	0.80
18	2.38	4.01	9.53	9.51	9.37	9.14	5.56	3.19	1.67	1.27	0.62	0.76
19	2.48	4.03	9.39	9.67	8.63	8.91	5.32	2.20	1.71	1.30	0.64	0.84
20	2.47	3.96	9.31	9.59	9.40	8.57	5.15	2.38	1.75	1.26	0.62	0.55
21	2.43	3.85	9.18	9.57	9.36	8.06	5.13	2.68	1.03	e1.22	0.58	0.79
22	2.39	3.96	9.63	9.16	9.89	8.14	5.16	2.26	0.90	e1.12	0.67	0.95
23	2.50	4.03	9.54	8.98	10.1	8.41	5.05	2.54	0.75	1.21	0.64	0.98
24	2.28	4.65	93.9	8.92	9.19	8.44	5.19	1.88	1.02	1.09	0.64	1.20
25	2.16	4.80	206	8.99	8.64	8.73	5.37	2.21	0.77	1.13	0.72	0.94
26	2.30	5.30	18.8	8.89	8.39	9.13	5.23	1.81	1.05	1.16	0.68	1.05
27	2.22	5.54	12.9	8.77	9.67	9.44	5.05	1.90	1.05	1.19	0.93	1.47
28	2.11	5.67	11.0	8.84	10.3	9.99	4.93	1.99	0.93	1.07	0.85	1.48
29	2.26	6.03	9.91	8.64		10.4	4.59	1.85	0.95	1.04	1.02	1.29
30	2.08	6.31	9.95	8.63		10.5	4.34	1.83	0.95	1.00	1.10	1.20
31	1.88		10.5	8.84		10.6		1.83		1.11	1.14	
TOTAL (CFS - DAYS)	63.4	106	578	279	278	279	188	93.1	43.2	31.9	25.1	36.4
ACRE-FEET	126	209	1,147	554	550	553	373	185	85.8	63.3	49.8	72.2

WATER YEAR TOTAL = 3,968 AC-FT

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

PRECIPITATION, INCHES

WATER YEAR TOTAL = 46.64



DISCHARGE OF MOJAVE RIVER AT AFTON
AND PRECIPITATION AT BARSTOW
WATER YEAR 2021-22

MOJAVE RIVER AT AFTON, CA

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

WATER YEAR 2021-22

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	0.11	0.25	0.32	0.29	0.29	0.28	0.01	0.00	20.5	0.00
2	0.00	0.00	0.12	0.25	0.31	0.29	0.29	0.27	0.00	0.00	1.09	0.00
3	0.00	0.00	0.12	0.27	0.26	0.30	0.25	0.27	0.00	0.00	0.24	0.00
4	0.00	0.00	0.12	0.30	0.27	0.33	0.27	0.26	0.00	0.00	0.15	0.00
5	0.00	0.00	0.12	0.30	0.27	0.31	0.30	0.26	0.00	0.00	0.07	0.00
6	0.00	0.00	0.12	0.31	0.28	0.31	0.27	0.26	0.00	0.00	0.01	0.00
7	0.00	0.00	0.12	0.34	0.28	0.32	0.26	0.21	0.00	0.00	0.00	0.00
8	0.00	0.00	0.13	0.34	0.28	0.32	0.28	0.20	0.00	0.00	0.00	0.00
9	0.00	0.00	0.15	0.31	0.30	0.34	0.30	0.19	0.00	0.00	0.00	0.00
10	0.00	0.00	0.15	0.32	0.29	0.34	0.29	0.19	0.00	0.00	0.00	0.00
11	0.00	0.00	0.15	0.32	0.29	0.33	0.29	0.19	0.00	0.00	0.00	0.00
12	0.00	0.00	0.14	0.32	0.29	0.34	0.29	0.19	0.00	0.00	0.00	0.00
13	0.00	0.00	0.14	0.36	0.29	0.35	0.28	0.19	0.00	0.00	0.00	0.00
14	0.00	0.00	0.15	0.38	0.30	0.35	0.29	0.20	0.00	0.00	0.00	0.00
15	0.00	0.01	0.14	0.37	0.30	0.32	0.29	0.18	0.00	0.00	0.00	0.00
16	0.00	0.01	0.12	0.39	0.30	0.32	0.29	0.17	0.00	0.00	0.00	0.00
17	0.00	0.02	0.14	0.40	0.27	0.29	0.28	0.15	0.00	0.00	0.00	0.00
18	0.00	0.02	0.14	0.40	0.25	0.30	0.27	0.12	0.00	0.00	0.00	0.00
19	0.00	0.02	0.16	0.38	0.25	0.30	0.26	0.09	0.00	0.00	0.00	0.00
20	0.00	0.03	0.17	0.35	0.26	0.30	0.26	0.06	0.00	0.00	0.00	0.00
21	0.00	0.03	0.17	0.36	0.29	0.27	0.25	0.05	0.00	0.00	0.00	0.00
22	0.00	0.04	0.17	0.36	0.26	0.25	0.25	0.05	0.00	0.00	0.00	0.00
23	0.00	0.05	0.17	0.36	0.27	0.25	0.25	0.04	0.00	0.00	0.00	0.00
24	0.00	0.05	0.18	0.34	0.27	0.26	0.25	0.03	0.00	0.00	29.9	0.00
25	0.00	0.06	0.16	0.35	0.24	0.26	0.28	0.03	0.00	0.00	14.5	0.00
26	0.00	0.07	0.18	0.32	0.22	0.27	0.29	0.02	0.00	0.00	0.27	0.00
27	0.00	0.08	0.19	0.30	0.26	0.27	0.30	0.01	0.00	0.00	0.09	0.00
28	0.00	0.10	0.21	0.31	0.29	0.27	0.31	0.01	0.00	0.00	0.01	e330
29	0.00	0.10	0.20	0.31		0.28	0.30	0.01	0.00	0.00	0.00	e40.0
30	0.00	0.10	0.23	0.31		0.28	0.31	0.01	0.00	0.00	0.00	e0.00
31	0.00		0.25	0.32		0.29		0.01		92.6	0.00	
TOTAL (CFS)	0.00	0.79	4.82	10.3	7.76	9.30	8.39	4.20	0.01	92.6	66.8	370
ACRE-FEET	0.00	1.57	9.56	20.4	15.4	18.4	16.6	8.33	0.02	184	133	734

WATER YEAR TOTAL = 1,141 AC-FT

NOAA STATION NO. W04-0521-07

WATER YEAR 2021-22

PRECIPITATION, INCHES

TOTAL (IN)

WATER YEAR TOTAL = 1.85

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

MARCH 22, 2023

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2020-21 CARRYOVER ²	2021-22 FPA ³	2020-21 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2020-21 CARRYOVER IN LIEU OF MAKEUP ⁵	2021-22 FPA IN LIEU OF MAKEUP ⁶	
AHN, CHUN SOO AND DAVID				63			AHN REVOCABLE LIVING TRUST
AHN, CHUN SOO AND DAVID				1			GARDENA MISSION CHURCH, INC.
AHN, CHUN SOO AND DAVID				66			OASIS WORLD MISSION
BELL, CHARLES H. TRUST DATED MARCH 7, 2014				48			JUNIPER RIVIERA COUNTY WATER DISTRICT
CLUB VIEW PARTNERS				33			SAN BERNARDINO COUNTY SERVICE AREA 29
GAETA, MIGUEL AND MARIA			48				JUNIPER RIVIERA COUNTY WATER DISTRICT
HERT, SCOTT		194					DESERT GIRLZ LLC
HERT, SCOTT	276						DESERT GIRLZ LLC
MITSUBISHI CEMENT CORPORATION				26			OMYA CALIFORNIA, INC.
MITSUBISHI CEMENT CORPORATION				152			ROBERTSON'S READY MIX
MITSUBISHI CEMENT CORPORATION				3			SPECIALTY MINERALS, INC.
PAK, KAE SOO AND MYONG HUI KANG				38			CHUNG, ET AL.
TOTAL	276	194	48	430	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	2020-21 CARRYOVER ²	2021-22 FPA ³	2020-21 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2020-21 CARRYOVER IN LIEU OF MAKEUP ⁵	2021-22 FPA IN LIEU OF MAKEUP ⁶	
ADES, JOHN AND DEVON				22			VICTORVILLE WATER DISTRICT, ID#1
AMERICAN STATES WATER COMPANY				456			GOLDEN STATE WATER COMPANY
AMERICAN STATES WATER COMPANY				94			SAN BERNARDINO COUNTY SERVICE AREA 70J
BASS TRUST, NEWTON T.				330			ADELANTO, CITY OF
BASTIANON REVOCABLE TRUST				50			VICTORVILLE WATER DISTRICT, ID#1
BEINSCHROTH FAMILY TRUST				58			ADELANTO, CITY OF
BEINSCHROTH FAMILY TRUST				58			MARIANA RANCHOS COUNTY WATER DISTRICT
BEINSCHROTH FAMILY TRUST				61			THUNDERBIRD COUNTY WATER DISTRICT
BEINSCHROTH, ANDY ERIC				162			ADELANTO, CITY OF
BOX, GEARY S. AND LAURA		10					LANGLEY, JAMES
BROWN, BOBBY G. AND VALERIA R.				27			VICTORVILLE WATER DISTRICT, ID#1
BROWN, JENNIFER				23			VICTORVILLE WATER DISTRICT, ID#1
BRUNEAU, KAREN				5			ADELANTO, CITY OF
BRYANT, IAN				19			VICTORVILLE WATER DISTRICT, ID#1
BUNNELL, DICK				14			VICTORVILLE WATER DISTRICT, ID#1
CALMAT COMPANY		10					JOHNSON, PAUL - INDUSTRIAL
CALPORTLAND COMPANY - AGRICULTURE		418					LANGLEY, JAMES
CALPORTLAND COMPANY - ORO GRANDE PLANT		610					LANGLEY, JAMES - INDUSTRIAL
DLW REVOCABLE TRUST				46			ADELANTO, CITY OF
DOLCH LIVING TRUST ROBERT AND JUDITH				59			ADELANTO, CITY OF
DORA LAND, INC.				10			ADELANTO, CITY OF
FEDERAL BUREAU OF PRISONS, VICTORVILLE			378				VICTORVILLE WATER DISTRICT, ID#1
FINCH, JENIFER				20			VICTORVILLE WATER DISTRICT, ID#1
FISCHER REVOCABLE LIVING TRUST				23			SPRING VALLEY LAKE ASSOCIATION
FISHER TRUST, JEROME R.				412			ADELANTO, CITY OF
FRAZIER, ET AL.				33			APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
HAAS, BRYAN C. AND HINKLE, MARY H.				6			SPRING VALLEY LAKE ASSOCIATION
HAMILTON FAMILY TRUST				50			HESPERIA - GOLF COURSE, CITY OF
HELENDALE COMMUNITY SERVICES DISTRICT				595			VICTORVILLE WATER DISTRICT, ID#1
HESPERIA, CITY OF				201			HESPERIA - GOLF COURSE, CITY OF
HESPERIA, CITY OF				3,504			HESPERIA WATER DISTRICT
HI-GRADE MATERIALS COMPANY				22			AGCON, INC.
HI-GRADE MATERIALS COMPANY		32					LANGLEY, JAMES - INDUSTRIAL
HOLWAY JEFFREY R AND PATRICIA GAGE		6					HESPERIA WATER DISTRICT

APPENDIX E

MARCH 22, 2023

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

ALTO SUBAREA

	TRANSFER AMOUNT						
TRANSFEROR	BASE ANNUAL PRODUCTION ¹	2020-21 CARRYOVER ²	2021-22 FPA ³	2020-21 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2020-21 CARRYOVER IN LIEU OF MAKEUP ⁵	2021-22 FPA IN LIEU OF MAKEUP ⁶	TRANSFeree
HOLWAY, JEFFREY R		8					HESPERIA WATER DISTRICT
HUNT, CONNIE		43					HESPERIA WATER DISTRICT
JESS RANCH WATER COMPANY				2,707			VICTORVILLE WATER DISTRICT, ID#1
JOHNSON, PAUL - INDUSTRIAL				10			VICTORVILLE WATER DISTRICT, ID#1
JOHNSON, RONALD		21					HESPERIA WATER DISTRICT
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		31					LANGLEY, JAMES
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		30					LANGLEY, JAMES
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		17					LANGLEY, JAMES
KEMPER CAMPBELL RANCH				239			SILVER LAKES ASSOCIATION
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT				428			SPRING VALLEY LAKE ASSOCIATION
LANGLEY, JAMES				400			CDFW - MOJAVE NARROWS REGIONAL PARK
LANGLEY, JAMES				96			SAN BERNARDINO COUNTY SERVICE AREA 70J
LANGLEY, JAMES				70			VICTOR VALLEY MEMORIAL PARK
LANGLEY, JAMES - INDUSTRIAL				315			CDFW - MOJAVE NARROWS REGIONAL PARK
LANGLEY, JAMES - INDUSTRIAL				163			SAN BERNARDINO COUNTY SERVICE AREA 64
LANGLEY, JAMES - INDUSTRIAL				164			SAN BERNARDINO COUNTY SERVICE AREA 70J
LAWSON, ERNEST AND BARBARA				7			APPLE VALLEY VIEW MUTUAL WATER COMPANY
LAWSON, ERNEST AND BARBARA				2			VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
LHC ALLIGATOR, LLC			274				HESPERIA WATER DISTRICT
LOW, DEAN				130			ADELANTO, CITY OF
LUCKEY 2010 REVOCABLE TRUST				194			ADELANTO, CITY OF
MCKINNEY, PAULA		22					HESPERIA WATER DISTRICT
NUNN FAMILY TRUST				23			SPRING VALLEY LAKE ASSOCIATION
PAUSTELL, JOAN BEINSCHROTH				99			ADELANTO, CITY OF
POLICH, DONNA		43					HESPERIA WATER DISTRICT
RIM PROPERTIES, A GENERAL PARTNERSHIP				6			SILVER LAKES ASSOCIATION
RUE RANCH, INC.				19			ADELANTO, CITY OF
SAN BERNARDINO COUNTY SERVICE AREA 42				98			SAN BERNARDINO COUNTY SERVICE AREA 64
SAN BERNARDINO COUNTY SERVICE AREA 42				98			SAN BERNARDINO COUNTY SERVICE AREA 70J
SCRAY, MICHELLE A. TRUST		9					LANGLEY, JAMES
STORM, RANDALL				41			SPRING VALLEY LAKE ASSOCIATION
SUDMEIER, GLENN W.				12			VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
SUMMIT VALLEY RANCH, LLC				2			HALANNA EQUITIES III
SUMMIT VALLEY RANCH, LLC				11			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	2020-21 CARRYOVER ²	2021-22 FPA ³	2020-21 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2020-21 CARRYOVER IN LIEU OF MAKEUP ⁵	2021-22 FPA IN LIEU OF MAKEUP ⁶	
THOMPSON LIVING TRUST, JAMES A. AND SULA B.				270			VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
THRASHER, GARY				4			JOHNSON, CARLEAN
THRASHER, GARY				237			VICTORVILLE WATER DISTRICT, ID#1
VANHOOPS HOLDINGS, LP	360						HESPERIA WATER DISTRICT
VANHOOPS HOLDINGS, LP				234			HESPERIA WATER DISTRICT
VANHOOPS HOLDINGS, LP			198				HESPERIA WATER DISTRICT
VOGLER, ALBERT H.				41			SILVER LAKES ASSOCIATION
WAGNER LIVING TRUST				796			VICTORVILLE WATER DISTRICT, ID#1
WAKULA FAMILY TRUST				7			ADELANTO, CITY OF
WARD, KEN AND BARBARA				31			VICTORVILLE WATER DISTRICT, ID#1
WEST, HOWARD AND SUZY		47					LANGLEY, JAMES
WEST, JIMMIE E.				6			ADELANTO, CITY OF
TOTAL	360	1,357	850	13,320	0	0	

APPENDIX E

MARCH 22, 2023

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

CENTRO SUBAREA

TRANSFER AMOUNT							
TRANSFEROR	BASE ANNUAL PRODUCTION ¹	2020-21 CARRYOVER ²	2021-22 FPA ³	2020-21 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2020-21 CARRYOVER IN LIEU OF MAKEUP ⁵	2021-22 FPA IN LIEU OF MAKEUP ⁶	TRANSFeree
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT					11		APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT					9		APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT					1		APPLE VALLEY VIEW MUTUAL WATER COMPANY
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY						55	CDFW - MOJAVE NARROWS REGIONAL PARK
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY					34		CDFW - MOJAVE NARROWS REGIONAL PARK
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY						23	HESPERIA - GOLF COURSE, CITY OF
BROMMER HOUSE TRUST					37		HESPERIA WATER DISTRICT
BROMMER HOUSE TRUST						65	HESPERIA WATER DISTRICT
BROMMER HOUSE TRUST					17		MARIANA RANCHOS COUNTY WATER DISTRICT
BROMMER HOUSE TRUST					4		NAVAJO MUTUAL WATER COMPANY
BROMMER HOUSE TRUST					11		RANCHERITOS MUTUAL WATER COMPANY
BROMMER HOUSE TRUST					7		SAN BERNARDINO COUNTY SERVICE AREA 42
BROMMER HOUSE TRUST					115		SAN BERNARDINO COUNTY SERVICE AREA 64
BROMMER HOUSE TRUST					62		SAN BERNARDINO COUNTY SERVICE AREA 70J
CHRISTISON, JOEL					53		HESPERIA WATER DISTRICT
CONTRATTO, ERSULA					105		HESPERIA WATER DISTRICT
DE VRIES, NEIL AND MARY FAMILY TRUST	3,800						VICTORVILLE WATER DISTRICT, ID#1
DE VRIES, NEIL AND MARY FAMILY TRUST		2,660					VICTORVILLE WATER DISTRICT, ID#1
DORRANCE, DAVID W. AND TAMELA L.						13	CDFW - MOJAVE NARROWS REGIONAL PARK
EYGNOR, ROBERT E.					35		HESPERIA WATER DISTRICT
FOURFREE USA, INC.				19			CHONG, JOAN
FRATES, D. COLE						9	CDFW - MOJAVE NARROWS REGIONAL PARK
GABRYCH, EUGENE					29		ADELANTO, CITY OF
GABRYCH, EUGENE					1		BROWN, JENNIFER
GABRYCH, EUGENE					59		SPRING VALLEY LAKE ASSOCIATION
GABRYCH, EUGENE						4	THUNDERBIRD COUNTY WATER DISTRICT
GABRYCH, EUGENE					4		THUNDERBIRD COUNTY WATER DISTRICT
GAINES FAMILY TRUST, JACK AND MARY					9		ADELANTO, CITY OF
GAINES FAMILY TRUST, JACK AND MARY					56		APPLE VALLEY, TOWN OF
GAINES FAMILY TRUST, JACK AND MARY	19						HELENDALE COMMUNITY SERVICES DISTRICT
GAINES FAMILY TRUST, JACK AND MARY	73						VICTORVILLE WATER DISTRICT, ID#1
GOLDEN STATE WATER COMPANY					57		GOLDEN STATE WATER COMPANY
GOLDEN STATE WATER COMPANY		800					HUERTA, HECTOR
GOLDEN STATE WATER COMPANY					116		SAN BERNARDINO COUNTY SERVICE AREA 64

APPENDIX E

MARCH 22, 2023

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

CENTRO SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2020-21 CARRYOVER ²	2021-22 FPA ³	2020-21 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2020-21 CARRYOVER IN LIEU OF MAKEUP ⁵	2021-22 FPA IN LIEU OF MAKEUP ⁶	
GOLDEN STATE WATER COMPANY		1,600					VERNOLA TRUST, PAT AND MARY ANN
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH						1	BOX, GEARY S. AND LAURA
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH					1		CALPORTLAND COMPANY - ORO GRANDE PLANT
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH						98	CALPORTLAND COMPANY - ORO GRANDE PLANT
HARMSen FAMILY TRUST				142			GRILL, NICHOLAS P. AND MILLIE D.
HARPER LAKE COMPANY VIII	1,433						LUZ SOLAR PARTNERS LTD. IX
HARPER LAKE COMPANY VIII		1,004					LUZ SOLAR PARTNERS LTD. IX
HASKINS, JAMES J.					4		CALPORTLAND COMPANY - ORO GRANDE PLANT
HASKINS, JAMES J.					10		HESPERIA - GOLF COURSE, CITY OF
HASKINS, JAMES J.					7		HESPERIA WATER DISTRICT
HELENDALE COMMUNITY SERVICES DISTRICT						114	HELENDALE COMMUNITY SERVICES DISTRICT
HELENDALE COMMUNITY SERVICES DISTRICT					72		HELENDALE COMMUNITY SERVICES DISTRICT
HILL FAMILY TRUST AND HILL'S RANCH, INC.					140		JESS RANCH WATER COMPANY
HILL FAMILY TRUST AND HILL'S RANCH, INC.					977		LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR
JOHNSON, PAUL				1			BARSTOW COMMUNITY DEVELOPERS, LLC
JOHNSON, PAUL					1		BEINSCHROTH FAMILY TRUST
JOHNSON, PAUL					1		CALMAT COMPANY
JOHNSON, PAUL					8		KEMPER CAMPBELL RANCH
JOHNSON, PAUL					1		THRASHER, GARY
JOHNSON, PAUL	17						VICTORVILLE WATER DISTRICT, ID#1
JOHNSON, PAUL						12	VICTORVILLE WATER DISTRICT, ID#1
JORDAN FAMILY TRUST					318		HESPERIA WATER DISTRICT
KASNER FAMILY LIMITED PARTNERSHIP					102		ADELANTO, CITY OF
KASNER FAMILY LIMITED PARTNERSHIP						24	AGCON, INC.
KASNER FAMILY LIMITED PARTNERSHIP						91	CEMEX, INC.
KASNER FAMILY LIMITED PARTNERSHIP						8	HESPERIA - GOLF COURSE, CITY OF
KASNER FAMILY LIMITED PARTNERSHIP						147	HESPERIA WATER DISTRICT
KASNER FAMILY LIMITED PARTNERSHIP						3	HI-GRADE MATERIALS COMPANY
KASNER FAMILY LIMITED PARTNERSHIP						1	JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.
KASNER FAMILY LIMITED PARTNERSHIP					15		PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT
KASNER FAMILY LIMITED PARTNERSHIP					163		SPRING VALLEY LAKE ASSOCIATION
KASNER FAMILY LIMITED PARTNERSHIP					15		VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
KIM, JIN S. AND HYUN H.					133		HESPERIA WATER DISTRICT
LUZ SOLAR PARTNERS LTD. IX	1,433						LOCKHART LAND HOLDING, LLC

APPENDIX E

MARCH 22, 2023

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	2020-21 CARRYOVER ²	2021-22 FPA ³	2020-21 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2020-21 CARRYOVER IN LIEU OF MAKEUP ⁵	2021-22 FPA IN LIEU OF MAKEUP ⁶	
LUZ SOLAR PARTNERS LTD. IX		1,004					LOCKHART LAND HOLDING, LLC
SEXTON, RODNEY A. AND SEXTON, DEREK R.					163		ADELANTO, CITY OF
SOPPELAND REVOCABLE TRUST					1		ADES, JOHN AND DEVON
SOPPELAND REVOCABLE TRUST				1			BARSTOW COMMUNITY DEVELOPERS, LLC
SOPPELAND REVOCABLE TRUST					1		BASS TRUST, NEWTON T.
SOPPELAND REVOCABLE TRUST					2		HALANNA EQUITIES III
SOPPELAND REVOCABLE TRUST					2		JOHNSON, CARLEAN
SOPPELAND REVOCABLE TRUST					158		SILVER LAKES ASSOCIATION
SOPPELAND REVOCABLE TRUST					158		SILVER LAKES ASSOCIATION
SOPPELAND REVOCABLE TRUST					6		SPRING VALLEY LAKE ASSOCIATION
SOPPELAND REVOCABLE TRUST					3		SUMMIT VALLEY RANCH, LLC
SOPPELAND REVOCABLE TRUST					1		THOMPSON LIVING TRUST, JAMES A. AND SULA B.
SOPPELAND REVOCABLE TRUST						311	VICTORVILLE WATER DISTRICT, ID#1
SOPPELAND REVOCABLE TRUST	478						VICTORVILLE WATER DISTRICT, ID#1
SOPPELAND REVOCABLE TRUST					2		WARD, KEN AND BARBARA
VAN DAM REVOCABLE TRUST, E AND S					2		APPLE VALLEY VIEW MUTUAL WATER COMPANY
VAN DAM REVOCABLE TRUST, E AND S		504					OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K.
VAN DAM REVOCABLE TRUST, E AND S	722						OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K.
VAN LEEUWEN TRUST, JOHN A. AND LETIE					10		ADELANTO, CITY OF
VAN LEEUWEN TRUST, JOHN A. AND LETIE					12		SILVER LAKES ASSOCIATION
VAN LEEUWEN TRUST, JOHN A. AND LETIE					589		VICTORVILLE WATER DISTRICT, ID#1
VAN LEEUWEN TRUST, JOHN A. AND LETIE					177		VICTORVILLE WATER DISTRICT, ID#2
VICTORVILLE WATER DISTRICT, ID#1		40					CHONG, JOAN
VICTORVILLE WATER DISTRICT, ID#1						518	VICTORVILLE WATER DISTRICT, ID#1
WERNER, ANDREW J.						12	CDFW - MOJAVE NARROWS REGIONAL PARK
WESTERN DEVELOPMENT AND STORAGE, LLC						4	CDFW - MOJAVE NARROWS REGIONAL PARK
TOTAL	7,975	7,612	0	163	4,087	1,513	

APPENDIX E

MARCH 22, 2023

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	2020-21 CARRYOVER ²	2021-22 FPA ³	2020-21 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2020-21 CARRYOVER IN LIEU OF MAKEUP ⁵	2021-22 FPA IN LIEU OF MAKEUP ⁶	
ARCHIBEK, ERIC				363			CLARK, GARY AND BETH A.
ARCHIBEK, ERIC			300				LAKE WAINANI OWNERS ASSOCIATION
ARCHIBEK, ERIC				139			WESTERN HORIZON ASSOCIATES, INC.
BARBER, JAMES B.				7			MUSIC, ZAJO
BREDELIS, RONALD C. AND JEAN		6					DE JONG FAMILY TRUST
DAGGETT SOLAR POWER 3 LLC				45			DAGGETT LAND HOLDINGS LLC
GARG, OM P.		121					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
GRAY, GEORGE F. AND BETTY E.		24					DE JONG FAMILY TRUST
HARTER, JOE AND SUE				50			DAGGETT COMMUNITY SERVICES DISTRICT
HARTER, JOE AND SUE		214					ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI
HARTER, JOE AND SUE				86			ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI
HASS, PAULINE L.		8					DE JONG FAMILY TRUST
HIETT, HARRY L.				4			DAGGETT RANCH, LLC
HILARIDES 1998 REVOCABLE FAMILY TRUST		7					HACKBARTH, EDWARD E.
HILARIDES 1998 REVOCABLE FAMILY TRUST				67			HACKBARTH, EDWARD E.
HYATT, JAMES AND BRENDA		37					DE JONG FAMILY TRUST
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST		11					DE JONG FAMILY TRUST
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST		3					IRVIN, BERTRAND W.
KASNER FAMILY LIMITED PARTNERSHIP		159					HACKBARTH, EDWARD E.
KASNER, ROBERT		195					HACKBARTH, EDWARD E.
LAKE WAINANI OWNERS ASSOCIATION		400					ARCHIBEK, ERIC
LIANG, YUAN - I AND TZU - MEI CHEN		50					DE JONG FAMILY TRUST
LIN, KUANG JUNG AND CHUNG, DER-BING			102				NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
MALONEY, JANICE HAWES		9					HACKBARTH, EDWARD E.
MALONEY, JANICE HAWES	36						HACKBARTH, EDWARD E.
MIZRAHIE, ET AL.				37			SMITH, DENISE DBA AMEREQUINE BEAUTY, INC
MOJAVE WATER AGENCY			600				GENON CALIFORNIA SOUTH, LP
MORRIS TRUST, JULIA V.		75					DE JONG FAMILY TRUST
NEW SPRINGS LIMITED PARTNERSHIP		52					DE JONG FAMILY TRUST
NEW SPRINGS LIMITED PARTNERSHIP				11			HORTON FAMILY TRUST
NEW SPRINGS LIMITED PARTNERSHIP		21					MARTIN, MICHAEL D. AND ARLENE D.
NEW SPRINGS LIMITED PARTNERSHIP		101					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
NEW SPRINGS LIMITED PARTNERSHIP		74					NSSLIC, INC.
NEW SPRINGS LIMITED PARTNERSHIP		30					QUIROS, FRANCISCO J. AND HERRMANN, RONALD

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

MARCH 22, 2023

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2020-21 CARRYOVER ²	2021-22 FPA ³	2020-21 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2020-21 CARRYOVER IN LIEU OF MAKEUP ⁵	2021-22 FPA IN LIEU OF MAKEUP ⁶	
NEW SPRINGS LIMITED PARTNERSHIP		140					ST. ANTONY COPTIC ORTHODOX MONASTERY
NEW SPRINGS LIMITED PARTNERSHIP				54			VAN BASTELAAR, ALPHONSE
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		27					CHEYENNE LAKE, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			14				CHEYENNE LAKE, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		28					CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			14				CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		27					HORTON FAMILY TRUST
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		29					LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			14				LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		27					O. F. D. L., INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			14				O. F. D. L., INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			14				SUNDOWN LAKES, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		27					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			14				WLSR, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		27					WLSR, INC.
SAMPLES, BERNARD D. AND JANICE E.		11					HU, MINSHENG
SAMPLES, BERNARD D. AND JANICE E.	43						HU, MINSHENG
SOUTHERN CALIFORNIA EDISON COMPANY				11			DAGGETT COMMUNITY SERVICES DISTRICT
VAN DAM FAMILY TRUST, GLEN AND JENNIFER		102					ARCHIBEK, ERIC
VAN DAM FAMILY TRUST, GLEN AND JENNIFER				50			DAGGETT COMMUNITY SERVICES DISTRICT
VAN DAM FAMILY TRUST, GLEN AND JENNIFER			431				DAGGETT LAND HOLDINGS LLC
VAN DAM FAMILY TRUST, GLEN AND JENNIFER		683					DAGGETT LAND HOLDINGS LLC
VAN DAM FAMILY TRUST, GLEN AND JENNIFER				43			DAGGETT LAND HOLDINGS LLC
VAN DAM FAMILY TRUST, GLEN AND JENNIFER				112			LAKE JODIE PROPERTY OWNERS ASSOCIATION
WESTERN HORIZON ASSOCIATES, INC.			300				ARCHIBEK, ERIC
TOTAL	79	2,755	1,832	1,079	0	0	
TOTAL - ALL SUBAREAS	8,690	11,918	2,730	14,992	4,087	1,513	

NOTES FOR APPENDIX E

- 1 TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT DURING 2021-22.
- 2 TRANSFERS OF 2020-21 CARRYOVER (UNUSED FPA) FOR USE DURING 2021-22.
- 3 TRANSFERS OF 2021-22 FREE PRODUCTION ALLOWANCE FOR USE DURING 2021-22.
- 4 2020-21 CARRYOVER IN LIEU OF REPLACEMENT TRANSFERS ARE MADE ONLY FOR SATISFACTION OF REPLACEMENT WATER OBLIGATIONS INCURRED DURING 2020-21.
- 5 2020-21 CARRYOVER IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2020-21.
- 6 2021-22 FPA IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2020-21.

APPENDIX F

BALANCES IN STORAGE AGREEMENTS

APPENDIX F

MARCH 22, 2023

STORAGE AGREEMENT ACCOUNTING AND BALANCES
2021-22 WATER YEAR
(ALL AMOUNTS IN ACRE-FEET)

STORER	STORAGE AGREEMENT				ACTIVITY				BALANCE AS OF 9/30/22
	INITIATION DATE	EXPIRATION DATE	MAXIMUM AMOUNT ¹	AMOUNT STORED AS OF 10/1/21	ADDITIONS	LOSSES ²	DISSIPATION ³	EXTRACTIONS	
VICTORVILLE WATER DISTRICT, ID#1 - INJECTION	05/23/2012	06/30/2027	13,000	1,000	0	0	0	0	1,000
VICTORVILLE WATER DISTRICT, ID#1 - PERCOLATION	07/27/2016	09/30/2028	0	7,153	2,201	-66	0	-2,019	7,269
VICTORVILLE WATER DISTRICT, ID#1 TOTAL			13,000	8,153	2,201	-66	0	-2,019	8,269
MOJAVE WATER AGENCY - ALTO	09/28/2016	09/28/2036	242,000	133,856	12	0	0	-12,116	121,752
MOJAVE WATER AGENCY - BAJA	09/28/2016	09/28/2036	50,000	24,733	1	0	0	-52	24,682
MOJAVE WATER AGENCY - CENTRO	09/28/2016	09/28/2036	35,000	24,615	1,905	-57	0	-47	26,416
MOJAVE WATER AGENCY - ESTE	09/28/2016	09/28/2036	7,000	1,335	0	0	0	-1	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	184,539	1,918	-57	0	-12,216	174,184

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, 2022



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

Annual Financial Report

For the Fiscal Year Ended June 30, 2022



Mojave Basin Area Watermaster
Annual Financial Report
For the Fiscal Year Ended June 30, 2022 (with comparative data for 2021)

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Financial Section



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Quality Center*

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California Society of
Certified Public Accountants



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, 2022, 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, 2022, 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*, 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 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, 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.

Prior Year Comparative Information

We have previously audited the Watermaster's 2021 financial statements, and we expressed an unmodified opinion in our report dated November 18, 2021. In our opinion, the summarized comparative information presented herein as of and for the year ended June 30, 2021, is consistent, in all material respects, with the audited financial statements from which it has been derived. Such information does not include all of the information required 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, 2021, from which such partial information was derived.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated October 13, 2022 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 13, 2022

**Mojave Basin Area Watermaster
Management's Discussion and Analysis
For the Fiscal Year Ended June 30, 2022**

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, 2022 and 2021. 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 2022, the Watermaster's net position decreased 14%, or \$126,294, to \$791,715 as a result of ongoing operations. In fiscal year 2021, the Watermaster's net position decreased 7%, or \$74,433, to \$918,009 as a result from ongoing operations.
- 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 2021, the Watermaster's operating revenues increased 270%, or \$1,669,051, to \$2,287,699 primarily due to an increase in replacement assessments.
- In fiscal year 2022, the Watermaster's operating expenses increased 167%, or \$3,880,570, to \$6,206,080 primarily due to an increased amount of in State Water Project importation for replacement charges. In fiscal year 2021, the Watermaster's operating expenses increased 283%, or \$1,718,419, to \$2,325,510 primarily due to an increase in 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 2022 and 2021.

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, 2022

Financial Analysis of the Watermaster

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

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

These two statements report the Watermaster's *net position* and changes in net position. You can think of the Watermaster's net position – the difference between assets and liabilities – as one way to measure the Watermaster's financial health, or *financial position*. Over time, *increases or decreases* in the Watermaster's net position are one indicator of whether its *financial health* is improving or deteriorating. However, one will need to consider other non-financial factors such as changes in economic conditions, population growth, zoning and new or changed government legislation, such as changes in Federal and State water quality standards.

Notes to the Basic Financial Statements

The notes provide additional information that is essential to a full understanding of the data provided in the basic financial statements.

Statements of Net Position

	Condensed Statements of Net Position				
	2022	2021	Change	2020	Change
Assets					
Current assets	\$ 6,788,267	\$ 2,897,513	\$ 3,890,754	\$ 1,292,559	\$ 1,604,954
Non-current assets	2,540	2,076	464	3,015	(939)
Total assets	<u>6,790,807</u>	<u>2,899,589</u>	<u>3,891,218</u>	<u>1,295,574</u>	<u>1,604,015</u>
Liabilities					
Current liabilities	<u>5,999,092</u>	<u>1,981,580</u>	<u>4,017,512</u>	<u>303,132</u>	<u>1,678,448</u>
Total liabilities	<u>5,999,092</u>	<u>1,981,580</u>	<u>4,017,512</u>	<u>303,132</u>	<u>1,678,448</u>
Net position					
Restricted	<u>791,715</u>	<u>918,009</u>	<u>(126,294)</u>	<u>992,442</u>	<u>(74,433)</u>
Total net position	<u>\$ 791,715</u>	<u>\$ 918,009</u>	<u>\$ (126,294)</u>	<u>\$ 992,442</u>	<u>\$ (74,433)</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 \$791,715 and \$918,009 as of June 30, 2022 and 2021, 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, 2022

Statements of Revenues, Expenses and Changes in Net Position

	Condensed Statements of Revenues, Expenses and Changes in Net Position				
	2022	2021	Change	2020	Change
Revenue:					
Operating revenues	\$ 6,169,061	\$ 2,287,699	\$ 3,881,362	\$ 618,648	\$ 1,669,051
Non-operating revenues	6,858	10,887	(4,029)	29,164	(18,277)
Total revenues	<u>6,175,919</u>	<u>2,298,586</u>	<u>3,877,333</u>	<u>647,812</u>	<u>1,650,774</u>
Expense:					
Operating expense	6,206,080	2,325,510	3,880,570	607,091	1,718,419
Non-operating expenses	96,133	47,509	48,624	91,428	(43,919)
Total expenses	<u>6,302,213</u>	<u>2,373,019</u>	<u>3,929,194</u>	<u>698,519</u>	<u>1,674,500</u>
Change in net position	(126,294)	(74,433)	(51,861)	(50,707)	(23,726)
Net position, beginning of year	<u>918,009</u>	<u>992,442</u>	<u>(74,433)</u>	<u>1,043,149</u>	<u>(50,707)</u>
Net position, end of year	<u>\$ 791,715</u>	<u>\$ 918,009</u>	<u>\$ (126,294)</u>	<u>\$ 992,442</u>	<u>\$ (74,433)</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 decreased by \$126,294 for the fiscal year ended June 30, 2022, as result of ongoing operations. For the fiscal year ended June 30, 2021, net position decreased by \$74,433 as a result of ongoing operations.

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

In fiscal year 2022, the Watermaster's total revenues increased 169%, or \$3,877,333, to \$6,175,919 due to an increase of \$3,852,664 in Replacement assessments. In fiscal year 2021, the Watermaster's total revenues increased 255%, or \$1,650,774, to \$2,298,586 due to an increase of \$1,687,019 in Replacement assessments which was offset by a decrease of \$18,883 in Administrative and Biological assessments.

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. In fiscal year 2021, the Watermaster's total expenses increased 240%, or \$1,674,500, to \$2,373,019 due to an increase of \$1,685,972 in State Water Project importation charges. This is offset by an increase of \$31,597 in operating costs and a decrease of \$44,001 in 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, 2022 (with comparative data for 2021)

	2022	2021
ASSETS		
Current assets:		
Restricted - cash and cash equivalents (Note 2)	\$ 2,284,389	\$ 1,285,079
Accrued interest receivable	1,409	613
Accounts receivable - Administrative assessments	5,329	2,364
Accounts receivable - Biological assessments	296	559
Accounts receivable - Replacement assessments	4,493,590	1,608,036
Accounts receivable - Make-up assessments	3,254	862
Total current assets	6,788,267	2,897,513
Non-current assets:		
Accounts receivable - Administrative assessments	2,068	1,695
Accounts receivable - Biological assessments	472	357
Accounts receivable - Make-up assessments	-	24
Total non-current assets	2,540	2,076
Total assets	6,790,807	2,899,589
LIABILITIES		
Current liabilities:		
Accounts payable - Administrative	33,854	144,719
Accounts payable - Biological	96,133	47,427
Accounts payable - Replacement	5,624,034	1,783,370
Accounts payable - Make-up	24,233	6,064
Due to Mojave Water Agency	220,838	-
Total current liabilities	5,999,092	1,981,580
Total liabilities	5,999,092	1,981,580
NET POSITION		
Restricted for Watermaster (Note 3)	791,715	918,009
Total net position	\$ 791,715	\$ 918,009

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, 2022 (with comparative data for 2021)**

	2022	2021
OPERATING REVENUES		
Administrative assessments	\$ 423,405	\$ 410,844
Biological assessments	117,041	119,148
Replacement assessments	5,604,102	1,751,438
Make-up assessments	24,513	6,269
Total operating revenues	6,169,061	2,287,699
OPERATING EXPENSES		
State Water Project importation charges:		
Replacement charges	5,605,149	1,750,391
Make-up charges	24,209	6,169
Operating costs	576,722	568,950
Total operating expenses	6,206,080	2,325,510
Operating income (loss)	(37,019)	(37,811)
NONOPERATING REVENUES (EXPENSES)		
Investment earnings (loss)	(6,858)	458
Administrative revenue	13,716	10,429
Administrative expense	-	(82)
Biological expense	(96,133)	(47,427)
Total nonoperating revenues (expenses)	(89,275)	(36,622)
Change in net position	(126,294)	(74,433)
Net position, beginning of year	918,009	992,442
Net position, end of year	\$ 791,715	\$ 918,009

See accompanying notes to the basic financial statements.

Mojave Basin Area Watermaster
Statements of Cash Flows
For the Fiscal Year Ended June 30, 2022 (with comparative data for 2021)

	2022	2021
Cash flows from operating activities:		
Cash receipts from customers and others	\$ 3,277,949	\$ 714,645
Cash paid to vendors and suppliers	(1,922,084)	(301,137)
Cash paid to employees for salaries and wages	(348,901)	(383,005)
Net cash provided by operating activities	<u>1,006,964</u>	<u>30,503</u>
Cash flows from investing activities:		
Investment earnings	<u>(7,654)</u>	<u>2,859</u>
Net cash provided (used) by investing activities	<u>(7,654)</u>	<u>2,859</u>
Net increase in cash and cash equivalents	999,310	33,362
Cash and investments, beginning of year	<u>1,285,079</u>	<u>1,251,717</u>
Cash and investments, end of year	<u><u>\$ 2,284,389</u></u>	<u><u>\$ 1,285,079</u></u>
Reconciliation to the Statement of Net Position:		
Restricted - cash and cash equivalents	<u>\$ 2,284,389</u>	<u>\$ 1,285,079</u>
Total cash and investments	<u><u>\$ 2,284,389</u></u>	<u><u>\$ 1,285,079</u></u>

(Continued on next page)

Mojave Basin Area Watermaster
Statements of Cash Flows, continued
For the Fiscal Year Ended June 30, 2022 (with comparative data for 2021)

	<u>2022</u>	<u>2021</u>
Reconciliation of operating income (loss) to net cash provided by operating activities		
Operating income (loss)	\$ (37,019)	\$ (37,811)
Adjustments to reconcile operating income (loss) to net cash provided by operating activities:		
Nonoperating revenues	13,716	10,429
Nonoperating expenses	(96,133)	(47,509)
Changes in assets and liabilities:		
(Increase) Decrease in assets:		
Accounts receivable - Administrative assessments	(3,338)	(380)
Accounts receivable - Biological assessments	148	(245)
Accounts receivable - Replacement assessments	(2,885,554)	(1,572,746)
Accounts receivable - Make-up assessments	(2,368)	317
Increase (Decrease) in liabilities:		
Accounts payable - Administrative	(110,865)	21,679
Accounts payable - Biological	48,706	(44,002)
Accounts payable - Replacement	3,840,664	1,701,033
Accounts payable - Make-up	18,169	(262)
Due to Mojave Water Agency	220,838	-
Total adjustments	<u>1,043,983</u>	<u>68,314</u>
Net cash provided by operating activities	<u>\$ 1,006,964</u>	<u>\$ 30,503</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

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*.

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, 2022 (with comparative data for 2021)

Note 2: Cash and Cash Equivalents, continued

Custodial Credit Risk

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

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

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

	<u>2022</u>	<u>2021</u>
Restricted - cash and cash equivalents:		
Biological resources trust	\$ 782,596	\$ 711,817
Replacement water	1,475,780	563,373
Make-up water	26,013	9,889
	<u>\$ 2,284,389</u>	<u>\$ 1,285,079</u>

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

	<u>2022</u>	<u>2021</u>
Demand deposits with financial institutions	\$ 1,541,656	\$ 534,692
Local Agency Investment Fund (LAIF)	742,733	750,387
	<u>\$ 2,284,389</u>	<u>\$ 1,285,079</u>

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

	<u>2022</u>	<u>2021</u>
Deposits held with California Local Agency Investment Fund (LAIF)	311 days	291 days

The custodial credit risk for investments is the risk that, in the event of the failure of the counterparty (e.g., broker-dealer) to a transaction, a government will not be able to recover the value of its investment or collateral securities that are in the possession of another party. The Code and the Watermaster's investment policy contain legal and policy requirements that would limit the exposure to custodial credit risk for investments. With respect to investments, custodial credit risk generally applies only to direct investments in marketable securities. Custodial credit risk does not apply to a local government's indirect investment in securities through the use of mutual funds or government investment pools (such as LAIF).

Mojave Basin Area Watermaster
Notes to the Financial Statements
For the Fiscal Year Ended June 30, 2022 (with comparative data for 2021)

Note 2: Cash and Investments, continued

Interest Rate Risk

Interest rate risk is the risk that changes in market interest rates will adversely affect the fair value of an investment. Generally, the longer the maturity of an investment the greater the sensitivity of its fair value to changes in market interest rates. One of the ways that the Watermaster manages its exposure to interest rate risk is by purchasing a combination of shorter term and longer term investments and by timing cash flows from maturities so that a portion of the portfolio matures or comes close to maturity evenly over time as necessary to provide for cash flow requirements and liquidity needed for operations.

Credit Risk

Credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. LAIF is not rated.

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, 2022 and 2021, the Watermaster did not hold any investments in any one issuer (other than external pools) that represent 5% or more of total Watermaster investments.

Note 3: Net Position

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

	2022	2021
Restricted net position:		
Administrative	\$ (289,388)	\$ (140,047)
Biological resources trust	687,231	665,306
Replacement water	388,838	388,039
Make-up water	5,034	4,711
	<hr/>	<hr/>
Total restricted net position	<u>\$ 791,715</u>	<u>\$ 918,009</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.

Mojave Basin Area Watermaster
Notes to the Financial Statements
For the Fiscal Year Ended June 30, 2022 (with comparative data for 2021)

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, 2022, 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.

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, 2022, 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, 2022, 2021 and 2020. 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, 2022, 2021, and 2020, 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 Controls 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

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California Society of
Certified Public Accountants

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, 2022, 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 13, 2022.

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 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.



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 13, 2022

APPENDIX H

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23

AND PROPOSED FREE PRODUCTION ALLOWANCE

FOR WATER YEAR 2023-24

APPENDIX H

MARCH 22, 2023

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 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	127	117	60%	244	107	55%
ABSHIRE, DAVID V.	24	0	15	60%	15	14	55%
AHN REVOCABLE LIVING TRUST	0	0	0	60%	0	0	55%
AHN REVOCABLE TRUST	28	19	17	60%	36	16	55%
AHN, CHUN SOO AND DAVID	400	260	240	60%	500	220	55%
AMERICA UNITED DEVELOPMENT, LLC	500	325	300	60%	625	275	55%
ANDERSON, ROSS C. AND BETTY J.	34	23	21	60%	44	19	55%
AVILA, ANGEL AND EVALIA	573	373	344	60%	717	316	55%
BAR H MUTUAL WATER COMPANY	53	35	32	60%	67	30	55%
BELL, CHARLES H. TRUST DATED MARCH 7, 2014	494	322	297	60%	619	272	55%
CASA COLINA FOUNDATION	90	59	54	60%	113	50	55%
CENTER WATER COMPANY	40	26	24	60%	50	22	55%
CHUNG, ET AL.	0	0	0	60%	0	0	55%
CLUB VIEW PARTNERS	1,276	830	766	60%	1,596	702	55%
CROSS, SHARON I.	23	15	14	60%	29	13	55%
CROWN CAMBRIA, LLC	90	59	54	60%	113	50	55%
DACOSTA, DEAN EDWARD	56	37	34	60%	71	31	55%
DAHLQUIST, GEORGE R.	524	341	315	60%	656	289	55%
DESERT DAWN MUTUAL WATER COMPANY	15	0	9	60%	9	9	55%
DESERT GIRLZ LLC	299	195	180	60%	375	165	55%
DESERT SPRINGS MUTUAL WATER COMPANY	78	51	47	60%	98	43	55%
DOUGLAS, TINA	50	33	30	60%	63	28	55%
GABRYCH, EUGENE	2,201	1,431	1,321	60%	2,752	1,211	55%
GAETA, MIGUEL AND MARIA	1,500	927	900	60%	1,827	825	55%
GAETA, TRINIDAD	512	333	308	60%	641	282	55%
GARDENA MISSION CHURCH, INC.	0	0	0	60%	0	0	55%
GAYJIKIAN, SAMUEL AND HAZEL	102	67	62	60%	129	57	55%
GOLDEN STATE WATER COMPANY	178	96	107	60%	203	98	55%

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MARCH 22, 2023

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 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	36	33	60%	69	30	55%
GUBLER, HANS	30	20	18	60%	38	17	55%
HARVEY, LISA M.	300	195	180	60%	375	165	55%
HI-GRADE MATERIALS COMPANY	442	288	266	60%	554	244	55%
HITCHIN LUCERNE, INC.	16	11	10	60%	21	9	55%
JONES TRUST DATED MARCH 16, 2002	66	43	40	60%	83	37	55%
JUBILEE MUTUAL WATER COMPANY	142	0	86	60%	86	79	55%
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	2	23	60%	25	21	55%
KIM, JU SANG	30	20	18	60%	38	17	55%
LEE, ANNA K. AND ESHBAN K.	33	22	20	60%	42	19	55%
LEE, DOO HWAN	78	51	47	60%	98	43	55%
LOPEZ, BALTAZAR	385	251	231	60%	482	212	55%
LUA, MICHAEL T. AND DONNA S.	348	227	209	60%	436	192	55%
LUCERNE VALLEY MUTUAL WATER COMPANY	54	36	33	60%	69	30	55%
LUCERNE VALLEY PARTNERS	1,213	789	728	60%	1,517	668	55%
LUCERNE VISTA MUTUAL WATER COMPANY	21	9	13	60%	22	12	55%
M.B. LANDSCAPING AND NURSERY, INC.	1,773	939	1,064	60%	2,003	976	55%
MITSUBISHI CEMENT CORPORATION	1,395	907	837	60%	1,744	768	55%
MONACO INVESTMENT COMPANY	70	46	42	60%	88	39	55%
MOSS, LAWRENCE W. AND HELEN J.	43	28	26	60%	54	24	55%
NORRIS TRUST, MARY ANN	73	48	44	60%	92	41	55%
OASIS WORLD MISSION	0	0	0	60%	0	0	55%
OMYA CALIFORNIA, INC.	23	0	14	60%	14	13	55%
PAK, KAE SOO AND MYONG HUI KANG	247	161	149	60%	310	136	55%
PETTIGREW, DAN	22	15	14	60%	29	13	55%
REED, MIKE	58	38	35	60%	73	32	55%
RHEE, ANDREW N.	70	46	42	60%	88	39	55%
ROBERTSON'S READY MIX	0	0	0	60%	0	0	55%

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MARCH 22, 2023

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
ROYAL WAY	200	130	120	60%	250	110	55%
S AND E 786 ENTERPRISES, LLC	597	389	359	60%	748	329	55%
SABA FAMILY TRUST DATED JULY 24, 2018	1,120	728	672	60%	1,400	616	55%
SAN BERNARDINO COUNTY SERVICE AREA 29	40	0	24	60%	24	22	55%
SON'S RANCH	140	91	84	60%	175	77	55%
SPECIALTY MINERALS, INC.	52	0	32	60%	32	29	55%
SPILLMAN, JAMES R. AND NANCY J.	23	15	14	60%	29	13	55%
WEST END MUTUAL WATER COMPANY	30	20	18	60%	38	17	55%
WILSHIRE ROAD PARTNERS	692	450	416	60%	866	381	55%
TOTAL	19,251	12,035	11,569		23,604	10,614	

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MARCH 22, 2023

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)

OESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 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	396	363	55%	759	330	50%
CHAMISAL MUTUAL WATER COMPANY	96	58	53	55%	111	48	50%
HANDRINOS, NICOLE A.	7	5	4	55%	9	4	50%
HETTINGA REVOCABLE TRUST	1,302	782	717	55%	1,499	651	50%
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 3)	4,680	2,808	2,574	55%	5,382	2,340	50%
TROEGER FAMILY TRUST, RICHARD H.	112	68	62	55%	130	56	50%
TOTAL	6,857	4,117	3,773		7,890	3,429	

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 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	2,820	54.4%	2,820	2,591	50%
ADES, JOHN AND DEVON	37	18	21	54.4%	39	19	50%
AGCON, INC.	384	0	209	54.4%	209	192	50%
AMERICAN STATES WATER COMPANY	1,000	550	544	54.4%	1,094	500	50%
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	26	91	54.4%	117	84	50%
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	0	68	54.4%	68	63	50%
APPLE VALLEY UNIFIED SCHOOL DISTRICT	0	0	0	54.4%	0	0	50%
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	0	20	54.4%	20	18	50%
APPLE VALLEY, TOWN OF	1,082	220	589	54.4%	809	541	50%
BASS TRUST, NEWTON T.	514	279	280	54.4%	559	257	50%
BASTIANON REVOCABLE TRUST	77	42	42	54.4%	84	39	50%
BEINSCHROTH FAMILY TRUST	275	151	150	54.4%	301	138	50%
BEINSCHROTH, ANDY ERIC	250	137	136	54.4%	273	125	50%
BOX, GEARY S. AND LAURA	22	6	12	54.4%	18	11	50%
BROWN, BOBBY G. AND VALERIA R.	42	23	23	54.4%	46	21	50%
BROWN, JENNIFER	41	20	23	54.4%	43	21	50%
BRUNEAU, KAREN	10	4	6	54.4%	10	5	50%
BRYANT, IAN	29	16	16	54.4%	32	15	50%
BUNNELL, DICK	24	12	14	54.4%	26	12	50%
CALMAT COMPANY	25	10	14	54.4%	24	13	50%
CALPORTLAND COMPANY - AGRICULTURE	643	354	350	54.4%	704	322	50%
CALPORTLAND COMPANY - ORO GRANDE PLANT	2,809	445	1,529	54.4%	1,974	1,405	50%
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	0	1,147	54.4%	1,147	1,054	50%
CDFW - MOJAVE RIVER FISH HATCHERY	20	0	11	54.4%	11	10	50%
CEMEX, INC.	1,499	0	816	54.4%	816	750	50%
DLW REVOCABLE TRUST	70	39	39	54.4%	78	35	50%
DOLCH LIVING TRUST ROBERT AND JUDITH	90	50	49	54.4%	99	45	50%
DORA LAND, INC.	15	9	9	54.4%	18	8	50%

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
EAST DESERT LAND COMPANY, LLC (SEE NOTE 4)	0						
EVENSON, EDWIN H. AND JOYCELAINE C.	70	39	39	54.4%	78	35	50%
FEDERAL BUREAU OF PRISONS, VICTORVILLE	686	0	374	54.4%	374	343	50%
FINCH, JENIFER	30	17	17	54.4%	34	15	50%
FISCHER REVOCABLE LIVING TRUST	36	19	20	54.4%	39	18	50%
FISHER TRUST, JEROME R.	633	349	345	54.4%	694	317	50%
FITZWATER, R. E. (SEE NOTE 4)	291						
FRAZIER, ET AL.	50	28	28	54.4%	56	25	50%
GOLDEN STATE WATER COMPANY	940	0	512	54.4%	512	470	50%
GREEN ACRES ESTATES	25	14	14	54.4%	28	13	50%
GULBRANSON, MERLIN	5	3	3	54.4%	6	3	50%
HAAS, BRYAN C. AND HINKLE, MARY H.	9	5	5	54.4%	10	5	50%
HALANNA EQUITIES III	19	7	11	54.4%	18	10	50%
HAMILTON FAMILY TRUST	108	52	59	54.4%	111	54	50%
HELENDALE COMMUNITY SERVICES DISTRICT	4,157	744	2,262	54.4%	3,006	2,079	50%
HELENDALE SCHOOL DISTRICT	18	10	10	54.4%	20	9	50%
HESPERIA - GOLF COURSE, CITY OF	678	0	369	54.4%	369	339	50%
HESPERIA VENTURE I, LLC	0	0	0	54.4%	0	0	50%
HESPERIA WATER DISTRICT	14,531	0	7,905	54.4%	7,905	7,266	50%
HESPERIA, CITY OF	6,736	3,705	3,665	54.4%	7,370	3,368	50%
HI-GRADE MATERIALS COMPANY	149	55	82	54.4%	137	75	50%
HOLWAY JEFFREY R AND PATRICIA GAGE	8	5	5	54.4%	10	4	50%
HOLWAY, JEFFREY R	11	7	6	54.4%	13	6	50%
HOLY HEAVENLY LAKE, LLC	6	4	4	54.4%	8	3	50%
HUNT, CONNIE	66	37	36	54.4%	73	33	50%
JAMBOREE HOUSING CORPORATION	0	0	0	54.4%	0	0	50%
JESS RANCH WATER COMPANY	7,230	3,048	3,934	54.4%	6,982	3,615	50%

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 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	0	13	54.4%	13	12	50%
JOHNSON, RONALD	31	18	17	54.4%	35	16	50%
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	63	70	54.4%	133	64	50%
KANESAKA, KENJI AND YUKARI	0	0	0	54.4%	0	0	50%
KEMPER CAMPBELL RANCH	473	235	258	54.4%	493	237	50%
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	362	358	54.4%	720	329	50%
LANGLEY, JAMES	5	3	3	54.4%	6	3	50%
LANGLEY, JAMES - INDUSTRIAL	0	0	0	54.4%	0	0	50%
LAWSON, ERNEST AND BARBARA	15	8	9	54.4%	17	8	50%
LENHERT, RONALD AND TONI	37	21	21	54.4%	42	19	50%
LHC ALLIGATOR, LLC	498	0	271	54.4%	271	249	50%
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	13,610	0	7,404	54.4%	7,404	6,805	50%
LOW, DEAN	199	110	109	54.4%	219	100	50%
LUCKEY 2010 REVOCABLE TRUST	300	164	164	54.4%	328	150	50%
MARIANA RANCHOS COUNTY WATER DISTRICT	280	0	153	54.4%	153	140	50%
MCKINNEY, PAULA	33	19	18	54.4%	37	17	50%
MLH, LLC	13	4	8	54.4%	12	7	50%
MOJAVE DESERT LAND TRUST	40	22	22	54.4%	44	20	50%
MOJAVE WATER AGENCY	0	0	0	54.4%	0	0	50%
NAVAJO MUTUAL WATER COMPANY	88	49	48	54.4%	97	44	50%
NUÑEZ, LUIS SEGUNDO	0	0	0	54.4%	0	0	50%
NUNN FAMILY TRUST	36	19	20	54.4%	39	18	50%
ORO GRANDE SCHOOL DISTRICT	107	0	59	54.4%	59	54	50%
PAUSTELL, JOAN BEINSCHROTH	152	84	83	54.4%	167	76	50%
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	196	194	54.4%	390	178	50%
POLICH, DONNA	65	36	36	54.4%	72	33	50%
RANCHERITOS MUTUAL WATER COMPANY	169	5	92	54.4%	97	85	50%
RIM PROPERTIES, A GENERAL PARTNERSHIP	9	5	5	54.4%	10	5	50%

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
RUE RANCH, INC.	30	16	17	54.4%	33	15	50%
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTER	0	0	0	54.4%	0	0	50%
SAN BERNARDINO COUNTY SERVICE AREA 42	465	192	253	54.4%	445	233	50%
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	0	2,080	54.4%	2,080	1,911	50%
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	0	553	54.4%	553	508	50%
SCRAY, MICHELLE A. TRUST	15	8	9	54.4%	17	8	50%
SERVICE ROCK PRODUCTS CORPORATION	20	11	11	54.4%	22	10	50%
SHEEP CREEK WATER COMPANY	0	0	0	54.4%	0	0	50%
SILVER LAKES ASSOCIATION	4,987	0	2,713	54.4%	2,713	2,494	50%
SNOWBALL DEVELOPMENT, INC.	0	0	0	54.4%	0	0	50%
SPRING VALLEY LAKE ASSOCIATION	3,768	0	2,050	54.4%	2,050	1,884	50%
SPRING VALLEY LAKE COUNTRY CLUB	977	0	532	54.4%	532	489	50%
STORM, RANDALL	62	35	34	54.4%	69	31	50%
SUDMEIER, GLENN W.	20	10	11	54.4%	21	10	50%
SUMMIT VALLEY RANCH, LLC	57	13	32	54.4%	45	29	50%
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	228	228	54.4%	456	209	50%
THOMPSON LIVING TRUST, R.L. AND R.A.	2	2	2	54.4%	4	1	50%
THRASHER, GARY	373	205	203	54.4%	408	187	50%
THUNDERBIRD COUNTY WATER DISTRICT	126	0	69	54.4%	69	63	50%
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	26	15	15	54.4%	30	13	50%
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	0	131	54.4%	131	120	50%
VICTOR VALLEY MEMORIAL PARK	0	0	0	54.4%	0	0	50%
VICTORVILLE WATER DISTRICT, ID#1	23,020	0	12,523	54.4%	12,523	11,510	50%
VICTORVILLE WATER DISTRICT, ID#2	2,932	0	1,596	54.4%	1,596	1,466	50%
VOGLER, ALBERT H.	62	35	34	54.4%	69	31	50%
WAGNER LIVING TRUST	1,224	674	666	54.4%	1,340	612	50%
WAKULA FAMILY TRUST	11	6	6	54.4%	12	6	50%
WARD, KEN AND BARBARA	65	25	36	54.4%	61	33	50%

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FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
WEST, HOWARD AND SUZY	72	40	40	54.4%	80	36	50%
WEST, JIMMIE E.	10	5	6	54.4%	11	5	50%
WESTERN WATER COMPANY	15	9	9	54.4%	18	8	50%
WESTLAND INDUSTRIES, INC.	54	30	30	54.4%	60	27	50%
WIENER, MELVIN AND MARIAM S.	30	17	17	54.4%	34	15	50%
TOTAL	114,308	13,558	62,074		75,632	57,032	

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 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	19	18	60%	37	16	55%
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	120	0	72	60%	72	66	55%
BAR-LEN MUTUAL WATER COMPANY	48	32	29	60%	61	27	55%
BARSTOW COMMUNITY DEVELOPERS, LLC	0	0	0	60%	0	0	55%
BEST, BYRON L.	21	14	13	60%	27	12	55%
BROMMER HOUSE TRUST	361	170	217	60%	387	199	55%
CALMAT COMPANY	0	0	0	60%	0	0	55%
CHAFAR, LARRY R. AND DELINDA C.	46	30	28	60%	58	26	55%
CHOI, YONG IL AND JOUNG AE	38	25	23	60%	48	21	55%
CHONG, JOAN	10	7	6	60%	13	6	55%
CHRISTISON, JOEL	75	49	45	60%	94	42	55%
CONTRATTO, ERSULA	151	98	91	60%	189	84	55%
DARR, JAMES S.	408	266	245	60%	511	225	55%
DE VRIES, NEIL AND MARY FAMILY TRUST	0	0	0	60%	0	0	55%
DORRANCE, DAVID W. AND TAMELA L.	19	0	12	60%	12	11	55%
EYGNOR, ROBERT E.	50	33	30	60%	63	28	55%
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE	30	20	18	60%	38	17	55%
FOURFREE USA, INC.	42	28	26	60%	54	24	55%
FRATES, D. COLE	13	0	8	60%	8	8	55%
FRIEND, JOSEPH AND DEBORAH	60	39	36	60%	75	33	55%
GABRYCH, EUGENE	132	82	80	60%	162	73	55%
GOLDEN STATE WATER COMPANY	14,407	9,365	8,645	60%	18,010	7,924	55%
GRILL, NICHOLAS P. AND MILLIE D.	0	0	0	60%	0	0	55%
GUTIERREZ, JOSE AND GLORIA	130	85	78	60%	163	72	55%
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	0	92	60%	92	84	55%
HARMSSEN FAMILY TRUST	722	470	434	60%	904	398	55%
HASKINS, JAMES J.	30	20	18	60%	38	17	55%
HELENDALE COMMUNITY SERVICES DISTRICT	238	41	143	60%	184	131	55%

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 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	18	17	60%	35	15	55%
HI DESERT MUTUAL WATER COMPANY	34	23	21	60%	44	19	55%
HIGH DESERT ASSOCIATES, INC.	513	334	308	60%	642	283	55%
HI-GRADE MATERIALS COMPANY	0	0	0	60%	0	0	55%
HILL FAMILY TRUST AND HILL'S RANCH, INC.	2,335	1,518	1,401	60%	2,919	1,285	55%
HOWARD, ET AL.	43	28	26	60%	54	24	55%
HUERTA, HECTOR	656	427	394	60%	821	361	55%
JONES, JOETTE	22	15	14	60%	29	13	55%
JORDAN FAMILY TRUST	460	295	276	60%	571	253	55%
KASNER FAMILY LIMITED PARTNERSHIP	421	0	253	60%	253	232	55%
KIM, JIN S. AND HYUN H.	190	124	114	60%	238	105	55%
LEE, ET AL., SEPOONG AND WOO POONG	77	51	47	60%	98	43	55%
LEYERLY, GENEVA (SEE NOTE 4)	65						
LOCKHART LAND HOLDING, LLC (FORMERLY: HARPER LAKE COMPANY VIII)	1,433	932	860	60%	1,792	789	55%
MCCOLLUM, CHARLES L.	115	75	69	60%	144	64	55%
MEAD FAMILY TRUST	115	75	69	60%	144	64	55%
MOJAVE SOLAR, LLC	5,239	3,406	3,144	60%	6,550	2,882	55%
MOST FAMILY TRUST	56	37	34	60%	71	31	55%
ODESSA WATER DISTRICT	299	195	180	60%	375	165	55%
OHAI, REYNOLDS AND DOROTHY	137	90	83	60%	173	76	55%
OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K. (FORMERLY: VAN DAM REVOCABLE TRUST, E AND S)	722	470	434	60%	904	398	55%
OSTERKAMP, GEROLD (SEE NOTE 4)	260						
PACIFIC GAS AND ELECTRIC COMPANY	6,580	4,277	3,948	60%	8,225	3,619	55%
RIOS, MARIANO V.	8	6	5	60%	11	5	55%
RIVERO, FIDEL V.	20	13	12	60%	25	11	55%
RUISCH TRUST, DALE W. AND NELLIE H.	650	43	390	60%	433	358	55%

APPENDIX H

MARCH 22, 2023

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)

CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 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						
SERVICE ROCK PRODUCTS CORPORATION	766	498	460	60%	958	422	55%
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	151	140	60%	291	128	55%
SOPPELAND REVOCABLE TRUST	0	0	0	60%	0	0	55%
SYNAGRO-WWT, INC. (DBA NURSURY PRODUCTS, LLC)	0	0	0	60%	0	0	55%
TALLAKSON FAMILY REVOCABLE TRUST	17	12	11	60%	23	10	55%
VAN LEEUWEN TRUST, JOHN A. AND LETIE	1,465	953	879	60%	1,832	806	55%
VERNOLA TRUST, PAT AND MARY ANN	3,116	2,026	1,870	60%	3,896	1,714	55%
VICTORVILLE WATER DISTRICT, ID#1	5,164	2,839	3,099	60%	5,938	2,841	55%
WERNER, ANDREW J.	18	0	11	60%	11	10	55%
WESTERN DEVELOPMENT AND STORAGE, LLC	6	0	4	60%	4	4	55%
WITHEY, CONNIE	22	15	14	60%	29	13	55%
TOTAL	49,477	29,839	28,994		58,833	26,587	

APPENDIX H

MARCH 22, 2023

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 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	12	11	20.5%	23	11	20.5%
AKE, CHARLES J. AND MARJORIE M.	23	6	5	20.5%	11	5	20.5%
ARCHIBEK, ERIC	0	0	0	20.5%	0	0	20.5%
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	80	0	17	20.5%	17	17	20.5%
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	7	6	20.5%	13	6	20.5%
BARBER, JAMES B.	167	38	35	20.5%	73	35	20.5%
BARON, SUSAN AND PALMER, CURTIS	26	6	6	20.5%	12	6	20.5%
BORJA, LEONIL T. AND TITAL L.	20	5	5	20.5%	10	5	20.5%
BREDELIS, RONALD C. AND JEAN	64	5	14	20.5%	19	14	20.5%
BUBIER, DIANE GAIL	54	0	12	20.5%	12	12	20.5%
BUDGET FINANCE COMPANY	32	8	7	20.5%	15	7	20.5%
BUSH, KEVIN	0	0	0	20.5%	0	0	20.5%
CALICO LAKES HOMEOWNERS ASSOCIATION	1,296	275	266	20.5%	541	266	20.5%
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	16	15	20.5%	31	15	20.5%
CALMAT COMPANY	0	0	0	20.5%	0	0	20.5%
CAMANGA, TONY AND MARIETTA	47	11	10	20.5%	21	10	20.5%
CAMPBELL, M. A. AND DIANNE	22	5	5	20.5%	10	5	20.5%
CARLTON, SUSAN	155	35	32	20.5%	67	32	20.5%
CDFW - CAMP CADY	921	127	189	20.5%	316	189	20.5%
CHEYENNE LAKE, INC.	665	88	137	20.5%	225	137	20.5%
CLARK, ARTHUR	50	12	11	20.5%	23	11	20.5%
CLARK, GARY AND BETH A.	0	0	0	20.5%	0	0	20.5%
CONNER, WILLIAM H.	25	6	6	20.5%	12	6	20.5%
CORBRIDGE, LINDA S.	32	8	7	20.5%	15	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%

APPENDIX H

MARCH 22, 2023

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
DAGGETT LAND HOLDINGS LLC	0	134	0	20.5%	134	0	20.5%
DAGGETT RANCH, LLC	76	0	16	20.5%	16	16	20.5%
DAGGETT SOLAR POWER 3 LLC	179	41	37	20.5%	78	37	20.5%
DE JONG FAMILY TRUST	3,131	383	642	20.5%	1,025	642	20.5%
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	7	6	20.5%	13	6	20.5%
DONALDSON, JERRY AND BEVERLY	90	21	19	20.5%	40	19	20.5%
DOWELL, LEONARD	23	6	5	20.5%	11	5	20.5%
EVERT FAMILY TRUST	173	39	36	20.5%	75	36	20.5%
FEJFAR, MONICA KAY	20	5	5	20.5%	10	5	20.5%
FERNANDEZ, ARTURO	76	18	16	20.5%	34	16	20.5%
FERRO, DENNIS AND NORMA	32	8	7	20.5%	15	7	20.5%
FIRST CPA LLC	57	13	12	20.5%	25	12	20.5%
FOOTHILL ESTATES MHP, LLC	54	1	12	20.5%	13	12	20.5%
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	93	88	20.5%	181	88	20.5%
GABRYCH, EUGENE	1,637	0	336	20.5%	336	336	20.5%
GARCIA, DANIEL	23	6	5	20.5%	11	5	20.5%
GARG, OM P.	483	109	100	20.5%	209	100	20.5%
GENON CALIFORNIA SOUTH, LP	0	290	0	20.5%	290	0	20.5%
GRAY, GEORGE F. AND BETTY E.	94	22	20	20.5%	42	20	20.5%
HACKBARTH, EDWARD E.	1,553	4	319	20.5%	323	319	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	1,071	1,053	20.5%	2,124	1,053	20.5%
HASS, PAULINE L.	35	7	8	20.5%	15	8	20.5%
HENDLEY, RICK AND BARBARA	48	8	10	20.5%	18	10	20.5%
HIETT, HARRY L.	29	7	6	20.5%	13	6	20.5%
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	68	63	20.5%	131	63	20.5%
HO, TING-SENG AND AH-GIT	300	68	62	20.5%	130	62	20.5%

APPENDIX H

MARCH 22, 2023

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
HOLLISTER, ROBERT H. AND RUTH M.	44	10	10	20.5%	20	10	20.5%
HONG, PAUL B. AND MAY	85	20	18	20.5%	38	18	20.5%
HOOD FAMILY TRUST	41	10	9	20.5%	19	9	20.5%
HORTON FAMILY TRUST	441	0	91	20.5%	91	91	20.5%
HU, MINSHENG (FORMERLY: SAMPLES, BERNARD D. AND JANCE E.)	43	10	9	20.5%	19	9	20.5%
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	7	6	20.5%	13	6	20.5%
HUNT, RALPH M. AND LILLIAN F.	51	12	11	20.5%	23	11	20.5%
HYATT, JAMES AND BRENDA	210	40	44	20.5%	84	44	20.5%
IM, NICHOLAS NAK-KYUN	397	90	82	20.5%	172	82	20.5%
IRVIN, BERTRAND W.	29	7	6	20.5%	13	6	20.5%
ITALMOOD INC., ET AL.	190	43	39	20.5%	82	39	20.5%
JACKS, JAMES F.	10	3	3	20.5%	6	3	20.5%
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	13	12	20.5%	25	12	20.5%
JACKSON, RAY REVOCABLE TRUST NO. 45801	1	1	1	20.5%	2	1	20.5%
KARIMI, HOOSHANG	70	16	15	20.5%	31	15	20.5%
KASNER FAMILY LIMITED PARTNERSHIP	843	24	173	20.5%	197	173	20.5%
KASNER, ROBERT	5,613	1,263	1,151	20.5%	2,414	1,151	20.5%
KATCHER, AUGUST M. AND MARCELINE	23	6	5	20.5%	11	5	20.5%
KEMP, ROBERT AND ROSE	32	8	7	20.5%	15	7	20.5%
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	172	157	20.5%	329	157	20.5%
KIM, SEON JA	50	12	11	20.5%	23	11	20.5%
KOERING, RICHARD AND KOERING, DONNA	20	5	5	20.5%	10	5	20.5%
KOSHAREK, JOHN AND JOANN	54	13	12	20.5%	25	12	20.5%
LAKE JODIE PROPERTY OWNERS ASSOCIATION	454	0	94	20.5%	94	94	20.5%
LAKE WAIKIKI	98	23	21	20.5%	44	21	20.5%
LAKE WAINANI OWNERS ASSOCIATION	1,725	417	354	20.5%	771	354	20.5%
LAM, PHILLIP	105	24	22	20.5%	46	22	20.5%

APPENDIX H

MARCH 22, 2023

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
LANGLEY REVOCABLE TRUST AND SHARON LANAGLEY	20	4	5	20.5%	9	5	20.5%
LAVANH, ET AL.	24	6	5	20.5%	11	5	20.5%
LAWRENCE, WILLIAM W.	45	11	10	20.5%	21	10	20.5%
LEE, VIN JANG T.	630	142	130	20.5%	272	130	20.5%
LEM, HOY	32	8	7	20.5%	15	7	20.5%
LIANG, YUAN - I AND TZU - MEI CHEN	200	45	41	20.5%	86	41	20.5%
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	453	102	93	20.5%	195	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	10	9	20.5%	19	9	20.5%
MAHJOUBI, AFSAR S.	63	15	13	20.5%	28	13	20.5%
MANNING, SHARON S.	63	11	13	20.5%	24	13	20.5%
MARCROFT, JAMES A. AND JOAN	38	5	8	20.5%	13	8	20.5%
MARSHALL, CHARLES	20	5	5	20.5%	10	5	20.5%
MARTIN, MICHAEL D. AND ARLENE D.	63	15	13	20.5%	28	13	20.5%
MILBRAT, IRVING H.	73	4	15	20.5%	19	15	20.5%
MILLER LIVING TRUST	18	5	4	20.5%	9	4	20.5%
MIZRAHIE, ET AL.	145	33	30	20.5%	63	30	20.5%
MOJAVE WATER AGENCY	7,194	1,019	1,475	20.5%	2,494	1,475	20.5%
MORRIS TRUST, JULIA V.	304	68	63	20.5%	131	63	20.5%
MULLIGAN, ROBERT AND INEZ	35	8	8	20.5%	16	8	20.5%
MURPHY, JEAN	24	6	5	20.5%	11	5	20.5%
MUSIC, ZAJO	15	0	4	20.5%	4	4	20.5%
NEW SPRINGS LIMITED PARTNERSHIP	2,329	525	478	20.5%	1,003	478	20.5%
NEWBERRY COMMUNITY SERVICES DISTRICT	23	4	5	20.5%	9	5	20.5%
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	1	4	1	20.5%	5	1	20.5%
NSSLIC, INC.	109	25	23	20.5%	48	23	20.5%
O. F. D. L., INC.	443	84	91	20.5%	175	91	20.5%

APPENDIX H

MARCH 22, 2023

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	151	137	20.5%	288	137	20.5%
PATINO, JOSÉ	22	5	5	20.5%	10	5	20.5%
PEARCE, CRAIG L.	150	34	31	20.5%	65	31	20.5%
PERKO, BERT K.	132	30	28	20.5%	58	28	20.5%
POLAND, JOHN R. AND KATHLEEN A.	92	21	19	20.5%	40	19	20.5%
PORTER, TIMOTHY M.	30	7	7	20.5%	14	7	20.5%
PRECISION INVESTMENTS SERVICES, LLC	845	191	174	20.5%	365	174	20.5%
PRICE, DONALD AND RUTH	42	10	9	20.5%	19	9	20.5%
PRUETT, ANDREA	36	9	8	20.5%	17	8	20.5%
QUAKENBUSH, SAMUEL R.	19	5	4	20.5%	9	4	20.5%
QUIROS, FRANCISCO J. AND HERRMANN, RONALD	38	9	8	20.5%	17	8	20.5%
RICE, HENRY C. AND DIANA	24	6	5	20.5%	11	5	20.5%
RIZVI, S.R ALI	27	7	6	20.5%	13	6	20.5%
ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI	614	114	126	20.5%	240	126	20.5%
S AND B BROTHERS, LLC	221	0	46	20.5%	46	46	20.5%
SAGABEAN-BARKER, KANOELOKELANI L.	34	0	7	20.5%	7	7	20.5%
SAMRA, JAGTAR S.	30	7	7	20.5%	14	7	20.5%
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	168	38	35	20.5%	73	35	20.5%
SERVICE ROCK PRODUCTS CORPORATION	0	0	0	20.5%	0	0	20.5%
SHENG, JEN	33	8	7	20.5%	15	7	20.5%
SHEPPARD, THOMAS AND GLORIA	217	49	45	20.5%	94	45	20.5%
SHORT, JEROME E.	30	7	7	20.5%	14	7	20.5%
SINGH, ET AL.	31	1	7	20.5%	8	7	20.5%
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	0	0	0	20.5%	0	0	20.5%
SMITH, PORTER AND ANITA	25	6	6	20.5%	12	6	20.5%
SOUTHERN CALIFORNIA EDISON COMPANY	600	135	123	20.5%	258	123	20.5%
SOUTHERN CALIFORNIA GAS COMPANY	98	13	21	20.5%	34	21	20.5%
SPERRY, WESLEY	4	1	1	20.5%	2	1	20.5%

APPENDIX H

MARCH 22, 2023

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2022-23
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2022-23 FREE PRODUCTION ALLOWANCE ¹				2023-24 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
ST. ANTONY COPTIC ORTHODOX MONASTERY	130	0	27	20.5%	27	27	20.5%
STARKE, GEORGE A. AND JAYNE E.	23	6	5	20.5%	11	5	20.5%
SUNDOWN LAKES, INC.	523	78	108	20.5%	186	108	20.5%
SUNRAY LAND COMPANY, LLC	63	15	13	20.5%	28	13	20.5%
SZYNKOWSKI, RUTH J.	29	7	6	20.5%	13	6	20.5%
TAPIE, RAYMOND L.	18	5	4	20.5%	9	4	20.5%
TEISAN, JERRY	96	22	20	20.5%	42	20	20.5%
THAYER, SHARON	97	16	20	20.5%	36	20	20.5%
THOMAS, STEPHEN AND LORI	49	12	11	20.5%	23	11	20.5%
TRIPLE H PARTNERSHIP	218	11	45	20.5%	56	45	20.5%
TURNER, TERRY	30	7	7	20.5%	14	7	20.5%
UNION PACIFIC RAILROAD COMPANY	249	28	52	20.5%	80	52	20.5%
VACA, ANDY AND TERESITA S.	20	5	5	20.5%	10	5	20.5%
VAN BASTELAAR, ALPHONSE	78	0	16	20.5%	16	16	20.5%
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	8,128	841	1,667	20.5%	2,508	1,667	20.5%
VAN LEEUWEN TRUST, JOHN A. AND LETIE	2,018	351	414	20.5%	765	414	20.5%
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,613	363	331	20.5%	694	331	20.5%
WANG, STEVEN	10	3	3	20.5%	6	3	20.5%
WARD, RAYMOND	105	8	22	20.5%	30	22	20.5%
WEEMS, LIZZIE	53	12	11	20.5%	23	11	20.5%
WEERAISINGHE, MAITHRI N.	15	4	4	20.5%	8	4	20.5%
WESTERN HORIZON ASSOCIATES, INC.	1,363	0	280	20.5%	280	280	20.5%
WET SET, INC.	547	118	113	20.5%	231	113	20.5%
WITTE, E. DANIEL AND MARCIA	27	7	6	20.5%	13	6	20.5%
WLSR, INC.	471	102	97	20.5%	199	97	20.5%
WORSEY, JOSEPH A. AND REVAE	29	7	6	20.5%	13	6	20.5%
YANG, ZILAN	26	0	6	20.5%	6	6	20.5%
TOTAL	63,929	10,422	13,186		23,608	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% 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 2020-21

RECONCILED FOR CARRYOVER TRANSFERS IN LIEU OF

PAYMENT OF REPLACEMENT AND MAKEUP WATER ASSESSMENTS

AND ALL OTHER ERRATA

APPENDIX I

MARCH 22, 2023

**AMENDED APPENDIX B FOR WATER YEAR 2020-21
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	2020-21 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2022 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2020-21 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2019-20	2020-21							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
ABDUL, HARRY AND ANITA	194	136	146	0	0	282	115	136	0	115	0.00	0.00	0.00	0.00	
ABSHIRE, DAVID V.	24	17	2	0	0	19	18	1	0	18	0.00	0.00	0.00	0.00	
AHN REVOCABLE LIVING TRUST	0	0	0	0	63	63	63	0	0	0	0.00	0.00	0.00	0.00	
AHN REVOCABLE TRUST	28	20	21	0	0	41	15	20	0	15	0.00	0.00	0.00	0.00	
AHN, CHUN SOO AND DAVID	400	280	300	(135)	(130)	315	0	150	0	0	0.00	0.00	0.00	0.00	
AMERICA UNITED DEVELOPMENT, LLC	500	350	375	0	0	725	5	350	0	5	0.00	0.00	0.00	0.00	
ANDERSON, ROSS C. AND BETTY J.	34	24	26	0	0	50	0	24	0	0	0.00	0.00	0.00	0.00	
AVILA, ANGEL AND EVALIA	573	402	430	0	0	832	237	402	0	237	0.00	0.00	0.00	0.00	
BAR H MUTUAL WATER COMPANY	53	38	40	0	0	78	28	38	0	28	0.00	0.00	0.00	0.00	
BELL, CHARLES H. TRUST DATED MARCH 7, 2014	494	346	371	0	(48)	669	318	298	0	318	0.00	0.00	0.00	0.00	
BRACHT, WILLIAM F. AND ALEXANDER, ALICIA M.	0	0	24	(24)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
CASA COLINA FOUNDATION	90	63	68	0	0	131	52	63	0	52	0.00	0.00	0.00	0.00	
CENTER WATER COMPANY	40	28	30	0	0	58	15	28	0	15	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	894	957	(22)	(33)	1,796	0	861	0	0	0.00	0.00	0.00	0.00	
CROSS, SHARON I.	23	17	18	0	0	35	1	17	0	1	0.00	0.00	0.00	0.00	
CROWN CAMBRIA, LLC	90	63	64	0	0	127	1	63	0	1	0.00	0.00	0.00	0.00	
DACOSTA, DEAN EDWARD	56	40	42	0	0	82	1	40	0	1	0.00	0.00	0.00	0.00	
DAHLQUIST, GEORGE R.	524	367	393	0	0	760	0	367	0	0	0.00	0.00	0.00	0.00	
DESERT DAWN MUTUAL WATER COMPANY	15	11	0	0	0	11	12	0	1	11	0.00	563.00	0.00	563.00	
DESERT GIRLZ LLC	23	17	0	19	0	36	21	15	0	21	0.00	0.00	0.00	0.00	
(FORMERLY: JONES TRUST DATED MARCH 16, 2002)															
DESERT SPRINGS MUTUAL WATER COMPANY	78	55	59	0	0	114	42	55	0	42	0.00	0.00	0.00	0.00	
DOUGLAS, TINA	50	35	0	24	0	59	1	35	0	1	0.00	0.00	0.00	0.00	
(FORMERLY: BRACHT, WILLIAM F. AND ALEXANDER, ALICIA M.)															
GABRYCH, EUGENE	2,201	1,541	1,651	0	0	3,192	0	1,541	0	0	0.00	0.00	0.00	0.00	
GAETA, MIGUEL AND MARIA	1,500	1,050	1,125	0	0	2,175	1	1,050	0	1	0.00	0.00	0.00	0.00	
GAETA, TRINIDAD	512	359	384	0	0	743	284	359	0	284	0.00	0.00	0.00	0.00	
(SEE NOTE 15)															
GARDENA MISSION CHURCH, INC.	0	0	0	0	1	1	1	0	0	0	0.00	0.00	0.00	0.00	
GAYJIKIAN, SAMUEL AND HAZEL	102	72	77	0	0	149	1	72	0	1	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	178	125	126	0	0	251	137	114	0	137	0.00	0.00	0.00	0.00	
GORDON ACRES WATER COMPANY	54	38	41	0	0	79	30	38	0	30	0.00	0.00	0.00	0.00	
GUBLER, HANS	30	21	23	0	0	44	10	21	0	10	0.00	0.00	0.00	0.00	
HARVEY, LISA M.	300	210	225	0	0	435	4	210	0	4	0.00	0.00	0.00	0.00	
HERT, SCOTT	276	194	207	0	0	401	175	194	0	175	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	442	310	332	0	0	642	160	310	0	160	0.00	0.00	0.00	0.00	
HITCHIN LUCERNE, INC.	16	12	12	0	0	24	13	11	0	13	0.00	0.00	0.00	0.00	
JONES TRUST DATED MARCH 16, 2002	66	47	67	(19)	0	95	0	47	0	0	0.00	0.00	0.00	0.00	

**AMENDED APPENDIX B FOR WATER YEAR 2020-21
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AND ALL OTHER ERRATA**

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ESTE SUBAREA

PRODUCER	2020-21 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2022 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2020-21 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2019-20 CARRYOVER ³	2020-21 FPA ⁴							WATER	WATER		
												\$563.00/AF	N/A		
JUBILEE MUTUAL WATER COMPANY	142	100	40	0	0	140	125	15	0	125	0.00	0.00	0.00	0.00	
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	26	0	0	48	74	74	0	0	26	0.00	0.00	0.00	0.00	
KIM, JU SANG	30	21	23	0	0	44	1	21	0	1	0.00	0.00	0.00	0.00	
LEE, ANNA K. AND ESHBAN K.	33	24	25	0	0	49	0	24	0	0	0.00	0.00	0.00	0.00	
LEE, DOO HWAN	78	55	59	0	0	114	0	55	0	0	0.00	0.00	0.00	0.00	
LOPEZ, BALTAZAR	385	270	289	0	0	559	1	270	0	1	0.00	0.00	0.00	0.00	
LUA, MICHAEL T. AND DONNA S.	348	244	261	0	0	505	0	244	0	0	0.00	0.00	0.00	0.00	
LUCERNE VALLEY MUTUAL WATER COMPANY	54	38	41	0	0	79	26	38	0	26	0.00	0.00	0.00	0.00	
LUCERNE VALLEY PARTNERS	1,213	850	910	0	0	1,760	0	850	0	0	0.00	0.00	0.00	0.00	
LUCERNE VISTA MUTUAL WATER COMPANY	21	15	15	0	0	30	16	14	0	16	0.00	0.00	0.00	0.00	
M.B. LANDSCAPING AND NURSERY, INC.	1,773	1,242	1,330	0	0	2,572	1,327	1,242	0	1,327	0.00	0.00	0.00	0.00	
MITSUBISHI CEMENT CORPORATION	1,395	977	1,047	(239)	(181)	1,604	344	796	0	344	0.00	0.00	0.00	0.00	
MONACO INVESTMENT COMPANY	70	49	53	0	0	102	0	49	0	0	0.00	0.00	0.00	0.00	
MOSS, LAWRENCE W. AND HELEN J.	43	31	33	0	0	64	28	31	0	28	0.00	0.00	0.00	0.00	
NORRIS TRUST, MARY ANN	73	52	55	0	0	107	1	52	0	1	0.00	0.00	0.00	0.00	
OASIS WORLD MISSION	0	0	0	0	66	66	66	0	0	0	0.00	0.00	0.00	0.00	
OMYA CALIFORNIA, INC.	23	17	0	0	26	43	43	0	0	17	0.00	0.00	0.00	0.00	
PAK, KAE SOO AND MYONG HUI KANG	247	173	186	(38)	(38)	283	27	135	0	27	0.00	0.00	0.00	0.00	
PETTIGREW, DAN	22	16	17	0	0	33	0	16	0	0	0.00	0.00	0.00	0.00	
REED, MIKE	58	41	44	0	0	85	1	41	0	1	0.00	0.00	0.00	0.00	
RHEE, ANDREW N.	70	49	53	0	0	102	14	49	0	14	0.00	0.00	0.00	0.00	
ROBERTSON'S READY MIX	0	0	0	0	152	152	152	0	0	0	0.00	0.00	0.00	0.00	
ROYAL WAY	200	140	150	0	0	290	61	140	0	61	0.00	0.00	0.00	0.00	
S AND E 786 ENTERPRISES, LLC	597	418	448	0	0	866	0	418	0	0	0.00	0.00	0.00	0.00	
SABA FAMILY TRUST DATED JULY 24, 2018	1,120	784	840	0	0	1,624	0	784	0	0	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 29	40	28	0	0	33	61	61	0	0	28	0.00	0.00	0.00	0.00	
SON'S RANCH	140	98	105	0	0	203	69	98	0	69	0.00	0.00	0.00	0.00	
SPECIALTY MINERALS, INC.	52	37	0	8	3	48	48	0	0	45	0.00	0.00	0.00	0.00	
SPILLMAN, JAMES R. AND NANCY J.	23	17	18	0	0	35	5	17	0	5	0.00	0.00	0.00	0.00	
WEST END MUTUAL WATER COMPANY	30	21	22	(8)	0	35	15	20	0	15	0.00	0.00	0.00	0.00	
WILSHIRE ROAD PARTNERS	692	485	519	0	0	1,004	0	485	0	0	0.00	0.00	0.00	0.00	
TOTAL	19,251	13,500	14,219	(434)	0	27,285	4,304	12,834	1	3,873	0.00	563.00	0.00	563.00	

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2020-21 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$563.00/AF	MAKEUP WATER N/A	TOTAL
				2019-20 CARRYOVER ³	2020-21 FPA ⁴									
AEROCHEM, INC.	660	429	495	0	0	924	5	429	0	5	0.00	0.00	0.00	0.00
CHAMISAL MUTUAL WATER COMPANY	96	63	72	0	0	135	33	63	0	33	0.00	0.00	0.00	0.00
HANDRINOS, NICOLE A.	7	5	6	0	0	11	1	5	0	1	0.00	0.00	0.00	0.00
HETTINGA REVOCABLE TRUST (SEE NOTE 15)	1,302	847	583	0	0	1,430	596	830	0	596	0.00	0.00	0.00	0.00
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 10)	4,680	3,042	3,510	0	0	6,552	2,920	3,042	0	2,920	0.00	0.00	0.00	0.00
TROEGER FAMILY TRUST, RICHARD H.	112	73	84	0	0	157	5	73	0	5	0.00	0.00	0.00	0.00
TOTAL	6,857	4,459	4,750	0	0	9,209	3,560	4,442	0	3,560	0.00	0.00	0.00	0.00

APPENDIX I

MARCH 22, 2023

**AMENDED APPENDIX B FOR WATER YEAR 2020-21
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				2019-20 CARRYOVER ³	2020-21 FPA ⁴										

ADELANTO, CITY OF	5,182	2,851	0	0	1,300	4,151	4,151	0	0	2,851	0.00	0.00	0.00	0.00
ADES, JOHN AND DEVON	37	25	24	(24)	(22)	3	3	0	0	3	0.00	0.00	0.00	0.00
AGCON, INC.	384	212	0	0	22	234	234	0	0	212	0.00	0.00	0.00	0.00
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	37	(13)	0	116	97	19	0	97	0.00	0.00	0.00	0.00
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	69	0	13	28	110	110	0	0	82	0.00	0.00	0.00	0.00
APPLE VALLEY UNIFIED SCHOOL DISTRICT	0	0	0	0	0	0	39	0	39	0	0.00	21,957.00	0.00	21,957.00
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	20	0	0	6	26	26	0	0	20	0.00	0.00	0.00	0.00
APPLE VALLEY, TOWN OF	1,082	596	596	(596)	0	596	508	88	0	508	0.00	0.00	0.00	0.00
AQUA CAPITAL MANAGEMENT LP-INDUSTRIAL	0	0	0	0	0	0	0		0			0.00		
BASS TRUST, NEWTON T.	514	335	382	(382)	(330)	5	5	0	0	5	0.00	0.00	0.00	0.00
BASTIANON REVOCABLE TRUST	77	51	57	(57)	(50)	1	1	0	0	1	0.05	0.00	28.15	28.15
BEINSCHROTH FAMILY TRUST	275	179	204	(204)	(177)	2	2	0	0	2	0.00	0.00	0.00	0.00
BEINSCHROTH, ANDY ERIC	250	163	187	(187)	(162)	1	1	0	0	1	0.05	0.00	28.15	28.15
BOX, GEARY S. AND LAURA	22	15	11	(11)	0	15	5	10	0	5	0.00	0.00	0.00	0.00
BROWN, BOBBY G. AND VALERIA R.	42	28	31	(31)	(27)	1	1	0	0	1	0.05	0.00	28.15	28.15
BROWN, JENNIFER	41	27	26	(26)	(23)	4	4	0	0	4	0.00	0.00	0.00	0.00
BRUNEAU, KAREN	10	7	8	(8)	(5)	2	2	0	0	2	0.11	0.00	61.93	61.93
BRYANT, IAN	29	19	22	(22)	(19)	0	0	0	0	0	0.00	0.00	0.00	0.00
BUNNELL, DICK	24	16	16	(16)	(14)	2	2	0	0	2	0.11	0.00	61.93	61.93
CALMAT COMPANY	25	14	10	(10)	0	14	4	10	0	4	0.00	0.00	0.00	0.00
CALPORTLAND COMPANY - AGRICULTURE	643	418	483	(483)	0	418	0	418	0	0	0.00	0.00	0.00	0.00
CALPORTLAND COMPANY - ORO GRANDE PLANT	2,809	1,545	584	(584)	0	1,545	935	610	0	935	0.00	0.00	0.00	0.00
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	1,159	0	0	653	1,812	1,940	0	128	1,159	0.02	72,064.00	11.26	72,075.26
CDFW - MOJAVE RIVER FISH HATCHERY (SEE NOTE 11)	20	13	0	0	0	13	20	0	0	0	0.00	0.00	0.00	0.00
CEMEX, INC.	1,499	825	0	0	0	825	1,233	0	408	825	0.00	229,704.00	0.00	229,704.00
DLW REVOCABLE TRUST	70	46	53	(53)	(46)	0	0	0	0	0	0.00	0.00	0.00	0.00
DOLCH LIVING TRUST ROBERT AND JUDITH	90	59	67	(67)	(59)	0	0	0	0	0	0.00	0.00	0.00	0.00
DORA LAND, INC.	15	10	12	(12)	(10)	0	0	0	0	0	0.00	0.00	0.00	0.00
EAST DESERT LAND COMPANY, LLC (SEE NOTE 12)	0						1,415							
EVENSON, EDWIN H. AND JOYCELAINE C.	70	46	53	0	0	99	1	46	0	1	0.05	0.00	28.15	28.15
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	20	23	(23)	(20)	0	0	0	0	0	0.00	0.00	0.00	0.00
FISCHER REVOCABLE LIVING TRUST	36	24	26	(26)	(23)	1	1	0	0	1	0.05	0.00	28.15	28.15
FISHER TRUST, JEROME R.	633	412	475	(475)	(412)	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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				2019-20	2020-21							WATER	WATER	
				CARRYOVER ³	FPA ⁴									
FRAZIER, ET AL.	50	33	38	(38)	(33)	0	0	0	0	0	0.00	0.00	0.00	0.00
GOLDEN STATE WATER COMPANY	940	517	0	0	456	973	973	0	0	517	0.00	0.00	0.00	0.00
GREEN ACRES ESTATES	25	14	14	0	0	28	8	14	0	8	0.44	0.00	247.72	247.72
GULBRANSON, MERLIN	5	4	4	0	0	8	0	4	0	0	0.00	0.00	0.00	0.00
HAAS, BRYAN C. AND HINKLE, MARY H.	9	6	7	(7)	(6)	0	0	0	0	0	0.00	0.00	0.00	0.00
HALANNA EQUITIES III	19	13	6	(6)	2	15	15	0	0	13	0.00	0.00	0.00	0.00
HAMILTON FAMILY TRUST	108	71	65	(65)	(50)	21	21	0	0	21	1.15	0.00	647.45	647.45
HELENDALE COMMUNITY SERVICES DISTRICT	4,157	2,287	650	(650)	(595)	1,692	1,692	0	0	1,692	0.00	0.00	0.00	0.00
HELENDALE SCHOOL DISTRICT	18	10	10	0	0	20	1	10	0	1	0.05	0.00	28.15	28.15
HESPERIA - GOLF COURSE, CITY OF	678	373	0	0	252	625	625	0	0	373	0.00	0.00	0.00	0.00
HESPERIA VENTURE I, LLC	0	0	0	0	0	0	1	0	1	0	0.00	563.00	0.00	563.00
HESPERIA WATER DISTRICT	14,171	7,795	0	141	3,976	11,912	14,942	0	3,030	8,210	0.00	1,705,890.00	0.00	1,705,890.00
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	60	(60)	(22)	60	28	32	0	28	0.03	0.00	16.89	16.89
HOLWAY JEFFREY R AND PATRICIA GAGE	8	6	6	(6)	0	6	0	6	0	0	0.00	0.00	0.00	0.00
HOLWAY, JEFFREY R	11	8	9	(9)	0	8	0	8	0	0	0.00	0.00	0.00	0.00
HOLY HEAVENLY LAKE, LLC	6	4	5	(5)	0	4	0	4	0	0	0.00	0.00	0.00	0.00
HUNT, CONNIE	66	43	50	(50)	0	43	0	43	0	0	0.00	0.00	0.00	0.00
JAMBOREE HOUSING CORPORATION	0	0	0	42	0	42	46	0	4	42	2.30	2,252.00	1,294.90	3,546.90
JESS RANCH WATER COMPANY	7,230	3,977	2,593	(2,593)	(2,707)	1,270	1,270	0	0	1,270	0.00	0.00	0.00	0.00
JOHNSON, CARLEAN	23	15	0	0	4	19	19	0	0	15	0.00	0.00	0.00	0.00
JOHNSON, RONALD	31	21	24	(24)	0	21	0	21	0	0	0.00	0.00	0.00	0.00
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	83	82	(82)	0	83	5	78	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	308	296	(296)	(239)	69	69	0	0	69	0.00	0.00	0.00	0.00
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	428	494	(494)	(428)	0	0	0	0	0	0.00	0.00	0.00	0.00
LANGLEY, JAMES	5	4	4	(4)	(4)	0	0	0	0	0	0.00	0.00	0.00	0.00
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	10	11	(11)	(9)	1	1	0	0	1	0.05	0.00	28.15	28.15
LENHERT, RONALD AND TONI	37	25	28	0	0	53	8	25	0	8	0.44	0.00	247.72	247.72
LHC ALLIGATOR, LLC	498	324	0	0	(324)	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	1,874	0	0	9,360	8,906	454	0	8,906	0.00	0.00	0.00	0.00
LOW, DEAN	199	130	150	(150)	(130)	0	0	0	0	0	0.00	0.00	0.00	0.00
LUCKEY 2010 REVOCABLE TRUST	300	195	224	(224)	(194)	1	1	0	0	1	0.05	0.00	28.15	28.15
MARIANA RANCHOS COUNTY WATER DISTRICT	280	154	0	0	49	203	203	0	0	154	0.00	0.00	0.00	0.00
MCKINNEY, PAULA	33	22	25	(25)	0	22	0	22	0	0	0.00	0.00	0.00	0.00
MLH, LLC	13	9	6	0	0	15	9	6	0	9	0.49	0.00	275.87	275.87
MOJAVE DESERT LAND TRUST	40	26	30	0	0	56	1	26	0	1	0.05	0.00	28.15	28.15

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2020-21 VERIFIED PRODUCTION ⁶	UNUSED ⁷ FPA	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$563.00/AF	MAKEUP WATER \$563.00/AF	TOTAL
				2019-20 CARRYOVER ³	2020-21 FPA ⁴									
MOJAVE WATER AGENCY (SEE NOTE 14)	0	0	0	0	0	0	15	0	15	0	0.00	8,445.00	0.00	8,445.00
NAVAJO MUTUAL WATER COMPANY	88	49	49	0	0	98	28	49	0	28	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	24	26	(26)	(23)	1	1	0	0	1	0.05	0.00	28.15	28.15
ORO GRANDE SCHOOL DISTRICT	107	59	24	0	0	83	75	8	0	75	4.11	0.00	2,313.93	2,313.93
PAUSTELL, JOAN BEINSCHROTH	152	99	128	(128)	(99)	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	133	196	0	133	0.00	0.00	0.00	0.00
PITTMAN REVOCABLE TRUST, DIANA J.	0	0	111	(111)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
POLICH, DONNA	65	43	49	(49)	0	43	0	43	0	0	0.00	0.00	0.00	0.00
RANCHERITOS MUTUAL WATER COMPANY	169	93	0	0	0	93	118	0	25	93	0.00	14,075.00	0.00	14,075.00
RIM PROPERTIES, A GENERAL PARTNERSHIP	9	6	7	(7)	(6)	0	0	0	0	0	0.00	0.00	0.00	0.00
RUE RANCH, INC.	30	20	16	(16)	(19)	1	1	0	0	1	0.05	0.00	28.15	28.15
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTE	0	0	0	0	0	0	216	0	216	0	0.00	121,608.00	0.00	121,608.00
SAN BERNARDINO COUNTY SERVICE AREA 42	465	256	198	(198)	(196)	60	60	0	0	60	0.00	0.00	0.00	0.00
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	2,103	0	0	261	2,364	2,844	0	480	2,103	0.00	270,240.00	0.00	270,240.00
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	559	0	0	437	996	1,815	0	819	559	0.00	461,097.00	0.00	461,097.00
SCRAY, MICHELLE A. TRUST	15	10	11	(11)	0	10	1	9	0	1	0.05	0.00	28.15	28.15
SERVICE ROCK PRODUCTS CORPORATION	20	11	11	0	0	22	7	11	0	7	0.38	0.00	213.94	213.94
SHEEP CREEK WATER COMPANY	0	0	0	0	0	0	36	0	36	0	0.00	20,268.00	0.00	20,268.00
SILVER LAKES ASSOCIATION	4,987	2,743	242	0	242	3,227	3,227	0	0	2,985	0.00	0.00	0.00	0.00
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	440	2,513	2,515	0	2	2,073	0.00	1,126.00	0.00	1,126.00
SPRING VALLEY LAKE COUNTRY CLUB	977	538	46	0	0	584	745	0	161	584	32.01	90,643.00	18,021.63	108,664.63
STORM, RANDALL	62	41	47	(47)	(41)	0	0	0	0	0	0.00	0.00	0.00	0.00
SUDMEIER, GLENN W.	20	13	14	(14)	(12)	1	1	0	0	1	0.05	0.00	28.15	28.15
SUMMIT VALLEY RANCH, LLC	57	38	35	(35)	(13)	25	25	0	0	25	0.00	0.00	0.00	0.00
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	272	311	(311)	(270)	2	2	0	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	0.05	0.00	28.15	28.15
THRASHER, GARY	373	243	275	(275)	(241)	2	2	0	0	2	0.00	0.00	0.00	0.00
THUNDERBIRD COUNTY WATER DISTRICT	126	70	0	0	52	122	122	0	0	70	0.00	0.00	0.00	0.00
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	26	17	20	0	0	37	0	17	0	0	0.00	0.00	0.00	0.00
VANHOOPS HOLDINGS, LP	360	234	269	(269)	(234)	0	0	0	0	0	0.00	0.00	0.00	0.00
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	132	0	0	240	372	372	0	0	132	0.00	0.00	0.00	0.00
VICTOR VALLEY MEMORIAL PARK	0	0	0	0	59	59	59	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	4,739	17,400	22,353	0	4,953	13,039	0.00	2,788,539.00	0.00	2,788,539.00
VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 13)	2,932	1,613	0	0	0	1,613	3,417	0	1,804	1,613	0.00	1,015,652.00	0.00	1,015,652.00

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2020-21 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$563.00/AF	MAKEUP WATER \$563.00/AF	TOTAL
				2019-20 CARRYOVER ³	2020-21 FPA ⁴									
VOGLER, ALBERT H.	62	41	46	(46)	(41)	0	0	0	0	0	0.00	0.00	0.00	0.00
WAGNER LIVING TRUST	1,224	796	918	(918)	(796)	0	0	0	0	0	0.00	0.00	0.00	0.00
WAKULA FAMILY TRUST	11	8	8	(8)	(7)	1	1	0	0	1	0.05	0.00	28.15	28.15
WARD, KEN AND BARBARA	65	43	35	(35)	(31)	12	12	0	0	12	0.00	0.00	0.00	0.00
WEST, HOWARD AND SUZY	72	47	54	(54)	0	47	0	47	0	0	0.00	0.00	0.00	0.00
WEST, JIMMIE E.	10	7	7	(7)	(6)	1	1	0	0	1	0.05	0.00	28.15	28.15
WESTERN WATER COMPANY	15	10	12	0	0	22	0	10	0	0	0.00	0.00	0.00	0.00
WESTLAND INDUSTRIES, INC.	54	30	30	0	0	60	21	30	0	21	1.15	0.00	647.45	647.45
WIENER, MELVIN AND MARIAM S.	30	17	17	0	0	34	0	17	0	0	0.00	0.00	0.00	0.00
WOOD, MICHAEL AND DENISE	0	0	0	0	0	0	5	0	5	0	0.00	2,815.00	0.00	2,815.00
TOTAL	114,308	63,586	17,621	(14,733)	410	66,884	77,816	2,393	12,126	51,688	43.54	6,826,938.00	24,513.02	6,851,451.02

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				2019-20	2020-21							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	29	21	22	(18)	(21)	4	0	0	0	0	0.00	0.00	0.00	0.00	
AQUA CAPITAL MANAGEMENT LP	0	0	977	(977)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	120	84	90	(90)	(84)	0	0	0	0	0	0.00	0.00	0.00	0.00	
BAR-LEN MUTUAL WATER COMPANY	48	34	36	0	0	70	29	34	0	29	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	15	16	0	0	31	0	15	0	0	0.00	0.00	0.00	0.00	
BROMMER HOUSE TRUST	361	253	271	(189)	(253)	82	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	
CHAFAR, LARRY R. AND DELINDA C.	46	33	35	0	0	68	1	33	0	1	0.00	0.00	0.00	0.00	
CHOI, YONG IL AND JOUNG AE	38	27	29	0	0	56	0	27	0	0	0.00	0.00	0.00	0.00	
CHONG, JOAN	10	7	16	0	19	42	42	0	0	23	0.00	0.00	0.00	0.00	
CHRISTISON, JOEL	75	53	57	(57)	(53)	0	0	0	0	0	0.00	0.00	0.00	0.00	
CONTRATTO, ERSULA	151	106	113	(113)	(105)	1	1	0	0	1	0.00	0.00	0.00	0.00	
DARR, JAMES S.	408	286	306	0	0	592	17	286	0	17	0.00	0.00	0.00	0.00	
DE VRIES, NEIL AND MARY FAMILY TRUST	3,800	2,660	2,850	0	0	5,510	1	2,660	0	1	0.00	0.00	0.00	0.00	
DORRANCE, DAVID W. AND TAMELA L.	19	14	0	0	(14)	0	0	0	0	0	0.00	0.00	0.00	0.00	
EYGNOR, ROBERT E.	50	35	38	(38)	(35)	0	0	0	0	0	0.00	0.00	0.00	0.00	
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE	30	21	23	0	0	44	0	21	0	0	0.00	0.00	0.00	0.00	
FOURFREE USA, INC.	42	30	24	0	(19)	35	0	11	0	0	0.00	0.00	0.00	0.00	
FRATES, D. COLE	13	10	0	0	(10)	0	0	0	0	0	0.00	0.00	0.00	0.00	
FRIEND, JOSEPH AND DEBORAH	60	42	45	0	0	87	11	42	0	11	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	132	93	99	(99)	(93)	0	0	0	0	0	0.00	0.00	0.00	0.00	
GAINES FAMILY TRUST, JACK AND MARY	92	65	69	(69)	(65)	0	0	0	0	0	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	14,407	10,085	10,806	(2,524)	(173)	18,194	5,999	9,912	0	5,999	0.00	0.00	0.00	0.00	
GRILL, NICHOLAS P. AND MILLIE D. (SEE NOTE 15)	0	0	0	0	142	142	118	0	0	0	0.00	0.00	0.00	0.00	
GUTIERREZ, JOSE AND GLORIA	130	91	98	0	0	189	40	91	0	40	0.00	0.00	0.00	0.00	
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	107	54	(54)	(107)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HARMSEN FAMILY TRUST	722	506	542	0	(142)	906	364	364	0	364	0.00	0.00	0.00	0.00	
HARPER LAKE COMPANY VIII	1,433	1,004	1,075	0	0	2,079	816	1,004	0	816	0.00	0.00	0.00	0.00	
HASKINS, JAMES J.	30	21	3	0	(21)	3	0	0	0	0	0.00	0.00	0.00	0.00	
HELENDALE COMMUNITY SERVICES DISTRICT	219	154	52	(52)	(154)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HENSLEY, MARK P.	27	19	21	0	0	40	19	19	0	19	0.00	0.00	0.00	0.00	
HI DESERT MUTUAL WATER COMPANY	34	24	26	0	0	50	18	24	0	18	0.00	0.00	0.00	0.00	
HIGH DESERT ASSOCIATES, INC.	513	360	385	0	0	745	0	360	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	1,635	1,752	(842)	(1,117)	1,428	39	518	0	39	0.00	0.00	0.00	0.00	
HOWARD, ET AL.	43	31	33	0	0	64	0	31	0	0	0.00	0.00	0.00	0.00	
HUERTA, HECTOR	656	460	492	800	0	1,752	842	460	0	842	0.00	0.00	0.00	0.00	

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				2019-20	2020-21							WATER	WATER	
				CARRYOVER ³	FPA ⁴									
JOHNSON, PAUL (FORMERLY: VALENTI, VITO)	17	12	0	13	(12)	13	0	0	0	0	0.00	0.00	0.00	0.00
JONES, JOETTE	22	16	17	0	0	33	0	16	0	0	0.00	0.00	0.00	0.00
JORDAN FAMILY TRUST	460	322	341	(341)	(318)	4	4	0	0	4	0.00	0.00	0.00	0.00
KASNER FAMILY LIMITED PARTNERSHIP	421	295	316	(45)	(295)	271	0	0	0	0	0.00	0.00	0.00	0.00
KIM, JIN S. AND HYUN H.	190	133	143	(143)	(133)	0	0	0	0	0	0.00	0.00	0.00	0.00
LEE, ET AL., SEPOONG AND WOO POONG	77	54	58	0	0	112	0	54	0	0	0.00	0.00	0.00	0.00
LEYERLY, GENEVA (SEE NOTE 12)	65						3							
MCCOLLUM, CHARLES L.	115	81	87	0	0	168	0	81	0	0	0.00	0.00	0.00	0.00
MEAD FAMILY TRUST	115	81	87	0	0	168	1	81	0	1	0.00	0.00	0.00	0.00
MOJAVE SOLAR, LLC	5,239	3,668	3,930	0	0	7,598	1,555	3,668	0	1,555	0.00	0.00	0.00	0.00
MOST FAMILY TRUST	56	40	42	0	0	82	0	40	0	0	0.00	0.00	0.00	0.00
ODESSA WATER DISTRICT	299	210	225	0	0	435	0	210	0	0	0.00	0.00	0.00	0.00
OHAI, REYNOLDS AND DOROTHY	137	96	103	0	0	199	1	96	0	1	0.00	0.00	0.00	0.00
OSTERKAMP, GEROLD (SEE NOTE 12)	260						125							
PACIFIC GAS AND ELECTRIC COMPANY	6,580	4,606	3,356	(200)	0	7,762	2,803	4,606	0	2,803	0.00	0.00	0.00	0.00
RIOS, MARIANO V.	8	6	6	0	0	12	3	6	0	3	0.00	0.00	0.00	0.00
RIVERO, FIDEL V.	20	14	15	0	0	29	1	14	0	1	0.00	0.00	0.00	0.00
RUISCH TRUST, DALE W. AND NELLIE H.	650	455	284	200	0	939	713	226	0	713	0.00	0.00	0.00	0.00
RUISCH, ET AL. (SEE NOTE 12)	862						366							
SERVICE ROCK PRODUCTS CORPORATION	766	537	575	0	0	1,112	19	537	0	19	0.00	0.00	0.00	0.00
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	163	174	(143)	(163)	31	0	0	0	0	0.00	0.00	0.00	0.00
SOPPELAND REVOCABLE TRUST	478	335	357	(349)	(335)	8	2	0	0	2	0.00	0.00	0.00	0.00
SYNAGRO-WWT, INC. (DBA NURSURY PRODUCTS, LLC)	0	0	0	0	0	0	4	0	4	0	0.00	2,252.00	0.00	2,252.00
TALLAKSON FAMILY REVOCABLE TRUST	17	12	13	0	0	25	6	12	0	6	0.00	0.00	0.00	0.00
VALENTI, VITO	0	0	13	(13)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
VAN DAM REVOCABLE TRUST, E AND S	722	506	542	(280)	(2)	766	139	504	0	139	0.00	0.00	0.00	0.00
VAN LEEUWEN, JOHN	1,465	1,026	1,099	200	(788)	1,537	945	238	0	945	0.00	0.00	0.00	0.00
VERNOLA TRUST, PAT AND MARY ANN	3,116	2,182	2,337	1,600	0	6,119	3,082	2,182	0	3,082	0.00	0.00	0.00	0.00
VICTORVILLE WATER DISTRICT, ID#1	796	558	0	0	(558)	0	0	0	0	0	0.00	0.00	0.00	0.00
WERNER, ANDREW J.	18	13	0	0	(13)	0	0	0	0	0	0.00	0.00	0.00	0.00
WESTERN DEVELOPMENT AND STORAGE, LLC	6	5	0	0	(5)	0	0	0	0	0	0.00	0.00	0.00	0.00
WITHEY, CONNIE	22	16	17	0	0	33	1	16	0	1	0.00	0.00	0.00	0.00
TOTAL	49,477	33,710	34,592	(3,823)	(4,925)	59,554	18,132	28,499	4	17,495	0.00	2,252.00	0.00	2,252.00

**AMENDED APPENDIX B FOR WATER YEAR 2020-21
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BAJA SUBAREA

PRODUCER	2020-21 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2022 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2020-21 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2019-20 CARRYOVER ³	2020-21 FPA ⁴							WATER	WATER		
35250 YERMO, LLC	24	6	8	0	0	14	10	4	0	10	0.00	0.00	0.00	0.00	
AHN, CHUN SOO AND WHA JA	50	13	15	0	0	28	1	13	0	1	0.00	0.00	0.00	0.00	
AKE, CHARLES J. AND MARJORIE M.	23	6	7	0	0	13	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	20	10	26	0	56	54	2	0	54	0.00	0.00	0.00	0.00	
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	7	9	0	0	16	0	7	0	0	0.00	0.00	0.00	0.00	
BARBER, JAMES B.	167	42	51	0	(7)	86	36	35	0	36	0.00	0.00	0.00	0.00	
BARON, SUSAN AND PALMER, CURTIS	26	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
BORJA, LEONIL T. AND TITAL L.	20	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00	
BREDELIS, RONALD C. AND JEAN	64	16	11	(11)	0	16	10	6	0	10	0.00	0.00	0.00	0.00	
BUBIER, DIANE GAIL	54	14	17	(17)	0	14	23	0	9	14	0.00	5,067.00	0.00	5,067.00	
BUDGET FINANCE COMPANY	32	8	10	0	0	18	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	324	389	(15)	0	698	251	324	0	251	0.00	0.00	0.00	0.00	
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	18	22	0	0	40	9	18	0	9	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	12	15	0	0	27	1	12	0	1	0.00	0.00	0.00	0.00	
CAMPBELL, M. A. AND DIANNE	22	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00	
CARLTON, SUSAN	155	39	47	0	0	86	1	39	0	1	0.00	0.00	0.00	0.00	
CDFW - CAMP CADY	921	231	277	0	0	508	69	231	0	69	0.00	0.00	0.00	0.00	
CHEYENNE LAKE, INC.	665	167	200	37	23	427	201	165	0	201	0.00	0.00	0.00	0.00	
CLARK, ARTHUR	50	13	15	0	0	28	0	13	0	0	0.00	0.00	0.00	0.00	
CLARK, GARY AND BETH A.	0	0	45	0	363	408	408	0	0	45	0.00	0.00	0.00	0.00	
CONNER, WILLIAM H.	25	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
CORBRIDGE, LINDA S.	32	8	10	0	0	18	4	8	0	4	0.00	0.00	0.00	0.00	
CROSS, FRANCIS AND BEVERLY	40	10	12	0	0	22	0	10	0	0	0.00	0.00	0.00	0.00	
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	844	211	254	129	0	594	422	73	0	422	0.00	0.00	0.00	0.00	
DAGGETT COMMUNITY SERVICES DISTRICT	504	126	0	0	111	237	237	0	0	126	0.00	0.00	0.00	0.00	
DAGGETT LAND HOLDINGS LLC	0	0	0	0	88	88	44	0	0	0	0.00	0.00	0.00	0.00	
DAGGETT RANCH, LLC	76	19	7	0	4	30	30	0	0	26	0.00	0.00	0.00	0.00	
DAGGETT SOLAR POWER 3 LLC (FORMERLY: VANDER DUSSEN TRUST, AGNES AND EDWARD)	179	45	0	0	(45)	0	0	0	0	0	0.00	0.00	0.00	0.00	
DE JONG FAMILY TRUST	3,131	783	534	457	0	1,774	1,604	170	0	1,604	0.00	0.00	0.00	0.00	
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	8	9	0	0	17	0	8	0	0	0.00	0.00	0.00	0.00	
DONALDSON, JERRY AND BEVERLY	90	23	27	0	0	50	1	23	0	1	0.00	0.00	0.00	0.00	
DOWELL, LEONARD	23	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00	
EVERT FAMILY TRUST	173	44	48	(18)	0	74	35	39	0	35	0.00	0.00	0.00	0.00	
FEJFAR, MONICA KAY	20	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00	
FERNANDEZ, ARTURO	76	19	23	0	0	42	1	19	0	1	0.00	0.00	0.00	0.00	

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PRODUCER	2020-21 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2022 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2020-21 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2019-20	2020-21							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
FERRO, DENNIS AND NORMA	32	8	10	0	0	18	0	8	0	0	0.00	0.00	0.00	0.00	
FIRST CPA LLC	57	15	16	0	0	31	21	10	0	21	0.00	0.00	0.00	0.00	
FOOTHILL ESTATES MHP, LLC	54	14	0	0	0	14	11	3	0	11	0.00	0.00	0.00	0.00	
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	107	128	0	0	235	114	107	0	114	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	1,637	410	270	0	0	680	516	164	0	516	0.00	0.00	0.00	0.00	
GARCIA, DANIEL	23	6	7	0	0	13	1	6	0	1	0.00	0.00	0.00	0.00	
GARG, OM P.	483	121	145	(145)	0	121	0	121	0	0	0.00	0.00	0.00	0.00	
GENON CALIFORNIA SOUTH, LP (SEE NOTE 16)	0	0	139	0	600	739	479	260	0	479	0.00	0.00	0.00	0.00	
GRAY, GEORGE F. AND BETTY E.	94	24	29	(29)	0	24	0	24	0	0	0.00	0.00	0.00	0.00	
HACKBARTH, EDWARD E.	1,517	380	171	432	67	1,050	1,050	0	0	983	0.00	0.00	0.00	0.00	
HANSON AGGREGATES WRP, INC.	31	8	10	0	0	18	0	8	0	0	0.00	0.00	0.00	0.00	
HARESON, NICHOLAS AND MARY	8	2	3	0	0	5	0	2	0	0	0.00	0.00	0.00	0.00	
HARTER, JOE AND SUE	5,134	1,284	498	(100)	(136)	1,546	783	763	0	783	0.00	0.00	0.00	0.00	
HASS, PAULINE L.	35	9	10	(10)	0	9	1	8	0	1	0.00	0.00	0.00	0.00	
HENDLEY, RICK AND BARBARA	48	12	15	0	0	27	11	12	0	11	0.00	0.00	0.00	0.00	
HIETT, HARRY L.	29	8	8	(7)	(4)	5	1	4	0	1	0.00	0.00	0.00	0.00	
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	76	89	(89)	(67)	9	2	7	0	2	0.00	0.00	0.00	0.00	
HO, TING-SENG AND AH-GIT	300	75	90	(90)	0	75	0	75	0	0	0.00	0.00	0.00	0.00	
HOLLISTER, ROBERT H. AND RUTH M.	44	11	14	0	0	25	0	11	0	0	0.00	0.00	0.00	0.00	
HONG, PAUL B. AND MAY	85	22	26	0	0	48	0	22	0	0	0.00	0.00	0.00	0.00	
HOOD FAMILY TRUST	41	11	13	0	0	24	11	11	0	11	0.00	0.00	0.00	0.00	
HORTON FAMILY TRUST	441	111	0	14	11	136	89	0	0	89	0.00	0.00	0.00	0.00	
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	7	9	0	0	16	1	7	0	1	0.00	0.00	0.00	0.00	
HUNT, RALPH M. AND LILLIAN F.	51	13	16	0	0	29	2	13	0	2	0.00	0.00	0.00	0.00	
HYATT, JAMES AND BRENDA	210	53	57	(57)	0	53	16	37	0	16	0.00	0.00	0.00	0.00	
IM, NICHOLAS NAK-KYUN	397	100	120	0	0	220	84	100	0	84	0.00	0.00	0.00	0.00	
IRVIN, BERTRAND W.	29	8	9	5	0	22	10	8	0	10	0.00	0.00	0.00	0.00	
ITALMOOD INC., ET. AL.	190	48	57	0	0	105	41	48	0	41	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	14	17	(17)	0	14	0	14	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	18	21	0	0	39	1	18	0	1	0.00	0.00	0.00	0.00	
KASNER FAMILY LIMITED PARTNERSHIP	843	211	0	0	0	211	52	159	0	52	0.00	0.00	0.00	0.00	
KASNER, ROBERT	5,613	1,404	0	0	(103)	1,301	1,106	195	0	1,106	0.00	0.00	0.00	0.00	
KATCHER, AUGUST M. AND MARCELINE	23	6	7	0	0	13	1	6	0	1	0.00	0.00	0.00	0.00	
KEMP, ROBERT AND ROSE	32	8	10	0	0	18	0	8	0	0	0.00	0.00	0.00	0.00	
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	191	230	(59)	0	362	171	191	0	171	0.00	0.00	0.00	0.00	
KIM, SEON JA	50	13	15	0	0	28	7	13	0	7	0.00	0.00	0.00	0.00	

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				2019-20	2020-21							WATER	WATER	
				CARRYOVER ³	FPA ⁴									
KOEGLER, RONALD R. AND CAROLYN V.	0	0	7	(7)	0	0	0	0	0	0.00	0.00	0.00	0.00	
KOERING, RICHARD AND KOERING, DONNA	20	5	6	0	0	11	2	5	0	2	0.00	0.00	0.00	0.00
KOSHAREK, JOHN AND JOANN	54	14	17	0	0	31	16	14	0	16	0.00	0.00	0.00	0.00
LAKE JODIE PROPERTY OWNERS ASSOCIATION	454	114	44	130	56	344	306	0	0	288	0.00	0.00	0.00	0.00
LAKE WAIKIKI	98	25	30	0	0	55	0	25	0	0	0.00	0.00	0.00	0.00
LAKE WAINANI OWNERS ASSOCIATION	1,725	432	469	(205)	300	996	226	462	0	226	0.00	0.00	0.00	0.00
LAM, PHILLIP	105	27	32	0	0	59	6	27	0	6	0.00	0.00	0.00	0.00
LANGLEY, MICHAEL R. AND SHARON	20	5	2	0	0	7	4	3	0	4	0.00	0.00	0.00	0.00
LAVANH, ET AL.	24	6	8	0	0	14	2	6	0	2	0.00	0.00	0.00	0.00
LAWRENCE, WILLIAM W.	45	12	14	0	0	26	1	12	0	1	0.00	0.00	0.00	0.00
LEE, VIN JANG T.	630	158	189	0	0	347	0	158	0	0	0.00	0.00	0.00	0.00
LEM, HOY	32	8	10	0	0	18	0	8	0	0	0.00	0.00	0.00	0.00
LIANG, YUAN - I AND TZU - MEI CHEN	200	50	60	(60)	0	50	0	50	0	0	0.00	0.00	0.00	0.00
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	453	114	136	0	0	250	110	114	0	110	0.00	0.00	0.00	0.00
LIN, KUANG JUNG AND CHUNG, DER-BING	451	113	136	(136)	(113)	0	0	0	0	0	0.00	0.00	0.00	0.00
LO, ET AL.	59	15	0	0	0	15	37	0	22	15	0.00	12,386.00	0.00	12,386.00
M BIRD CONSTRUCTION	41	11	13	0	0	24	1	11	0	1	0.00	0.00	0.00	0.00
MAHJOUBI, AFSAR S.	63	16	19	0	0	35	0	16	0	0	0.00	0.00	0.00	0.00
MALONEY, JANICE	36	9	11	0	0	20	0	9	0	0	0.00	0.00	0.00	0.00
MANNING, SHARON S.	63	16	11	0	0	27	8	16	0	8	0.00	0.00	0.00	0.00
MARCROFT, JAMES A. AND JOAN	38	10	0	0	0	10	10	0	0	10	0.00	0.00	0.00	0.00
MARSHALL, CHARLES	20	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00
MARTIN, MICHAEL D. AND ARLENE D.	63	16	5	32	0	53	37	16	0	37	0.00	0.00	0.00	0.00
MILBRAT, IRVING H.	73	19	14	0	0	33	25	8	0	25	0.00	0.00	0.00	0.00
MILLER LIVING TRUST	18	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00
MIZRAHIE, ET AL.	145	37	44	(44)	(37)	0	0	0	0	0	0.00	0.00	0.00	0.00
MOJAVE WATER AGENCY	7,194	1,799	1,559	0	(600)	2,758	0	1,199	0	0	0.00	0.00	0.00	0.00
MORRIS TRUST, JULIA V.	304	76	91	(91)	0	76	1	75	0	1	0.00	0.00	0.00	0.00
MULLIGAN, ROBERT AND INEZ	35	9	11	0	0	20	0	9	0	0	0.00	0.00	0.00	0.00
MURPHY, JEAN	24	6	7	0	0	13	4	6	0	4	0.00	0.00	0.00	0.00
MUSIC, ZAJO	15	4	5	0	7	16	16	0	0	9	0.00	0.00	0.00	0.00
NEW SPRINGS LIMITED PARTNERSHIP	2,329	583	699	(699)	(165)	418	0	418	0	0	0.00	0.00	0.00	0.00
NEWBERRY COMMUNITY SERVICES DISTRICT	23	6	0	0	0	6	6	0	0	6	0.00	0.00	0.00	0.00
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	1	1	1	(1)	(1)	0	0	0	0	0	0.00	0.00	0.00	0.00
NSSLIC, INC.	109	28	33	64	0	125	65	28	0	65	0.00	0.00	0.00	0.00
O. F. D. L., INC.	443	111	133	81	23	348	151	133	0	151	0.00	0.00	0.00	0.00
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	167	201	0	0	368	0	167	0	0	0.00	0.00	0.00	0.00
PATINO, JOSÉ	22	6	7	0	0	13	5	6	0	5	0.00	0.00	0.00	0.00
PEARCE, CRAIG L.	150	38	0	0	0	38	3	35	0	3	0.00	0.00	0.00	0.00

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				2019-20 CARRYOVER ³	2020-21 FPA ⁴							WATER	WATER		
PERKO, BERT K.	132	33	40	0	0	73	8	33	0	8	0.00	0.00	0.00	0.00	
POLAND, JOHN R. AND KATHLEEN A.	92	23	28	0	0	51	1	23	0	1	0.00	0.00	0.00	0.00	
PORTER, TIMOTHY M.	30	8	9	0	0	17	0	8	0	0	0.00	0.00	0.00	0.00	
PRECISION INVESTMENTS SERVICES, LLC	845	212	222	0	0	434	207	212	0	207	0.00	0.00	0.00	0.00	
PRICE, DONALD AND RUTH	42	11	13	0	0	24	1	11	0	1	0.00	0.00	0.00	0.00	
PRUETT, ANDREA	36	9	11	0	0	20	0	9	0	0	0.00	0.00	0.00	0.00	
QUAKENBUSH, SAMUEL R.	19	5	6	0	0	11	1	5	0	1	0.00	0.00	0.00	0.00	
QUIROS, FRANCISCO J. AND HERRMANN, RONALD	38	10	11	25	0	46	37	9	0	37	0.00	0.00	0.00	0.00	
RICE, HENRY C. AND DIANA	24	6	8	0	0	14	0	6	0	0	0.00	0.00	0.00	0.00	
RIZVI, S.R ALI	27	7	9	0	0	16	0	7	0	0	0.00	0.00	0.00	0.00	
ROSSI, JAMES L. AND NAOMI I.	614	154	0	0	86	240	240	0	0	154	0.00	0.00	0.00	0.00	
S AND B BROTHERS, LLC	221	56	32	0	0	88	64	0	16	64	0.00	9,008.00	0.00	9,008.00	
SAGABEAN-BARKER, KANOELOKELANI L.	34	9	7	0	0	16	14	2	0	14	0.00	0.00	0.00	0.00	
SAMPLES, BERNARD D. AND JANICE E.	43	11	13	0	0	24	11	11	0	11	0.00	0.00	0.00	0.00	
SAMRA, JAGTAR S.	30	8	9	0	0	17	2	8	0	2	0.00	0.00	0.00	0.00	
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	168	42	51	0	0	93	13	42	0	13	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	9	10	0	0	19	1	9	0	1	0.00	0.00	0.00	0.00	
SHEPPARD, THOMAS AND GLORIA	217	55	66	0	0	121	11	55	0	11	0.00	0.00	0.00	0.00	
SHORT, JEROME E. (SEE NOTE 17)	30	8	0	0	0	8	13	0	5	8	0.00	2,815.00	0.00	2,815.00	
SINGH, ET AL.	31	8	10	0	0	18	12	6	0	12	0.00	0.00	0.00	0.00	
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	0	0	0	0	37	37	37	0	0	0	0.00	0.00	0.00	0.00	
SMITH, PORTER AND ANITA	25	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA EDISON COMPANY	600	150	180	0	(11)	319	0	139	0	0	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA GAS COMPANY	98	25	30	0	0	55	14	25	0	14	0.00	0.00	0.00	0.00	
SPERRY, WESLEY	4	1	2	0	0	3	0	1	0	0	0.00	0.00	0.00	0.00	
ST. ANTONY COPTIC ORTHODOX MONASTERY	130	33	39	170	0	242	173	33	0	173	0.00	0.00	0.00	0.00	
STARKE, GEORGE A. AND JAYNE E.	23	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00	
SUNDOWN LAKES, INC.	523	131	157	98	22	408	168	143	0	168	0.00	0.00	0.00	0.00	
SUNRAY LAND COMPANY, LLC	63	16	19	0	0	35	0	16	0	0	0.00	0.00	0.00	0.00	
SZYNKOWSKI, RUTH J.	29	8	9	0	0	17	2	8	0	2	0.00	0.00	0.00	0.00	
TAPIE, RAYMOND L.	18	5	6	0	0	11	1	5	0	1	0.00	0.00	0.00	0.00	
TEISAN, JERRY	96	24	29	0	0	53	0	24	0	0	0.00	0.00	0.00	0.00	
THAYER, SHARON	97	25	24	0	0	49	31	10	0	31	0.00	0.00	0.00	0.00	
THOMAS, STEPHEN AND LORI	49	13	15	0	0	28	8	13	0	8	0.00	0.00	0.00	0.00	
TRIPLE H PARTNERSHIP	218	55	66	0	0	121	77	44	0	77	0.00	0.00	0.00	0.00	
TURNER, TERRY	30	8	9	0	0	17	1	8	0	1	0.00	0.00	0.00	0.00	
UNION PACIFIC RAILROAD COMPANY	249	63	75	0	0	138	15	63	0	15	0.00	0.00	0.00	0.00	

**AMENDED APPENDIX B FOR WATER YEAR 2020-21
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	2020-21 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2022 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2020-21 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2019-20 CARRYOVER ³	2020-21 FPA ⁴							WATER	WATER	
												\$563.00/AF	N/A	
VACA, ANDY AND TERESITA S.	20	5	6	0	0	11	6	5	0	6	0.00	0.00	0.00	0.00
VAN BASTELAAR, ALPHONSE	78	20	0	0	54	74	74	0	0	20	0.00	0.00	0.00	0.00
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	8,128	2,032	559	(406)	(402)	1,783	998	785	0	998	0.00	0.00	0.00	0.00
VAN LEEUWEN, JOHN	2,018	505	606	0	100	1,211	752	459	0	752	0.00	0.00	0.00	0.00
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,613	404	460	(460)	0	404	0	404	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	27	0	89	0	116	37	27	0	37	0.00	0.00	0.00	0.00
WEEMS, LIZZIE	53	14	16	0	0	30	0	14	0	0	0.00	0.00	0.00	0.00
WEERAISINGHE, MAITHRI N.	15	4	5	0	0	9	1	4	0	1	0.00	0.00	0.00	0.00
WESTERN HORIZON ASSOCIATES, INC.	1,363	341	0	0	139	480	480	0	0	341	0.00	0.00	0.00	0.00
WET SET, INC.	547	137	165	2	23	327	134	129	0	134	0.00	0.00	0.00	0.00
WITTE, E. DANIEL AND MARCIA	27	7	9	0	0	16	1	7	0	1	0.00	0.00	0.00	0.00
WLSR, INC.	471	118	142	59	23	342	133	134	0	133	0.00	0.00	0.00	0.00
WORSEY, JOSEPH A. AND REVAE	29	8	9	0	0	17	0	8	0	0	0.00	0.00	0.00	0.00
YANG, ZILAN (FORMERLY: KOEGLER, RONALD R. AND CAROLYN V.)	26	7	0	7	0	14	11	3	0	11	0.00	0.00	0.00	0.00
TOTAL	63,929	16,042	11,623	(916)	446	27,195	12,867	9,745	52	11,901	0.00	29,276.00	0.00	29,276.00

APPENDIX I - SUMMARY

MARCH 22, 2023

AMENDED APPENDIX B FOR WATER YEAR 2020-21
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	BASE ANNUAL PRODUCTION	2020-21 FREE PRODUCTION ALLOWANCE					PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2022 (AMOUNTS IN DOLLARS)		
		BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2020-21 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER	MAKEUP WATER	TOTAL
				2019-20 CARRYOVER ³	2020-21 FPA ⁴									
ESTE	19,251	13,500	14,219	(434)	0	27,285	4,304	12,834	1	3,873	0.00	563.00	0.00	563.00
OESTE	6,857	4,459	4,750	0	0	9,209	3,560	4,442	0	3,560	0.00	0.00	0.00	0.00
ALTO	114,308	63,586	17,621	(14,733)	410	66,884	77,816	2,393	12,126	51,688	43.54	6,826,938.00	24,513.02	6,851,451.02
CENTRO	49,477	33,710	34,592	(3,823)	(4,925)	59,554	18,132	28,499	4	17,495	0.00	2,252.00	0.00	2,252.00
BAJA	63,929	16,042	11,623	(916)	446	27,195	12,867	9,745	52	11,901	0.00	29,276.00	0.00	29,276.00
GRAND TOTAL	253,822	131,297	82,805	(19,906)	(4,069)	190,127	116,679	57,913	12,183	88,517	43.54	6,859,029.00	24,513.02	6,883,542.02

NOTES FOR APPENDIX I

- 1 EQUAL TO 70% OF BASE ANNUAL PRODUCTION IN THE ESTE AND CENTRO SUBAREAS.
EQUAL TO 65% OF BASE ANNUAL PRODUCTION IN THE OESTE SUBAREA AND FOR THE AGRICULTURAL PRODUCERS IN THE ALTO SUBAREA.
EQUAL TO 55% OF BASE ANNUAL PRODUCTION FOR THE MUNICIPAL AND INDUSTRIAL PRODUCERS IN THE ALTO SUBAREA.
EQUAL TO 25% OF BASE ANNUAL PRODUCTION IN THE BAJA SUBAREA.
- 2 UNUSED FPA FROM 2019-20 NET OF ANY TRANSFERS DURING 2019-20.
- 3 TRANSFERS OF 2019-20 UNUSED FPA FOR USE DURING 2020-21. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 4 TRANSFERS OF 2020-21 BASE FREE PRODUCTION ALLOWANCE. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 5 TOTAL FREE PRODUCTION ALLOWANCE FOR 2020-21 IS EQUAL TO THE SUM OF BASE FREE PRODUCTION ALLOWANCE, CARRYOVER AND TRANSFERS.
- 6 2020-21 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 2020-21 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 2020-21 AND CONSISTS OF 1,416 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 2019-20 WATER YEAR INCLUDE 476 ACRE-FEET FOR THE CITY OF ADELANTO, 140 ACRE-FEET FOR LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP., 1,402 ACRE-FEET FOR VICTORVILLE WATER DISTRICT, ID#1 AND 263 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

MARCH 22, 2023

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
35250 YERMO, LLC	ROBERTO MUNOZ	BROWN, JENNIFER	JENNIFER BROWN
ABDUL, HARRY AND ANITA	JACKIE MCEVOY	BRUNEAU, KAREN	KAREN BRUNEAU
ABSHIRE, DAVID V.	JOHN MCCALLUM	BRYANT, IAN	IAN BRYANT
ADELANTO, CITY OF	DANIEL BEST	BUBIER, DIANE GAIL	DIANE GAIL BUBIER
ADES, JOHN AND DEVON	JOHN AND DEVON ADES	BUDGET FINANCE COMPANY	NOAH FURIE
AEROCHEM, INC.	PEDRO DUMAUA	BUNNELL, DICK	DICK BUNNELL
AGCON, INC.	LORI CLIFTON	BUSH, KEVIN	KEVIN BUSH
AHN REVOCABLE LIVING TRUST	CHUN SOO AND WHA JA AHN	CALICO LAKES HOMEOWNERS ASSOCIATION	ROBERT MURATALLA
AHN REVOCABLE TRUST	SIMON AHN	CALIFORNIA DEPARTMENT OF TRANSPORTATION	WILLIAM DECOURSEY
AHN, CHUN SOO AND DAVID	CHUN SOO AHN	CALMAT COMPANY	ROBERT W. BOWCOCK
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	CALPORTLAND COMPANY - AGRICULTURE	CATALINA FERNANDEZ-MOORES
AMERICAN STATES WATER COMPANY	ANA CHAVEZ	CALPORTLAND COMPANY - ORO GRANDE PLANT	CATALINA FERNANDEZ-MOORES
ANDERSON, ROSS C. AND BETTY J.	ROSS C. AND BETTY J. ANDERSON	CAMANGA, TONY AND MARIETTA	TONY CAMANGA
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	DANIEL B. SMITH	CAMPBELL, M. A. AND DIANNE	MYRON CAMPBELL II
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	MATTHEW PATTERSON	CARLTON, SUSAN	SUSAN CARLTON
APPLE VALLEY UNIFIED SCHOOL DISTRICT	MATHEW SCHULENBERG	CASA COLINA FOUNDATION	KEVIN MANGOLD
APPLE VALLEY VIEW MUTUAL WATER COMPANY	EMELY AND JOE SALTMERIS	CDFW - CAMP CADY	DANIELLE STEWART
APPLE VALLEY, TOWN OF	TINA KUHNS	CDFW - MOJAVE NARROWS REGIONAL PARK	BEAHTA DAVIS
ARCHIBEK, ERIC	ERIC ARCHIBEK	CDFW - MOJAVE RIVER FISH HATCHERY	PACO CABRAL
ATCHISON, TOPEKA, SANTA FE RAILWAY COMPANY	MELISSA CANNON	CEMEX, INC.	ALEJANDRA SILVA
AVILA, ANGEL AND EVALIA	ANGEL AND EVALIA AVILA	CENTER WATER COMPANY	MARY TARRAB
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	SHERÉ R. BAILEY	CHAFAR, LARRY R. AND DELINDA C.	ALLENE ROZELL CHERIE KRACK
BAR H MUTUAL WATER COMPANY	DANIEL SHAW	CHAMISAL MUTUAL WATER COMPANY	MARY M ROSS
BARBER, JAMES B.	JAMES B. BARBER	CHEYENNE LAKE, INC.	CARL PUGH
BAR-LEN MUTUAL WATER COMPANY	CASEY SLUSSER	CHOI, YONG IL AND JOUNG AE	YONG IL AND JOUNG AE CHOI
BARON, SUSAN AND PALMER, CURTIS	CURTIS PALMER	CHONG, JOAN	JOAN CHONG
BARSTOW COMMUNITY DEVELOPERS, LLC	TEDDI MORAD	CHRISTISON, JOEL	JOEL CHRISTISON
BASS TRUST, NEWTON T.	BARBARA DAVISON	CHUNG, ET AL.	HWA-YONG CHUNG
BASTIANON REVOCABLE TRUST	REMO E. BASTIANON	CLARK, ARTHUR	ARTHUR CLARK
BEINSCHROTH FAMILY TRUST	MIKE BEINSCHROTH	CLARK, GARY AND BETH A.	ERIK ARCHIBEK
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
BORJA, LEONIL T. AND TITAL L.	LEONIL T. AND TITAL L. BORJA	CORBRIDGE, LINDA S.	GEORGE STARKE
BOX, GEARY S. AND LAURA	GEARY S. AND LAURA BOX	CROSS, FRANCIS AND BEVERLY	FRANCIS AND BEVERLY CROSS
BREDELIS, RONALD C. AND JEAN	RONALD C. AND JEAN BREDELIS	CROSS, SHARON I.	SHARON I. CROSS
BROMMER HOUSE TRUST	MARVIN BROMMER	CROWN CAMBRIA, LLC	JAY HOOPER
BROWN, BOBBY G. AND VALERIA R.	PAUL JOHNSON	CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	ALESSIA MORRIS

APPENDIX J

MARCH 22, 2023

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

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

APPENDIX J

MARCH 22, 2023

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

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

APPENDIX J

MARCH 22, 2023

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
LUCERNE VALLEY PARTNERS	MANOUCHER SARBAZ	OASIS WORLD MISSION	CHUN SOO AHN
LUCERNE VALLEY UNIFIED SCHOOL DISTRICT	PETER LIVINGSTON	ODESSA WATER DISTRICT	KODY TOMPKINS
LUCERNE VISTA MUTUAL WATER COMPANY	MARIAN WALENT	OHAI, REYNOLDS AND DOROTHY	DOROTHY OHAI
LUCKEY 2010 REVOCABLE TRUST	CAROLYN J. LUCKEY	OMYA CALIFORNIA, INC.	CRAIG MAETZOLD
M BIRD CONSTRUCTION	EUGENE R. & VICKIE R. BIRD	OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K.	JOHN P. OOSTDAM
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 RIB	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	AMY LANGSTON	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	RHEE, ANDREW N.	ANDREW N. RHEE
MOSS, LAWRENCE W. AND HELEN J.	LAWRENCE W. AND HELEN J. MOSS	RICE, HENRY C. AND DIANA	KELLY RICE
MOST FAMILY TRUST	JENNIE MOST	RIM PROPERTIES, A GENERAL PARTNERSHIP	IAN BRYANT
MULLIGAN, ROBERT AND INEZ	DENNIS HILLS	RIOS, MARIANO V.	JOSIE RIOS
MURPHY, JEAN	JEAN MURPHY	RIVERO, FIDEL V.	FIDEL V. RIVERO
MUSIC, ZAJO	ZAJO MUSIC	RIZVI, S.R ALI	S.R ALI RIZVI
NAVAJO MUTUAL WATER COMPANY	JAMES HANSEN	ROBERTSON'S READY MIX	JACKIE MCEVOY
NEW SPRINGS LIMITED PARTNERSHIP	BILLY LIANG	ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI	SUSAN SOMMERS
NEWBERRY COMMUNITY SERVICES DISTRICT	JODI HOWARD	ROYAL WAY	MITCHELL KAUFMAN
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	JEFF GAASTRA	RUE RANCH, INC.	SAM MARICH
NORRIS TRUST, MARY ANN	MARY ANN NORRIS	RUISCH TRUST, DALE W. AND NELLIE H.	DALE W. RUISCH
NSSLC, INC.	KENTON EATHERTON	S AND B BROTHERS, LLC	SHERWIN SHORAKA
NUÑEZ, LUIS SEGUNDO	LUIS SEGUNDO NUÑEZ	S AND E 786 ENTERPRISES, LLC	JAFAR RASHID
NUNN FAMILY TRUST	PEARL OR GAIL NUNN	SABA FAMILY TRUST DATED JULY 24, 2018	SARA FORTUNA
O. F. D. L., INC.	JEFF GAASTRA	SAGABEAN-BARKER, KANOELOKELANI L.	KANOE BARKER

APPENDIX J

MARCH 22, 2023

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
SAMRA, JAGTAR S.	JAGTAR S. SAMRA	THAYER, SHARON	DARYL LAZENBY
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT		THOMAS, STEPHEN AND LORI	STEPHEN THOMAS
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTER	JARED BEYELER	THOMPSON LIVING TRUST, JAMES A. AND SULA B.	LYNNETTE L. THOMPSON
SAN BERNARDINO COUNTY SERVICE AREA 29	TREVOR LEJA	THOMPSON LIVING TRUST, R.L. AND R.A.	RODGER THOMPSON
SAN BERNARDINO COUNTY SERVICE AREA 42	JARED BEYELER	THRASHER, GARY	GARY THRASHER
SAN BERNARDINO COUNTY SERVICE AREA 64	JARED BEYELER	THUNDERBIRD COUNTY WATER DISTRICT	CHRISTINE BISPO
SAN BERNARDINO COUNTY SERVICE AREA 70J	JARED BEYELER	TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	
SCRAY, MICHELLE A. TRUST	MICHELLE SCRAY	TRIPLE H PARTNERSHIP	JIM HOOVER
SERVICE ROCK PRODUCTS CORPORATION	JACKIE MCEVOY	TROEGER FAMILY TRUST, RICHARD H.	MIKE TROEGER
SEXTON, RODNEY A. AND SEXTON, DEREK R.	ROD SEXTON	TURNER, TERRY	TERRY TURNER
SHEEP CREEK WATER COMPANY	CHRIS CUMMINGS	UNION PACIFIC RAILROAD COMPANY	AURELIO IBARRA
SHENG, JEN	JEN SHENG	VACA, ANDY AND TERESITA S.	ANDY AND TERESITA S. VACA
SHEPPARD, THOMAS AND GLORIA	THOMAS AND GLORIA SHEPPARD	VAN BASTELAAR, ALPHONSE	DEAN VAN BASTELAAR
SHORT, JEROME E.	JEROME E. SHORT	VAN DAM FAMILY TRUST, GLEN AND JENNIFER	GLEN AND JENNIFER VAN DAM
SILVER LAKES ASSOCIATION	WESTLY CAMPBELL	VAN LEEUWEN TRUST, JOHN A. AND LETIE	JACOB BOOTSMAS
SINGH, ET AL.	NEPAL SINGH	VANDER DUSSEN TRUST, AGNES AND EDWARD	AGNES VANDER DUSSEN
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	DENISE SMITH	VERNOLA TRUST, PAT AND MARY ANN	JOHN DRISCOLL
SMITH, PORTER AND ANITA	PORTER AND ANITA SMITH	VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	JOHN NAHLEN
SNOWBALL DEVELOPMENT, INC.	STEVE KIM	VICTOR VALLEY MEMORIAL PARK	DEIDRA HITT
SON'S RANCH	CHAN KYUN SON	VICTORVILLE WATER DISTRICT, ID#1	ARNOLD VILLARREAL
SOPPELAND REVOCABLE TRUST	JASON LAMOREAUX	VICTORVILLE WATER DISTRICT, ID#2	ARNOLD VILLARREAL
SOUTHERN CALIFORNIA EDISON COMPANY	ERIKA CLEMENT	VOGLER, ALBERT H.	ALBERT H. VOGLER
SOUTHERN CALIFORNIA GAS COMPANY	SCOTT BREWER	WAGNER LIVING TRUST	JOAN WAGNER
SPECIALTY MINERALS, INC.	JOSHUA EBERHARDY	WAKULA FAMILY TRUST	CHRISTIAN JOSEPH WAKULA
SPERRY, WESLEY	WESLEY SPERRY	WANG, STEVEN	STEVEN WANG
SPILLMAN, JAMES R. AND NANCY J.	JAMES R. AND NANCY J. SPILLMAN	WARD, KEN AND BARBARA	BARBARA ALLARD-WARD
SPRING VALLEY LAKE ASSOCIATION	ERIC MILLER	WARD, RAYMOND	RAYMOND WARD
SPRING VALLEY LAKE COUNTRY CLUB	MITCHELL BROWN	WEEMS, LIZZIE	LIZZIE WEEMS
ST. ANTONY COPTIC ORTHODOX MONASTERY	FATHER SARAPAMON	WEERASINGHE, MAITHRI N.	MAITHRI N. WEERASINGHE
STARKE, GEORGE A. AND JAYNE E.	GEORGE A. AND JAYNE E. STARKE	WERNER, ANDREW J.	ANDREW J. WERNER
STORM, RANDALL	RANDALL STORM	WEST END MUTUAL WATER COMPANY	JAMES WOODY
SUDMEIER, GLENN W.	GLENN W. SUDMEIER	WEST, HOWARD AND SUZY	HOWARD AND SUZY WEST
SUMMIT VALLEY RANCH, LLC	ALEXANDRA LIOANAG	WEST, JIMMIE E.	JIMMIE E. WEST
SUNDOWN LAKES, INC.	MARK RICHARDSON	WESTERN DEVELOPMENT AND STORAGE, LLC	ANDREW WERNER
SUNRAY LAND COMPANY, LLC	CLENERA, LLC	WESTERN HORIZON ASSOCIATES, INC.	CHUNG CHO GONG
SYNAGRO-WWT, INC. (DBA NURSURY PRODUCTS, LLC)	VENNY VASQUEZ	WESTERN WATER COMPANY	WILMA SILVERIA
SZYNKOWSKI, RUTH J.	RUSSELL SZYNKOWSKI	WESTLAND INDUSTRIES, INC.	GENARO ZAPATA
TALLAKSON FAMILY REVOCABLE TRUST	BILL AND ELIZABETH TALLAKSON	WET SET, INC.	THOMAS G. FERRUZZO
TAPIE, RAYMOND L.	RAYMOND L. TAPIO	WIENER, MELVIN AND MARIAM S.	MELVIN AND MARIAM S. WIENER
TEISAN, JERRY	JERRY TEISAN	WILSHIRE ROAD PARTNERS	MANOUCHER SARBAZ

APPENDIX J

MARCH 22, 2023

MOJAVE BASIN AREA WATERMASTER
NOTICE LIST

OWNER

WITHEY, CONNIE
WITTE, E. DANIEL AND MARCIA
WLSR, INC.
WORSEY, JOSEPH A. AND REVAE
YANG, ZILAN

DESIGNEE

CONNIE TAPIE
E. DANIEL AND MARCIA WITTE
MARK J. CLUFF
DAVID A. WORSEY
ZILAN YANG

OWNER

DESIGNEE

APPENDIX K

PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT

2021-22 WATER YEAR

APPENDIX K

MARCH 22, 2023

PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT
WATER YEAR 2021-22
(ALL AMOUNTS IN ACRE-FEET)

SUBAREA	TRANSFEROR	TRANSACTION						STATUS OF RIGHTS AFTER PERMANENT TRANSFER			
		VERIFIED BASE ANNUAL PRODUCTION	CURRENT BASE ANNUAL RIGHT (PERCENT)	DATE PROCESSED BY WATERMASTER	TYPE OF TRANSACTION	TRANSFER AMOUNT	TRANSFeree	TRANSFeree		TRANSFEROR	
								VERIFIED BASE ANNUAL PRODUCTION	BASE ANNUAL RIGHT (PERCENT)	VERIFIED BASE ANNUAL PRODUCTION	BASE ANNUAL RIGHT (PERCENT)
CENTRO	GAINES FAMILY TRUST, JACK AND MARY	92	0.1635	10/27/2021	SALE	19	HELENDALE COMMUNITY SERVICES DISTRICT	238	0.4230	73	0.1297
CENTRO	GAINES FAMILY TRUST, JACK AND MARY	73	0.1297	10/27/2021	SALE	73	VICTORVILLE WATER DISTRICT, ID#1	869	1.5444	0	0.0000
CENTRO	HARPER LAKE COMPANY VIII	1,433	2.5467	01/26/2022	SALE	1,433	LUZ SOLAR PARTNERS LTD. IX	1,433	2.5467	0	0.0000
ESTE	HERT, SCOTT	276	1.3660	01/26/2022	SALE	276	DESERT GIRLZ LLC	299	1.4798	0	0.0000
BAJA	SAMPLES, BERNARD D. AND JANICE E.	43	0.0650	02/23/2022	SALE	43	HU, MINSHENG	43	0.0650	0	0.0000
CENTRO	LUZ SOLAR PARTNERS LTD. IX	1,433	2.5467	05/25/2022	SALE	1,433	LOCKHART LAND HOLDING, LLC	1,433	2.5467	0	0.0000
ALTO	VANHOOPS HOLDINGS, LP	360	0.3092	05/25/2022	SALE	360	HESPERIA WATER DISTRICT	14,531	12.4824	0	0.0000
CENTRO	DE VRIES, NEIL AND MARY FAMILY TRUST	3,800	6.7533	06/22/2022	SALE	3,800	VICTORVILLE WATER DISTRICT, ID#1	4,669	8.2976	0	0.0000
CENTRO	JOHNSON, PAUL	17	0.0302	06/22/2022	SALE	17	VICTORVILLE WATER DISTRICT, ID#1	4,686	8.3279	0	0.0000
CENTRO	SOPPELAND REVOCABLE TRUST	478	0.8495	06/22/2022	SALE	478	VICTORVILLE WATER DISTRICT, ID#1	5,164	9.1773	0	0.0000
CENTRO	VAN DAM REVOCABLE TRUST, E AND S	722	1.2831	06/22/2022	SALE	722	OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K.	722	1.2831	0	0.0000
BAJA	MALONEY, JANICE HAWES	36	0.0544	07/27/2022	SALE	36	HACKBARTH, EDWARD E.	1,553	2.3474	0	0.0000