

MOJAVE BASIN AREA WATERMASTER

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

June 1, 2025

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

RE: Watermaster Annual Report for Water Year 2023-24

Pursuant to Judgment After Trial in the case of City of Barstow, et al., vs. City of Adelanto, et al., Case No. CIV208568 entered January 10, 1996, submitted herewith is the Thirty-first Annual Report of the Mojave Basin Area Watermaster, dated June 1, 2025, setting forth the activities and determinations of the Watermaster for Water Year 2023-24.

A Technical Memorandum detailing the Production Safe Yield re-calculation is attached herewith. The entire technical memorandum with all exhibits is posted at the following location for review: https://www.mojavewater.org/tm_psy_reevaluation_20250530/

Respectfully submitted,

MOJAVE BASIN AREA WATERMASTER

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TECHNICAL MEMORANDUM

To: Mojave Basin Area Watermaster

From: Robert C. Wagner, P.E., Watermaster Engineer

Date: May 30, 2025

Re: **Production Safe Yield re-calculation per Court's Order**

Supplementing its July 3, 2024 Order, on October 23, 2024, the Superior Court of California, County of Riverside ordered the Watermaster to re-evaluate Production Safe Yield (PSY) for the Alto, Centro, Baja and Oeste subareas, including the Transition Zone.

The Court also ordered Watermaster as follows:

- In the process of re-evaluating PSY for those two subareas, to re-evaluate both (a) the sufficiency of any factual investigation conducted to quantify the factors to be used in those calculations, and (b) the reliability of any assumptions or estimates that the Watermaster relies upon when empirical data is not available to quantify factors.
- Thereafter, to draft a report regarding the Watermaster's findings and to include that report in its 31st Annual Report, i.e., the report concerning Water Year 2023-2024.

This Technical Memorandum describes the Watermaster's findings on these matters and is included as an addendum to the 31st Annual Report for Water Year 2023-2024.

DWR Bulletin 84 guidance on the selection of a hydrologic base period

The hydrologic base period is not defined in the Judgment. However, the Parties to the Judgment, the Court and Watermaster relied upon a study published in 1967, by the California Department of Water Resources (DWR). The Forward to that study states:

This investigation and report are the result of the recognition by the Mojave Water Agency of its need for reliable information on existing water resources, future water requirements, and sources of additional water supply to meet the needs for growth of the region it serves. Accordingly, the agency, through its legislative representatives, obtained state funds for the Department of Water Resources to undertake this investigation . . .

To provide interested agencies and persons with information as soon as it was available, informal meetings were held and two progress reports were published by the Department of Water Resources.

The results of this study show that additional water will be required if the Mojave region is to realize its growth potential. The meager rainfall and increasing water demands of the area indicate the need for a plan of basin operation that will take full advantage of existing and potential water resources, including ground water, imported water, and the use of the ground water basins for both storage and distribution of water.

The information provided by this study points out the need and provides a foundation for a ground water basin model simulation and operational and economic studies, leading to the selection by local agencies of an optimum plan of water resources management.

In Bulletin 84 (which is specific to the Mojave Basin Area), DWR provides the following guidance as to the selection of a long-term base period:

In any watershed, precipitation is the original source of local water supply; therefore, the amount of precipitation to a groundwater basin and its tributary areas serve as an index of the water supply available to that basin. . . .

The base period conditions should be reasonably representative of long-time hydrologic conditions and should include both normal and extreme wet and dry years. Both the beginning and the end of the base period should be preceded by a series of wet years or a series of dry years, so that the difference between the amount of water in transit within the zone of aeration at the beginning and end of the base period would be a minimum. The base period should also be within the period of available records and should include recent cultural conditions as an aid for projections under future basin operational studies.

Based upon DWR's guidance, the Parties to the Judgment, the Court, and the Watermaster, determined that the initial base period should be from 1931 to 1990, as that period fairly includes both normal and extreme wet and dry years, and meets the other requirements set forth in Bulletin 84. Therefore, from January 10, 1996 (when the Judgment was entered) until approximately 2024, the base period from 1931 to 1990 was assumed to be the applicable long-term hydrologic base period for purposes of computing Production Safe Yield (PSY) in the Mojave Basin Area. DWR Bulletin 84 was trial exhibit number 4006.

The hydrologic base period is important because the "yield" (safe yield, production safe yield, natural safe yield, and other similar terms) require a finite time period for evaluation. As indicated in Bulletin 84, the selected base period should include recent cultural conditions, as those conditions are directly related to consumptive use and return flow which, in turn, directly impact water supply. The Court's Amended Statement of Decision in this proceeding acknowledges the

importance of the cultural conditions: “Production Safe Yield is always based on a particular cultural condition.” (Statement of Decision, C. 2., page 12).

The 2001-2020 hydrologic base period, which was proposed in 2024, also meets the guidance set forth in Bulletin 84 as evaluated at the Forks. It is reasonably representative of long-term hydrologic conditions for inflow at the Forks, contains normal, extreme wet and dry years, and begins and ends with dry years. It also is within the period of record and includes recent cultural conditions. The 2001-2020 base period, while similar, is drier by about 6%, compared to the 1931-1990 period as measured at the Forks. **Exhibit 1** is a hydrograph of flow at the Forks, showing various periods of average supply to the Basin Area.

Once the hydrologic base period is set, there is no reason to reset it every year, or at any other time unless the conditions upon which it is based change significantly. The long-term average water supply (1931-1990 used when the Judgment was entered, or 2001-2020 as now proposed by Watermaster) will not change from one year to the next, as it is fixed by the chosen time period.

The Judgment’s definition of PSY

The Judgment defines Production Safe Yield as “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.” (Judgment, page 11.)

As noted above, as to the first element of the PSY definition, from 1996 to approximately 2024, “long-term” was considered to be the period 1931-1990, for average annual natural water supply as measured at the Forks (the Forks is the confluence of Deep Creek and West Fork Mojave River, representing the main surface water supply to the basin). As described in greater detail below, average annual natural outflow from a Subarea has been considered to be the average outflow as determined at the Helendale Fault for Alto and the Waterman Fault for Baja. The subsurface flows between Este and Alto, Oeste and Alto, and Oeste and the Transition Zone (TZ) were estimated using the Upper Mojave River Basin Model (UMRBM).

Part (2) of the definition represents the “cultural conditions” within each subarea, reasonably representative of the patterns of “Production, applied water, return flows and Consumptive Use” to be applied to the water supply from part (1) and representing current cultural conditions and future conditions for planning. Part (2) is subject to change as land uses change but is not usually re-evaluated every year. This is so because recent cultural conditions in the Mojave Basin Area do not significantly change from one year to the next year (except in the Baja Subarea). Part (2) is the amount of water use and disposal when occurring under the supply conditions of Part (1) “without resulting in a long-term net reduction of groundwater in storage in the Subarea” (which is Part 3). The arithmetic for this definition is embodied in Exhibit C. (Table C-1 of the

Judgment.) When the calculation shows a “deficit” for a Subarea, the water producers within the Subarea must purchase replacement water to remedy the deficit (Replacement Obligations can be satisfied by the transfer provisions of the Judgment). For Table C-1 of the Judgment, the year considered for “cultural conditions” or land uses was 1990. Table C-1 was trial exhibit number 4013.

PSY for the Alto Subarea

To determine PSY for the Alto Subarea, in its 2024 analysis, Watermaster relied upon and utilized data included in the UMRBM and the TZ water balance to determine PSY for the entire Alto subarea (which includes the TZ). Appendix A titled “Alto & Centro Subarea Water Supply Update” dated February 28, 2024, describes the PSY update using the UMRBM. A copy of this document is included herein as **Exhibit 2**. A fundamental conclusion of this analysis is that there is no long-term change in storage in the TZ. This conclusion is deemed more likely than not to be correct based upon the measured historical water levels in the TZ and further discussion herein.

Figure 3 from Appendix A is the Alto Production Safe Yield Incorporating Output from the UMRBM

Alto Production above the Lower Narrows 2001- 2020 (acre-feet)	81,968
2001- 2020 Average Alto B2 Non-Consumptive Pumping* (acre-feet)	-14,118
<u>TZ (2001 - 2020) Average Pumping (acre-feet)</u>	<u>+11,630</u>
Modeled Pumping Alto + Transition Zone (acre-feet)	= 79,480
<u>Alto above Narrows Modeled Deficit (2001 - 2020)</u>	<u>-17,475</u>
Modeled Production Safe Yield (acre-feet)	= 62,005

* B2 is recirculated water as defined in the Judgment and is not included in total verified production

The PSY calculation for Alto as shown is based on the water supply conditions during 2001-2020 that will not have changed as of 2025, as the hydrologic base period is fixed. As shown on **Exhibit 1**, the pattern of inflow at the Forks while variable between wet and dry periods, for the past 95 years is similar to the 2001-2020 hydrologic base period.

These conditions, for planning purposes, are *assumed* to be repeated in the future. This assumption is necessary because what the inflow to the Basin Area will be in the future is not known. The assumption that this 20-year period is representative of current cultural conditions is also valid as those conditions, particularly in Alto, change relatively slowly (**Exhibit 3**). For example, the 2001-2020 average pumping for consumptive uses was 79,480 acre-feet (as shown above) and 77,712 acre-feet for the past five years (see **Exhibit 3**), or about a 2% difference. It is noted here that the selection of the last five years of pumping is for comparison to the 2001-2020 period, not an alternative long-term base period for evaluation.

The calculated deficit from the UMRBM (17,475 acre-feet/year) is the result of all processes related to water supply, use and disposal during the period 2001-2020. The inputs to the model and its output do not change and are assumed to be representative of the future for planning.

Importantly, this is the deficit that the Alto producers will purchase as Replacement Water pursuant to the terms of the Judgment. The modeled effect of importing 17,500 acre-feet every year is presented later in this discussion. A detailed description of the UMRBM can be found in the Mojave Water Agency website and can be accessed at the following link: <https://www.mojavewater.org/wp-content/uploads/2024/02/Appendix-G-Groundwater-Model.pdf>

The Transition Zone Water Balance

In this section we present the elements of water supply, use and disposal for the TZ as well as the reliability of estimates and likelihood that the information, data, calculations and estimates are more likely than not true. The elements are as follows:

- Measured Surface Inflow at the Lower Narrows (measured by USGS)
- Pumping within the TZ (reported to Watermaster, measured)
- Consumptive Use of Pumping within the TZ (estimated)
- Consumptive Use by Riparian Habitat within the TZ (calculated)
- Measured Precipitation (measured)
- Treated wastewater discharge measured and reported by Victor Valley Wastewater Reclamation Authority (VWVRA) - Amounts reported in Watermaster Annual Reports (Table 4-2)
- Calculated Surface Outflow (calculated based on the above parameters)
- Subsurface Outflow (agreed upon by the Parties, and confirmed by Watermaster)

Average Inflow to the TZ is unchanged since 1951

Exhibit 4 is a graphic of the flow at the Lower Narrows plus treated wastewater discharges by VWVRA to the Transition Zone for the period 1931-2024. The graphic indicates the average flow for the period 1951-1990 (post overdraft and prior to the Adjudication) was 49,028 acre-feet, which is similar in magnitude to the average of the period 1991-2024 of 49,100 acre-feet. This data, which consists of measured discharges from VWVRA, and measured stream flows (by the USGS) at the Lower Narrows gage (on the south end of the TZ) demonstrates the consistency of water supply to the TZ since at least 1951 and supports the conclusion that the water levels within the TZ are stable over time.

Transition Zone Pumping

Pumping in the TZ has declined significantly since the peak in the late 1960's from about 30,000 acre-feet to about 10,000 acre-feet in 2024, as shown on **Exhibit 5**. Pumping data has been reported to Watermaster since 1993, and prior to 1993 was estimated by various investigators, including Dibble, 1973 (MOJAVE WATER AGENCY vs CLARENCE L. ABBEY, et al); USGS,

Hardt, 1971; and USGS, Stamos, 2001. The pumping data is considered reliable, and the best available information, and is more likely than not true.

Recent pumping data compiled by Watermaster is based on flow meter records, or other Watermaster approved methods for measuring and reporting (for the TZ):

- 99% of water pumped is metered/measured since at least 2012
- 93% by flow meters
- about 7% by pump test and electrical records (one producer)

Exhibit 6 provides various methods for measuring pumping in each subarea, including the TZ since 2012. The pumping data is considered the best available data and is considered more likely than not true.

Consumptive Use of Pumping

Consumptive uses must be estimated because there is no reliable means of measuring consumptive use. Consumptive use is the portion of pumped water lost to the atmosphere due to beneficial uses, like municipal indoor use and outdoor uses. The Judgment (Exhibit F) considered municipal consumptive use to be about 50% of production, meaning 50% of pumped water results in return flow to the basin (as supply). Since indoor and outdoor uses are not independently metered, indoor use is estimated by population and on a per capita water use rate. Outdoor water use is the difference between pumping and indoor water use. For the TZ based on these criteria, we have estimated that total consumptive use of production within the TZ is approximately **64%** of total pumping resulting in return flows of **36%** of pumping. Consumptive use of pumping is mostly due to outdoor water use within the TZ as indoor water use is assumed to return to the basin as supply (septic and sewer flow). It is also estimated that there is little to no return flow from outdoor water use due to very high rates of evapotranspiration.

Riparian Habitat Water Use in the TZ

Previous estimates of riparian habitat water use in the TZ indicate an average of 6,000 acre-feet per year based on the USGS study by Lines and Bilhorn (1996). Watermaster's most recent analysis using remote sensing technologies indicates an average of 6,178 acre-feet per year, which is consistent with Lines and Bilhorn (1996). The two estimates of riparian habitat water use in the TZ (about 6,000 acre-feet) as of now, is the best available information and is more likely than not true. The California Department of Fish and Wildlife (CDFW) has proposed to use part of the Biological Resources Trust Fund to update the consumptive use by riparian vegetation for Water Year 2025-26.

We note here that recharge from precipitation on the desert floor has been considered negligible by previous investigations because total precipitation on average is far less than potential evapotranspiration. Average precipitation at Victorville and Barstow is only about 5

inches per year, while soil evapotranspiration is estimated to be about 35.5 inches (Hardt, 1971). Surface evaporation from the Mojave River was estimated by USGS and CDFW to be 5.6 feet (Lines and Bilhorn, 1996, at page 7), and the Judgment made an assumption that evaporative losses from water bodies was 7 feet (Exhibit F of the Judgment). In any event, the potential soil moisture loss or evaporation losses are up to 7 1/2 times greater than precipitation (Hardt, 1971). In the TZ, a small portion of inflow is attributed to precipitation (1%), and all surface water evaporation is included in the net riparian habitat water use and is therefore counted.

The PSY for Alto was determined using the calibrated UMRBM, and the water balance for the TZ. The TZ water balance is necessary to calculate outflow from Alto, in order to calculate PSY for both Alto and Centro. Once finalized, the Regional Mojave River Basin Model (RMBM) will be used to calculate the outflow from Alto to Centro, through the TZ. The model, both the current UMRBM and the expanded RMBM, are calibrated to observed water levels, *not to estimates*. **While we consider the calculation of outflow from Alto (TZ) to Centro to be reliable, it is expected that the RMBM will provide an improved calculation of outflow, both surface and subsurface at the Helendale Fault.**

For the Alto PSY calculation, the sum of all the elements of inflow is subtracted from all the elements of outflow resulting in either a deficit or a surplus within Alto. Based upon the Judgment's definition, the PSY is the difference between average total pumping and the calculated deficit (surplus). The RMBM will provide a new calculation that may or may not differ from Watermaster's current evaluation of PSY for Alto (62,005 acre-feet). Until then, the PSY for Alto is considered reliable, is based on sound data and scientific analysis, is supported by the calibrated UMRBM, and is more likely than not true.

Calculated Surface and Subsurface Outflow

As mentioned above, the TZ water balance is used to estimate the long-term average annual outflow from Alto to Centro (near the Helendale Fault). Based on the above data and analysis, the calculation is reliable and more likely than not true. The TZ water balance calculation adjusts the measured streamflow at the Lower Narrows gage, and accounts for VVWRA discharges and consumptive uses within the TZ, resulting in the calculated outflow at Helendale Fault, using the following equation:

$$\text{Flow at Helendale Fault} = \text{USGS Gage Lower Narrows} - \text{Consumptive Use} - \text{Riparian Habitat} - \text{Subsurface Outflow} + \text{Subsurface Inflow} + \text{VVWRA} + \text{Ungaged Inflows} \pm \Delta S_{TZ}$$

Watermaster monitors water levels within the TZ, and at and near the Helendale Fault, including water levels downgradient of the Fault to help determine the average annual outflow. This is consistent with the Court's Amended Statement of Decision, Section F, paragraph 2. as follows:

“The transition zone has a fairly stable water level. It is necessary to maintain that water level so that the surface flows passing the Lower Narrows and the subsurface inflow into the transition zone will reach the Helendale Fault, and hence downstream areas; **the flows at the Helendale Fault will in the future be measured using monitoring wells to insure that water levels are maintained within the transition zone.**”

Excerpt from the Court’s Amended Statement of Decision is included in **Exhibit 7**.

Declining pumping within the TZ over time and consistent average water supply has resulted in the water levels stability in the TZ as acknowledged by the Amended Statement of Decision. This demonstrates that the TZ is functioning to pass to the Centro Subarea total flow less consumptive uses, and that this conclusion (based upon the reliable data noted herein) is more likely than not true.

The reliability of the estimate of long-term average annual surface water outflow at the Helendale Fault can be shown by the consistency over time of the estimates by numerous investigators as indicated below:

DWR Bulletin 84 (1967) 1936-1961	35,200 acre-feet
Judgment After Trial (1996) 1931-1990	37,300 acre-feet
USGS Stamos (2001) 1951- 1999	35,819 acre-feet
Webb Associates (2000) 1931-1990	36,700 acre-feet
Watermaster 2024	36,725 acre-feet

Watermaster’s current estimate is consistent with previous researchers’ who estimated flow at the Helendale Fault for various time periods and under different land use conditions. Watermaster’s most recent estimate is 36,725 acre-feet (as calculated based on the above equation) and is consistent with the previous investigations noted above. The consistency is the result of stable long-term average water supply to the TZ, and the reduction in pumping and consumptive uses. The Judgment does not mandate that Centro Subarea’s producers receive this quantity of water each year.

With respect to the Alto subarea, Watermaster does not have significant new information to warrant re-evaluation of PSY for Alto. The Transition Zone is within Alto and does not have a separate PSY calculation. Further, once the RMBM is complete, the model will be used to calculate the outflow at the Helendale Fault. If the modeled PSY value differs from the current estimate of PSY, Watermaster will re-evaluate the sufficiency of the PSY determination. Consequently, based on the information presently available, the Alto PSY should remain at the level proposed for 2024 of 62,005 acre-feet. Based upon the aforesaid data and information currently available to Watermaster, the proposed PSY for Alto is more likely than not to be the appropriate PSY for Alto.

PSY for Centro Subarea

The PSY calculation is based on inflow across the Helendale Fault, which as discussed is considered reliable and more likely than not true. Pumping data from Centro is either metered or established by pump test and electrical records (see **Exhibit 6**). The pumping data is considered reliable and more likely than not true.

Outflow from Centro is calculated (for the 2024 update) by adding Barstow WWTP discharges to the USGS stream flow measurements at the Barstow gage. Stream flow at Barstow is highly variable and episodic; storms are infrequent. The stream gage at Barstow has a long record but the measurement quality for several years has been noted by the USGS as “poor”, some years are noted as “fair”, and some other years the records are “fair” only above a specific flow value, but “poor” below it; however, the USGS continues to measure the gage and publish its results. Field measurements by the USGS indicate that some of the recent records are “poor” (for example in Water Years 2006, and 2008 through 2011).

The boundary between Centro and Baja is at the Waterman Fault, about 5 miles downstream from the Barstow gage. The surface water outflow from Centro to Baja can be determined by the RMBM once it is finalized. Other sources of inflow to Centro, including the ungaged inflow from washes and mountain front recharge, will also be determined by use of the expanded model. The best data available was used to estimate the Centro PSY of 31,420 acre-feet for 2024 and based on that analysis, it is more likely than not true. In summary, this data includes water levels in the TZ and in the Centro Subarea, verified pumping, calculated flow across the Helendale Fault, surface water gaged flow at Barstow, and treated wastewater discharges by the City of Barstow’s Wastewater Treatment Plant, which are explained in further detail in **Exhibit 2** and is incorporated herein by this reference.

Geophysics investigations by Mojave Water Agency (MWA) indicate that there might be a subsurface groundwater flow gradient from the Helendale Fault area into Centro, to the northwest side of Iron Mountain in the direction of Harper Dry Lake.

While the geophysics results show that this might be true, it is not a changed condition from prior to entry of the Judgment. The geologic condition existed in the past as it exists in the present. USGS, Hardt, 1971, drew water level contours for 1930 indicating movement of groundwater across the Helendale Fault and to the west of Iron Mountain toward Harper Lake. Stamos (2001) also showed groundwater contours indicating direction of flow toward Harper Lake.

The surface water flow, as shown by USGS Hardt (1971), Lines (1995), Stamos, (2001), follows the direction of the Mojave River from the area near the Helendale Fault to Barstow. If there is a groundwater gradient toward Harper Lake and a portion of the groundwater moves in that direction, **that does not change the PSY for the Centro Subarea because Harper Lake is**

part of Centro. The expanded RMBM will include modeling of the portion of the groundwater flow into Harper Lake.

PSY Update for Baja

Watermaster presented an update of the PSY for the Baja Subarea in 2024. No additional data exists at this time that would support another evaluation of Baja PSY. There is no gaged inflow to Baja (the boundary is at the Waterman Fault which is ungaged), outflow is gaged at Afton several miles downstream of the Baja boundary. The only reliable data available is pumping data and water level measurements. This data was used to estimate the Baja PSY for 2024 and based on that analysis, it is more likely than not true. Watermaster presented the changes that have occurred in pumping in Baja over the past several years, as well as a graphical interpretation of water levels within Baja. While water levels are significantly lower than in the past, many of the wells, particularly in areas of reduced pumping are changing slope, and have stabilized or have risen. Hydrographs showing this behavior are provided in **Exhibit 8**.

The RMBM is considered the best tool for evaluating PSY for Baja; once it is calibrated, the RMBM will be used to re-evaluate the PSY for Baja. At present, Watermaster does not know the PSY in Baja with a reasonable degree of certainty. However, we know that as pumping has significantly declined, water levels are recovering. For example, verified pumping in Baja for the last five years, including production by Minimal Producers is summarized as follows:

Water Year	Pumping
2019-20	20,905
2020-21	15,095
2021-22	12,749
2022-23	11,419
2023-24	10,740

This dramatic decline in pumping within the last five years leads Watermaster to conclude that the PSY for Baja of 12,749 acre-feet will not result in continued long-term decline in groundwater storage. The current level of pumping is more likely than not to be close to the sustainable pumping amount. The July 2024 Court Order indicated that the evidentiary basis for the Baja PSY to be 12,749 acre-feet for Water Year 2024-2025 is unclear. The Court Order stated that “the PSY for Baja is 14,544 if based on water years 1931-1990, and 10,866 if based on water years 2001-2020.”

The elements of water supply use and disposal for the Baja Subarea are insufficiently known to make a new recommendation for PSY in Baja. For the Baja evaluation for 2024 that was submitted to the Court, we evaluated the PSY for Baja by different methods due to the limited water supply data available. In one evaluation we used the long-term average water supply for the period of 1931-1990 and consumptive uses for Water Year 2021-2022, and compared that result to the PSY evaluation using the average water supply for the new hydrologic base period of 2001-

2020 and consumptive uses for the Water Year 2021-2022. In the PSY determination for Baja, we also evaluated the change in water level behavior to pumping.

In Baja as in other subareas, the best available data, and the only reliable data we have is water level measurements and pumping data. As explained earlier herein, the quality of streamflow data as measured by the USGS gage at Barstow, located about 5 miles upstream from the Baja boundary has been rated by the USGS as “poor” during several years, and some years were only “fair”. All other data is either estimated, modeled, or assumed based on prior studies. However, the most important data, pumping and water level measurements, are also the most reliable data which are considered more likely than not true.

The long period of water level decline(s) in Baja appears to have abated beginning about 2019, corresponding to reduced pumping (see **Exhibits 3 and 8**). For the 2024 PSY update for Baja, our interpretation using the most important and reliable data is that at a given level of pumping, water levels appear to stabilize. The stabilization in the water levels is a process that will manifest over time as pumping either continues to fall or does not increase. The indication is that the pumping yield in Baja under these conditions is about 12,749 acre-feet. In the 2024 PSY update for Baja, the two time periods investigated, produced two values of PSY (with limited actual data, other than pumping and water levels), the average of these two values is 12,705 acre-feet. Consequently, we concluded that the recent pumping of 12,749 acre-feet is the best representation of the PSY in Baja, under the recent cultural conditions.

The RMBM when available will provide a better estimate of surface inflow, subsurface inflow, mountain front recharge, and recharge from ephemeral streams. As the model is calibrated to water levels, the supply to the Baja Subarea can be “modeled” to match water levels based on known pumping amounts. Consequently, at this time we have no additional information upon which to base a re-calculation of the PSY for Baja. The best information we have, and the most reliable, continues to be pumping and water levels and that leads us to conclude that the PSY for Baja proposed in 2024 is adequate until the RMBM is available.

Subsurface flows between subareas

The subsurface flow between subareas is part of the PSY calculation. According to the UMRBM, the subsurface inflow to Alto from Este and Oeste subareas during the 20-year calibration period from 2001 to 2020 are 1,466 acre-feet and 3,319 acre-feet, respectively. The Judgment provides an estimated subsurface flow of 200 acre-feet from Este to Alto and 800 acre-feet from Oeste to Alto.

The current estimate of subsurface flow from the TZ to Centro is 2,000 acre-feet per year as agreed to and estimated in the Judgment. Watermaster recently prepared updated estimates of the subsurface flows near the Helendale Fault (flow across the TZ to Centro boundary). These estimates indicate a range from 2,300 to 3,400 acre-feet per year. The average of this range, 2,650 acre-feet would increase the indicated supply to Centro (36,725 acre-feet) by about 2% and

likewise increase the indicated outflow from Alto by 2%. The RMBM will provide a new estimate for subsurface flow at the Helendale Fault. At this time, our recommendation is to continue to use 2,000 acre-feet per year as the subsurface outflow until the completed RMBM is available.

USGS, Stamos, 2001 estimated that the subsurface flow near the Waterman Fault from Centro to Baja is 1,462 acre-feet. The Judgment estimated it to be 1,200 acre-feet. **All updated subsurface estimates exceed the Judgment's average and minimum obligations for subsurface flow.**

Re-calculation of the PSY for Oeste

Watermaster indicated to the Court that the PSY for Oeste will be re-evaluated once additional information on the inflow to Oeste was received.

Watermaster estimated the inflow to Oeste using the UMRBM. MWA recently updated the subsurface flow estimates from Sheep Creek into Oeste to be about 536 acre-feet per year more than previously estimated. **Exhibit 9** shows the location of the geologic cross section designated E-E' where MWA's estimated additional subsurface flows accrue to Oeste.

Using the output from the UMRBM, the average change in storage in Oeste is negative 1,566 acre-feet per year for the 20-year period of 2001-2020. As explained above, recent estimates of subsurface inflow from Sheep Creek into Oeste indicate an additional 536 acre-feet per year. Accounting for this new information, the new deficit would be about negative 1,030 acre-feet per year (of loss in storage).

Average total production in Oeste for the 20-year period is 116 acre-feet for Minimal Producers and a total verified production of 4,201 acre-feet. Thus, average total pumping is 4,317 acre-feet for the 2001 to 2020 period. Under these conditions, **Watermaster's calculation of the PSY for Oeste is 3,287 acre-feet for the 20-year period from 2001 to 2020 (PSY is equal to total pumping less the deficit, i.e., 4,317 acre-feet minus 1,030 acre-feet = 3,287 acre-feet).**

The BAP in Oeste is 7,095 acre-feet (including Minimal Producers). Therefore, Watermaster's new estimate of FPA for Oeste is 46.3%.

We address the Court's criticism regarding the previous evaluation of Oeste PSY below.

In the Court's July 3, 2024 Order, the Court expressed its concern regarding the Watermaster's representations concerning Oeste. The Court referenced the Watermaster engineer's Declaration about the modeled loss in storage in Oeste of 1,588 acre-feet per year for the last 20 years. However, the loss in storage for the last five years is 822 acre-feet per year. The Court stated that "Both of those statements may be true, because the 20-year average could be 1,588 even though the 5-year average is only 822. But the Watermaster's failure to stick with a

consistent time period does not assist the Court in evaluating the evidence presented and does not enhance the Watermaster's credibility."

The time period that we used for evaluating water supply to Oeste was and is 2001-2020. During this period the graphical interpretation of water levels in Oeste, as well as reports of well performance by Phelan Pinion Hills CSD (which pumps at least 90% of the water in Oeste), indicates that water levels are relatively stable over a long period of time. Such stability would indicate that the subarea yield (PSY) would be about equal to the pumping during that time (20 years) or 4,317 acre-feet.

However, the model results indicated a storage deficit of 1,566 acre-feet¹ which is inconsistent with the observation of water level behavior. The model and the observation about change in storage cannot both be correct; there is a deficit (modeled) or there is no deficit (water level observed stability).

As an alternative to the findings from the UMRBM in 2024, we prepared an analysis of the Oeste water supply based on other available data and information. The evaluation titled "Oeste Subarea Water Supply Update" (February 28, 2024, Wagner and Peterson, 2024) can be found at page 7 at the link <https://www.mojavewater.org/wp-content/uploads/2024/02/Appendix-C-Oeste.pdf>. An excerpt from this evaluation is provided:

"Available data reviewed indicate that water supply to the subarea may be in the range of 2,000 to 3,000 AFY. In this range, water supply is roughly equal or somewhat below verified production. The historic declines in some wells suggest that some storage loss are occurring. Given the slow water level declines and historical rate of change in the subarea, it is more likely than not that pumping exceeds supply by a small, but unverified amount. Continued monitoring of conditions in the subarea will likely be needed to confirm a long-term rate of storage change. Based on the foregoing, and an assessment that water levels remain relatively unchanged over a long time period, the PSY for Oeste is more likely than not to be about equal to the pumping over that period of time. Given that the UMRBM indicates a deficit, in conflict with water levels appearing somewhat stable, and given that pumping and land use have changed significantly, the Engineer recommends basing PSY on the most recent years of pumping, the five year average of 3,634 acre-feet."

We note that pumping has been declining in Oeste since at least 1994, thereby significantly reducing the pumping stresses on the subarea. This would explain the relative stability in water levels over time (water levels will always be variable in the shorter term); 6,550 acre-feet of pumping in 1994 down to 3,047 acre-feet of pumping in 2020, is a decrease of 53%. It is important to note that there is no gaged inflow data, limited precipitation data, and no gaged outflow data.

¹ The Court's Order indicated a change in storage of 1,588 acre-feet for Oeste. The Upper Mojave Basin Model output indicates that the change in storage was 1,566 acre-feet for Oeste. The value reported by the court may have been reported by Watermaster incorrectly. In any event, the UMRBM showed a deficit of 1,566 acre-feet.

The only reliable measured data we have is water level(s) and pumping. We presented this analysis as an alternative and described it as a conservative approach because it produced a PSY value about **700 acre-feet** less than previously indicated using a 20-year pumping history. It is unlikely that the difference between the two interpretations is resolvable without substantially more data; data that as of now does not exist.

The UMRBM provides a valuable tool, however, for estimating inflows and outflows. To maintain consistency with use of the model for the 2024 PSY update and for future updates, we are proposing that the Court adopt the Oeste PSY of 3,287 acre-feet, which is the 20-year average pumping minus the 20-year calculated deficit. This results in an FPA at 46.3% of BAP.

Sufficiency of factual investigations conducted to quantify factors to be used in the calculations, and the reliability of assumptions or estimates that the Watermaster relies on when empirical data is not available to quantify factors

Alto Subarea (including the Transition Zone)

The factual investigations, bases and estimates for the Alto Subarea PSY calculation include the following:

1. **Surface Water Inflow at the Forks (Measured).** It is the 2001-2020 average surface water inflow to Alto, measured at the Mojave River Forks. The Forks is the addition of reported values from USGS gage stations at West Fork Mojave River near Hesperia, CA and Deep Creek near Hesperia, CA (see **Exhibit 1**). This measured USGS gage data is sufficient and provides the best available information regarding the surface water inflow to Alto, and is more likely than not true.
2. **Surface Water Inflow at the Lower Narrows (Measured).** Surface water is also measured by USGS at Lower Narrows, the south end of the TZ. For the PSY calculation, the surface water inflow is the 2001-2020 average gaged flow. This measured USGS gage data is sufficient and provides the best available information regarding the surface water inflow to Alto, and is more likely than not true.
3. **Groundwater Production (Measured).** It is the 2001-2020 average total verified production from Parties. Verified production is mostly metered (see **Exhibit 6**), which is more likely than not true.
4. **Subsurface Inflow (Modeled) to the basin area.** Mountain front recharge, ungaged subsurface inflow (from Oeste and Este subareas) and deep percolation from precipitation. All these values were developed by the UMRBM. This modeled subsurface flow provides the best available information regarding subsurface inflow and deep percolation from precipitation; it is more likely than not true.
5. **Surface Water Outflow to Centro (Calculated).** Calculated based on reported flows from the USGS gage at the Lower Narrows, discharge records by VVWRA, pumping records, and estimates of consumptive use. This value is determined by the Transition Zone water balance (discussed below). For the reasons explained above, the investigation of the surface

water outflow to Centro is adequate and the calculated surface water outflow to Centro is more likely than not true because it is based upon: measured surface flow data at the USGS gage at the Lower Narrows (south end of the Transition Zone); and the TZ water balance, which itself is based on measured inflow from VVWRA, measured pumping, reasonably estimated consumptive use and return flow, and most importantly the verified stable water levels maintained throughout the TZ.

6. **Subsurface Outflow to Centro (Calculated).** Calculated by the Judgment and will be computed by the RMBM. The value has also been calculated by Watermaster in 2006, 2019 and more recently in April of 2025. **Exhibit 10** provides Watermaster's 2025 Update on Subsurface Flows at and near the Helendale Fault. As explained above, the studies performed of subsurface flow are adequate and confirm that actual subsurface flow exceeds the Judgment's estimated subsurface flow.
7. **Consumptive uses from Pumping (Calculated).** Consumptive use is the portion of water production that is permanently removed from the water supply system. Consumptive use corresponds to the evapotranspiration and evaporation of water applied to beneficial uses. For the PSY calculation, it is the consumptive use from the UMRBM, and calculated as follows:
 - a. Agriculture: The total consumptive use for an agricultural crop is determined using the evapotranspiration rates of applied water and the irrigated acreages. The difference between the potential consumptive use and the applied water (pumping) corresponds to return flow to the system.
 - b. Urban: Consumptive use of municipal production is determined by separating indoor use from outdoor use. For the purposes of this analysis, indoor domestic use is assumed to be entirely return flow and outdoor use is considered to be entirely consumed. Indoor consumptive use is difficult to measure, and whether water is discharged to sewer or septic, it is assumed to be returned to the system as return flow.

The investigation and estimates of consumptive uses from pumping relating to the urban and agricultural uses described above utilize accepted methodologies for accurately estimating consumptive uses from groundwater pumping and, accordingly, are more likely than not true.

8. **Consumptive uses from Phreatophytes (Calculated).** Water use (evapotranspiration) from riparian vegetation along the Mojave River is water being used by the plant community for growth. Watermaster values for the PSY calculation derive from USGS Water-Resources Investigation Report 96-4241 "Riparian Vegetation and Its Water Use During 1995 Along the Mojave River, Southern California" by Lines and Bilhorn (1996). This authoritative resource is recognized as providing reliable information for estimating phreatophyte water uses, and is more likely than not true. Watermaster continues to work closely with the California Department of Fish & Wildlife to further refine these estimates.

Transition Zone

The factual investigations, bases and estimates for the Transition Zone water balance calculation include the following:

1. **Stability of the groundwater levels (Measured).** Water levels in the TZ are monitored by MWA. Watermaster relies on the observed stability of the long-term water levels to prepare a water balance calculation for the TZ. This water balance is used to compute estimates of the outflow into the Centro Subarea. There is no reason to doubt the accuracy of the measured water levels in MWA's monitoring wells, and they are more likely than not true.
2. **Groundwater pumping (Measured).** It is 2001-2020 average verified production from Parties. Verified production is mostly metered (see **Exhibit 6**), which is more likely than not true.
3. **Treated wastewater discharge by VVWRA (Measured).** Treated wastewater discharge into the TZ is measured by VVWRA. This data, measured and reported by VVWRA, is adequate and more likely than not true.
4. **Surface Water Inflow (Measured).** Surface inflow to the TZ is the average flow measured by the USGS gage at the Lower Narrows. As noted, this data measured and reported by USGS is adequate and more likely than not true.
5. **Subsurface Inflow (Calculated).** The Judgment deemed subsurface inflow to the TZ to be 2,000 acre-feet per year. The Parties agreed for the purposes of the Makeup Obligation calculation (see Table 4-2 of Watermaster Annual Reports) to 2,000 acre-feet of subsurface inflow. For the 2024 PSY Update for Alto (including TZ), the UMRBM was used to estimate subsurface inflow to the TZ.
6. **Surface Water Outflow (Calculated).** Surface water outflow from the TZ into the Centro Subarea is calculated by the Watermaster as reported herein. As explained, the investigation of surface water outflow to Centro is adequate because it is based on the USGS measured surface inflow at the Lower Narrows, the measured VVWRA discharge into the TZ, measured TZ pumping data, reasonable estimates of consumptive use and return flow, and verified stable water levels in the TZ; and, therefore, is more likely than not true.
7. **Subsurface Outflow (Calculated).** Subsurface outflow from the TZ into Centro Subarea is defined by the Judgment and adopted by the Parties. Measured water levels show a long-term stability behavior. As explained by the Court's Amended Statement of Decision, the stability in the water levels within the TZ ensures that subsurface inflows into the TZ reach and cross the Helendale Fault into Centro. Watermaster's recent investigation of subsurface flow across the TZ into Centro, explained earlier herein and provided in **Exhibit 10**, are more likely than not true.
8. **Consumptive uses from Pumping (Calculated).** Consumptive uses in the TZ are calculated for the purposes of the PSY calculation for Alto, and it is the consumptive use from the UMRBM, calculated as follows:
 - a. Agriculture: The total consumptive use for an agricultural crop is determined using the evapotranspiration rates of applied water and the irrigated acreages. The

difference between the potential consumptive use and the applied water (pumping) corresponds to return flow to the system.

- b. Urban: Consumptive use of municipal production is determined by separating indoor use from outdoor use. For the purposes of this analysis, indoor domestic use is assumed to be entirely return flow and outdoor use is considered to be entirely consumed. Indoor consumptive use is difficult to measure, and whether water is discharged to sewer or septic, it is assumed to be returned to the system as return flow.

The investigation and estimates of consumptive uses from pumping relating to the urban and agricultural uses described above utilize accepted methodologies for accurately estimating consumptive uses from groundwater pumping and, accordingly, are more likely than not true.

9. **Consumptive uses from Phreatophytes (Calculated).** Water use (evapotranspiration) from riparian vegetation along the Mojave River is water being used by the plant community for growth. Watermaster values for the PSY calculation derive from USGS Water-Resources Investigation Report 96-4241 “Riparian Vegetation and Its Water Use During 1995 Along the Mojave River, Southern California” by Lines and Bilhorn (1996). This authoritative resource is recognized as providing reliable information for estimating phreatophyte water uses, and is more likely than not true. Watermaster continues to work closely with the California Department of Fish & Wildlife to further refine these estimates.

Centro Subarea

The factual investigations, bases and estimates for the Centro Subarea PSY calculation include the following:

1. **Surface Water Inflow (Calculated).** Surface water inflow to the Centro Subarea is considered to be the outflow from the Alto Subarea. For the PSY calculation for Centro, it is the 2001-2020 average surface water inflow. As explained herein, the investigation of surface water inflow to Centro is adequate because it is based on the USGS measured surface inflow at the Lower Narrows, the measured VVWRA discharge into the TZ, measured TZ pumping data, reasonable estimates of consumptive use and return flow, and the measured stable water levels in monitored wells within the TZ and near the Helendale Fault. Therefore, the calculated surface water inflow to Centro is more likely than not true.
2. **Groundwater pumping (Measured).** It is the Water Year 2021-2022 total verified production from Parties. Verified production is mostly metered (see **Exhibit 6**), which is more likely than not true.
3. **Groundwater levels (Measured).** Water levels in the Centro Subarea are monitored by MWA. Watermaster relies on the small changes in observed water levels upstream of the Waterman Fault over time to estimate surface and subsurface outflow into the Baja Subarea. There is no reason to doubt the accuracy of the measured water levels in MWA’s monitoring wells, and they are more likely than not true.

4. **Surface Water Outflow (Measured and calculated).** Surface water outflow from Centro into Baja is the average flows (2001-2020) reported by the USGS gage station at Barstow plus the discharge of wastewater treated by the City of Barstow, Barstow Wastewater Treatment Plant. This discharge is measured by the City of Barstow as required by its Waste Discharge Requirements. The measured USGS gage data and measured treated wastewater discharges are sufficient and provide the best available information regarding the surface water outflow to Baja, and are more likely than not true. The subarea boundary between Centro and Baja is the Waterman Fault, located several miles downstream of the Barstow gage and downstream of the Barstow wastewater discharge. However, Watermaster considered that the change in groundwater storage is small in the area upstream of the Watermaster Fault based on the limited change in water levels registered over time (see Centro hydrographs). This assumption is based on observed measured water levels and thus it is adequate and more likely than not true.
5. **Subsurface Inflow (Calculated).** Subsurface water inflow to Centro is the subsurface outflow from Alto. Subsurface outflow from Alto into Centro Subarea of 2,000 acre-feet per year is defined by the Judgment, adopted by the Parties, and at least this amount has been confirmed by the Watermaster. Measured water levels in the TZ show a long-term stability behavior. As noted, Watermaster studies have demonstrated that the actual quantity of subsurface flow exceeds the Judgment's estimate.
6. **Subsurface Outflow (Calculated).** Subsurface flow from Centro to Baja is defined by the Judgment and adopted by the Parties. USGS, Stamos, 2001 estimated that the subsurface flow near the Waterman Fault from Centro to Baja is 1,462 acre-feet. The value was also calculated and confirmed by Watermaster in 2006. Once the RMBM is complete, new information about the subsurface flow from Centro to Baja will be available. Therefore, at this time, the USGS information is adequate and more likely than not true.
9. **Consumptive uses from Pumping (Calculated).** For the PSY calculation, it is the Water Year 2021-2022 consumptive use, is calculated by Watermaster as follows:
 - a. Agriculture: The total consumptive use for an agricultural crop is determined using the evapotranspiration rates of applied water and the irrigated acreages. The difference between the potential consumptive use and the applied water (pumping) corresponds to return flow to the system.
 - b. Urban: Consumptive use of municipal production is determined by separating indoor use from outdoor use. For the purposes of this analysis, indoor domestic use is assumed to be entirely return flow and outdoor use is considered to be entirely consumed. Indoor consumptive use is difficult to measure, and whether water is discharged to sewer or septic, it is assumed to be returned to the system as return flow.

The investigation and estimates of consumptive uses from pumping relating to the urban and agricultural uses described above utilize accepted methodologies for accurately estimating consumptive uses from groundwater pumping and, accordingly, are more likely than not true.

7. **Consumptive uses from Phreatophytes (Calculated).** Water use (evapotranspiration) from riparian vegetation along the Mojave River is water being used by the plant

community for growth. Watermaster values for the PSY calculation derive from USGS Water-Resources Investigation Report 96-4241 “Riparian Vegetation and Its Water Use During 1995 Along the Mojave River, Southern California” by Lines and Bilhorn (1996). This authoritative resource is recognized as providing reliable information for estimating phreatophyte water uses, and is more likely than not true. Watermaster continues to work closely with the California Department of Fish & Wildlife to further refine these estimates.

Future model scenario projections

The Judgment is intended as a funding mechanism so that those that pump more than their FPA will be required to purchase Replacement Water from Watermaster for recharge in a given subarea. To illustrate the effect of importing water to the Mojave Basin Area and recharging within the Mojave River, the calibrated UMRBM model was run for a 20-year future scenario to Water Year 2040. It was assumed that the hydrology of the 2001-2020 period would repeat for 20 years. The UMRBM evaluated the impact of importing 17,500 acre-feet every year, delivered to the Mojave River MWA’s the Deep Creek release site (the amount to offset the Alto deficit, 17,495 acre-feet). The model results indicate that the projected annual flow at the Lower Narrows would *increase* by an average of 9,000 acre-feet per year. This means that compared to the 20 years without recharge, there would be an average of 9,000 acre-feet more flow at Lower Narrows. This outcome demonstrates how the Judgment is intended to work. More water recharged upstream results in more water flowing downstream.

The total amount of Replacement Obligation in Alto for Water Year 2023-2024 is 24,910 acre-feet. 12,685 acre-feet of the obligation was satisfied by transfers and the remainder 12,225 will be provided by MWA pursuant to the Judgment. Importantly, MWA estimates that Carryover FPA, and Transferable FPA will be entirely accounted for in 3 to 5 years, meaning that from that time forward any Alto deficit based on PSY and corresponding FPA will be required to be purchased and imported as supplemental water, subject to the terms of the Judgment.

The updated Regional Mojave Basin Model (RMBM)

The UMRBM is being expanded and is expected to be used for the next Watermaster cycle for determining PSY is Alto, Centro, Oeste and Baja. The RMBM will include the TZ and will therefore calculate directly the outflow at the Helendale Fault. The calculated flow at the Helendale Fault will be used as the surface water inflow to Centro through the Transition Zone, and subsurface flow into Centro from the TZ. The modeled flow at Helendale will be an important factor in determining the PSY for Alto, and for Centro. Watermaster’s current calculation of the surface outflow to Centro (average flow of 36,725 acre-feet) while consistent with previous investigations, DWR 1967, USGS, 2001, Webb Associates, 2000, Exhibit C, Table C-1 of the Judgment, will be tested by the model’s independent calculation.

Conclusion

Until the RMBM is finalized, Watermaster recommends the PSY remain the same for Alto, Centro and Baja subareas as set by the Court in 2024. Except for the Oeste Subarea, the PSY calculations do not change from the 2024 PSY update because the hydrologic base period has not changed, and the cultural conditions observed in Water Year 2021-2022 are similar to the 20-year base period (2001-2020), showing a difference of only about 2.5%.

The data and assumptions used for the Alto Subarea PSY and the Transition Zone water balance are reliable and more likely than not true. The PSY for Alto will be updated using the expanded model RMBM.

The estimates and assumptions used for the Centro Subarea PSY of 31,420 acre-feet are reliable for the purposes of the 2024 PSY update and are more likely than not true, and will be updated with the new information provided by the RMBM.

For the Baja Subarea, the PSY calculation is based on the best available information and more likely than not true, but more analysis is needed to establish the reliability of the PSY determination. There is no additional data available, and the best tool for updating PSY in Baja is the RMBM, when it is available.

For the Oeste Subarea, the UMRBM is adequate for the determination of PSY and based on new information on subsurface inflow, Watermaster recommends the Oeste PSY should be updated to 3,287 acre-feet, and an FPA at 46.3% of BAP.

All of the foregoing demonstrates the reliability of the assumptions or estimates and the sufficiency of the factors used in the PSY calculations, based upon currently available data. When the RMBM is finalized, the results of the model will further inform Watermaster about the modeled PSY values. Watermaster will then adopt those PSY values.

Enclosures:

Exhibit 1 Mojave River Flow at the Forks

Exhibit 2 Alto & Centro Subarea Water Supply Update

Exhibit 3 Historic Production and Consumptive Use

Exhibit 4 Lower Narrows + VVWRA hydrograph

Exhibit 5 Hydrographs showing historical production in the TZ

Exhibit 6 Methods for Measuring Production

Exhibit 7 Section F, paragraph 2 of the Court's Amended Statement of Decision

Exhibit 8 Baja Hydrographs

Exhibit 9 Geologic cross section E-E' and MWA estimate of additional subsurface flow into Oeste.

Exhibit 10 Watermaster's 2025 Update on Subsurface Flows at the Alto-Centro Boundary

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THIRTY-FIRST ANNUAL REPORT

OF THE

MOJAVE BASIN AREA WATERMASTER

WATER YEAR 2023-24

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

JUNE 1, 2025

**THIRTY-FIRST ANNUAL REPORT OF THE
MOJAVE BASIN AREA WATERMASTER
FOR WATER YEAR 2023-2024**

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CHAPTER 1

INTRODUCTION

This is the Thirty-First Annual Report of the Mojave Basin Area Watermaster to the Riverside County Superior Court pursuant to the Stipulated Judgment in City of Barstow, et al., vs. City of Adelanto, et al. and related cross-complaints, which were consolidated into Case No. CIV208568. The Stipulated Judgment addresses water supply shortages in the Mojave Basin Area through the creation of a Physical Solution based upon the allocation of responsibility for correction of annual overdraft and for maintaining historical average annual flows between Subareas.

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

Scope of Report

This Report summarizes most of the information required by the Stipulated Judgment and includes a summary of the Watermaster activities and water supply conditions for Water Year 2023-24. Appendix L to this report consists of a detailed accounting of surface water and groundwater production for Water Year 2023-24. 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 2025-26: Chapter 6
- j. Transfers of Base Annual Production Rights: Appendix E, K & L (Table 8)

- k. Transfers of Free Production Allowance during 2023-24: 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 2025-26: Chapter 6
- q. Projected Replacement and Makeup Water Assessment Rates for 2024-25 and 2025-26: Chapter 6
- r. Status of Subarea Obligations: Chapter 4
- s. Biological Trust Fund Financial Report: Chapter 6
- t. Auditor's Report: Appendix G

History of Litigation

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

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

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

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

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

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

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

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

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

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

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

Summary of the Judgment

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

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

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

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

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

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

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

The Physical Solution

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CHAPTER 2

SUMMARY OF WATERMASTER ACTIVITIES

During Water Year 2023-24, the Mojave Basin Area Watermaster consisted of Jesse Ramirez, Kathy Hoffman, Kimberly Cox, Mike Page, and Rick Roelle. Marina West and Michael Limbaugh served as Chairperson and Vice Chairperson respectively. Adnan Anabtawi served as Executive Officer, La Trici Jones as Secretary and Karry LaClair as Treasurer.

The first Watermaster meeting of the 2023-24 Water Year was held on October 25, 2023 and six additional meetings were held throughout the year. Copies of the minutes of the meetings as well as other official records are maintained and available at the office of the Watermaster, which is located at 13846 Conference Center Drive, Apple Valley, CA 92307.

As required by the Judgment, the Watermaster prepared the Thirtieth Annual Report of the Mojave Basin Area Watermaster for Water Year 2022-23, which was published under the date May 1, 2024.

Watermaster adopted recommendations for FPA for Water Year 2024-25 as indicated in Watermaster's Thirtieth Annual Report to the Court. The Court subsequently adopted Watermaster's recommendation for the Este Subarea but modified the recommendations for Oeste, Baja, Alto and Centro. The modifications are included in the Court's Order dated July 3, 2024.

Actions taken by the Watermaster during the year included acceptance of the Report on Audit for Fiscal Year 2022-23, approval of the Administrative Budget for Water Year 2024-25, and approval of Replacement, Makeup, Administrative and Biological Assessment Rates for Water Year 2024-25. The Administrative Budget and Assessment Rates for 2024-5 were adopted and are summarized on Table 2-1.

Transfers

There were 160 transfers of FPA and Carryover FPA during the year. These transfers are reported in Appendix E. There were 20 transfers of BAP. Transfers of BAP are reported in Appendix E, K & L (Table 8). Any additional transfers of unused 2023-24 FPA that may take place prior to June 1, 2025 will be reported in Appendix E of the Watermaster's Annual Report for 2024-25.

Rules and Regulations

The Rules and Regulations that were adopted by Watermaster June 30, 1994 and revised December 11, 1996, March 23, 2005, October 29, 2008 and January 22, 2025 remain in effect.

Biological Resources Trust Fund

The Biological Resources Assessment Rate for 2023-24 was \$1.11 per acre-foot. Expenditures from the Biological Resources Trust Fund during the year for DFW projects totaled \$125,655.34. The Biological Resources Assessment Rate for 2024-25 increased to \$1.21 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 2024-25**

ADMINISTRATIVE BUDGET

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

ASSESSMENT RATES

1. Administrative
\$5.65/acre-foot of Production
2. Biological
\$1.21/acre-foot of Production
3. Replacement and Makeup Water
2023-24 \$565.00 /acre-foot¹
(6/1/25 Invoice Date)
2024-25 “Not to exceed” \$624.00 /acre-foot²
(6/1/26 Invoice Date)

^{1.} The rate adopted for Water Year 2023-24 was adopted by the Mojave Water Agency on January 23, 2025 pursuant to Resolution No. 1170-25 in accordance with the changes to the Watermaster Rules and Regulations adopted October 29, 2008.

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

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 2024.

The Subarea Advisory Committees during the 2023-2024 Water Year were made up as follows:

ALTO SUBAREA

Bobby Boytor
Mojave Resource Management LLC
Catalina Elias
CalPortland Company
Craig Carlson
Helendale Community Services District
Tina Souza
Hesperia Water District
Joseph Trombino
Spring Valley Lake Country Club
California Department of Fish & Wildlife **

BAJA SUBAREA

Jeff Gaastra
Newberry Springs Recreational Lake
Association
Tim Rohm
Lake Wainani Owners Association
Ken McKenny
Lake Wainani Owners Association
--Vacant Seat--
--Vacant Seat--
California Department of Fish & Wildlife **

CENTRO SUBAREA

Bobby Boytor
Mojave Resource Management LLC
Craig Carlson
Helendale Community Services District
Paul Johnson
--Vacant Seat--
--Vacant Seat--

ESTE SUBAREA

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

OESTE SUBAREA

Chuck Hays
Peter Barnes
Phelan Piñon Hills Community Services
District
--Vacant Seat--
--Vacant Seat--

* Chairperson

** Ex-officio Member

Water Production and Verification

In order to document water usage and to determine each Producer's Replacement Water and Makeup Water Obligations, the Judgment provides for the collection, analysis and verification of annual water production by Producers within each of the five Subareas beginning with Water Year 1993-94. All Producers are required to file quarterly statements (or as otherwise specified in the Rules and Regulations) of production. Verification of production for Water Year 2023-24 was conducted by the Watermaster staff and included verification of all parties to the Judgment. The verified production of all parties for Water Year 2023-24 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 28, 2024. 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. MWA's Petition to coordinate the Riverside Superior Court litigation with the San Bernardino Superior Court litigation was granted on February 17, 2023. This allows all matters to 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 2023-24 Water Year.

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

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

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

Related MWA Activities

In April of 2022, the MWA authorized the development of policy to guide decisions for importation of supplemental water supply into the basin area for management purposes. The policy was adopted in August 2023. Funding for water purchases was included in MWA's budget for 2023-24. In continuation of the calendar year 2023 deliveries, 21,533 acre-feet of imported water was delivered between October and December 2023 for additional water supply storage in the basin area.

Geotechnical and geohydrology investigations in the upper Alto, Oeste and western Este Subareas continued, these will provide better information and data to use in determining the best locations for future off-river recharge basins. Demonstration groundwater recharge facilities in the upper Alto, Oeste and Este Subareas have been developed on sites owned by MWA. In 2020 MWA recharged 15 acre-feet of water into the Este Subarea during the demonstration. Grant funding was obtained in 2022 to build a larger more permanent recharge site in the Este Subarea. However, geotechnical investigations in 2024 showed that this site was not suitable for recharge and the grant funding is being amended to the East-Ames Reche site since it is within the same Colorado funding area. Two monitoring wells were installed in the west Victorville area to help characterize the subsurface geology and provide permanent high-quality groundwater monitoring data points, two similar wells were installed in Oeste. In late 2023, MWA approved a consulting contract to design a pilot basin in Oeste on a 10-acre parcel owned by the Agency. CEQA has been completed and staff is currently working with the consultant to finalize the design and obtain the necessary permits. The Agency's groundwater model for the Upper Mojave Basin (UMBM) was completed as part of these ongoing investigations. The UMBM has been expanded through the Transition Zone and into the Centro Subarea. The Regional Mojave Basin Model (RMBM) work will continue through 2024-25.

MWA purchased 10 new weather stations in 2022 to be installed throughout its service area and also funded USGS to install 2 new stream gaging locations along the Mojave River at Hodge in the Centro Subarea and at Daggett in the Baja Subarea. Two additional stream gages were funded by MWA during 2024. The USGS stream gage at Cushenbury Canyon near Lucerne Valley in the Este Subarea was re-activated and a stream gage was installed at Sheep Creek in the Oeste Subarea. These new gages and stations will greatly augment MWA's already extensive network for monitoring of natural supply for basin management purposes.

MWA is undergoing a master planning process to guide future decisions for growth and development and to maximize the efficiency of regional resources. The plan will assess existing facilities and local planning documents, develop master planning objectives for projects and purchases, analyze MWA's water supply portfolio, and evaluate for risk mitigation. The Master Plan work began in March 2023 and will be a multi-year study. MWA Board of Directors directed staff to work with the retail water purveyors in MWA's service area to create a Regional Urban Water Management Plan (RUWMP) and anticipates submitting the RUWMP in June 2026.

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

The Regional, Recharge and Recovery Project (R3) was constructed by MWA as a basin management tool that could be used to help manage where water is recharged and pumped in the Alto Subarea in order to help alleviate basin pumping stresses. MWA maintains three Mojave River recharge sites in the upper Alto Subarea, all upstream of the six R3 Wells that were constructed for the project. Water from the R3 project is pumped on behalf of a stipulating party, as requested, and is subject to the same rules and assessments under the Judgment. Watermaster reports the amount of R3 water delivered to specific stipulating parties in Appendix B. The total amount of deliveries for the 2023-24 Water Year was 4,965 acre-feet. Operational water associated with this project is the responsibility of MWA and is also shown on Appendix B. In June of 2021 the Adelanto R3 extension was completed and became operational in late 2021, providing for water deliveries farther west in the Alto Subarea.

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

In April 2022, the MWA adopted Ordinance No. 14 for the administration of minimal producer wells permitted on or after July 1, 2022. This Ordinance requires that those with approved permits on or after July 1, 2022 pay for one acre-foot of water to replenish the basin area. Additionally, the Ordinance provides that minimal producers production shall be confined to the parcel on which the water production facility exists, that sale or transfer of pumped water off the property or parcel is prohibited and such minimal producer's status would move to the new owner on any sale or alienation of the property or parcel. The program has been established and billing for water replacement began in July 2023 pursuant to this Ordinance.

The MWA entered into a Memorandum of Understanding with the Mojave Desert Resource Conservation District (MDRCD) for the removal of invasive, non-native plants along the Mojave River riparian corridor. The invasive plants, primarily tamarisk, displace native riparian plants species, increase the risk for flooding and fire hazard and use disproportionate quantities of groundwater within the Mojave River floodplain aquifer. About 15,000 acres have been canvassed for invasive plant species along the Mojave River riparian corridor and approximately 1,815 weed acres have been removed and treated. MWA contributed \$20,000 in 2022-23, which focused on retreatment and monitoring in the previously treated areas. Department of Fish and Wildlife contributed \$40,000 in 2022-23 and another \$25,000 in 2023-24 to the project for removal and retreatment in the Exhibit H areas identified in the Judgment in the Alto and Baja Subareas.

CHAPTER 3

WATER SUPPLY CONDITIONS

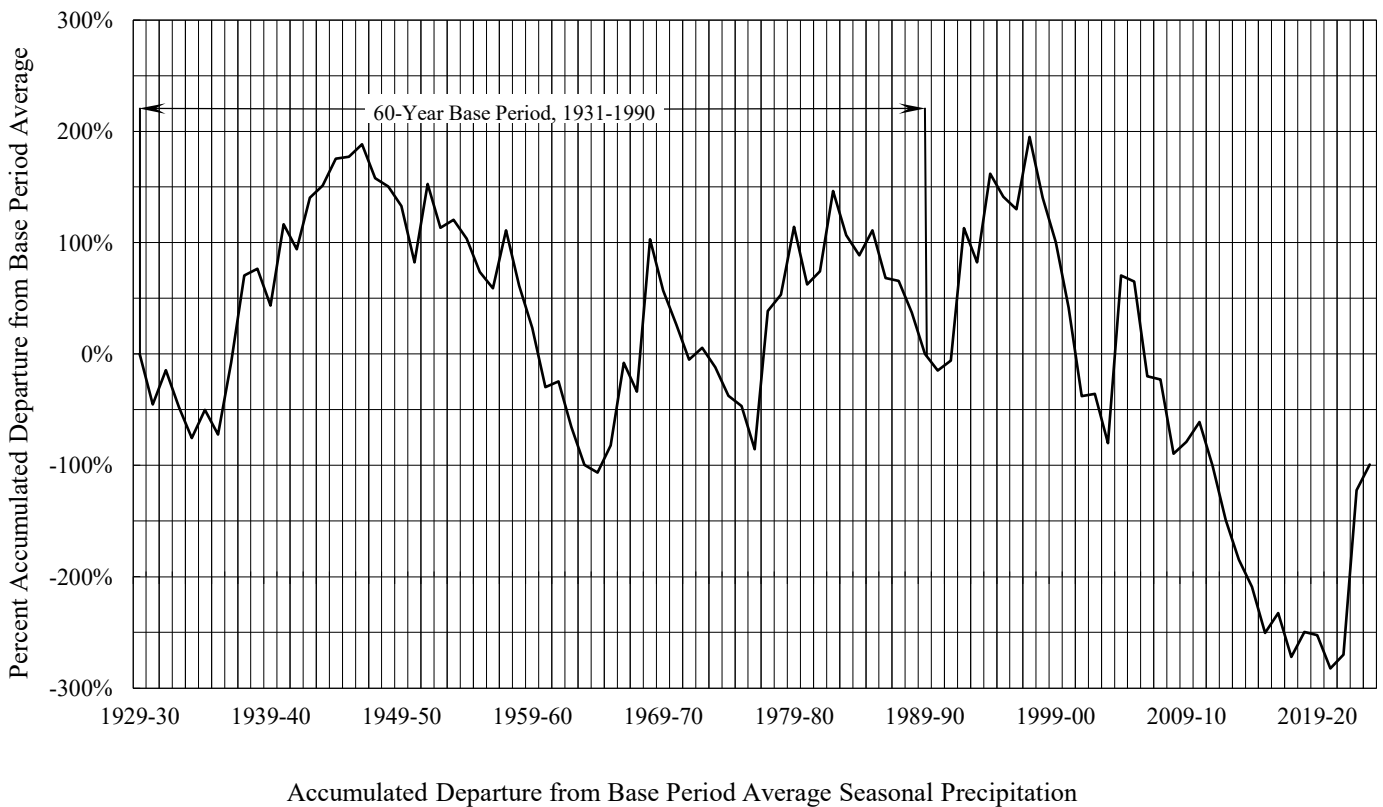
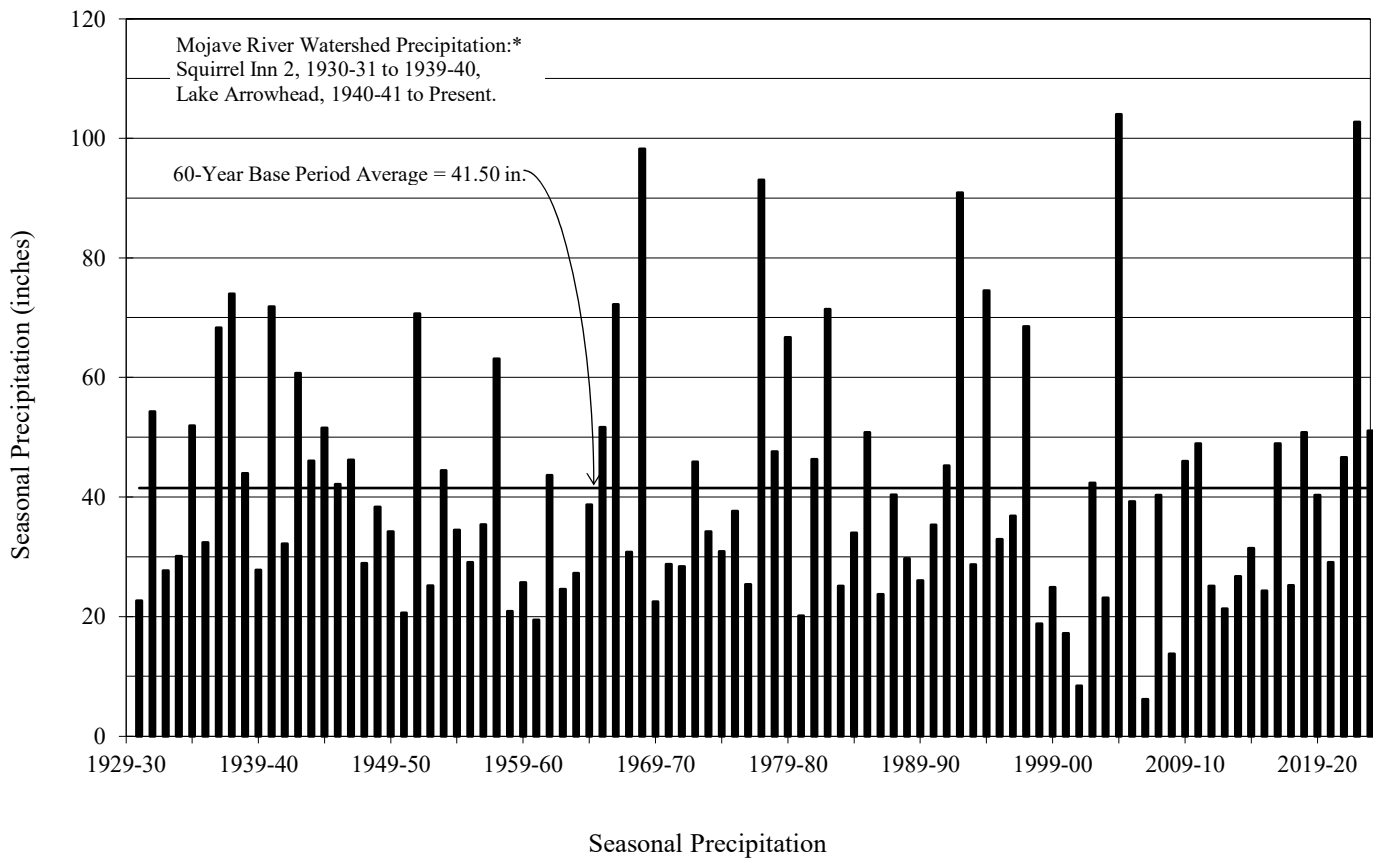
After experiencing above average precipitation during 2022-23, the precipitation in the Mojave River Watershed during 2023-24, as measured at Lake Arrowhead was again above average at about 123 percent of the 60 Year Base Period average. The combined flow of the West Fork Mojave River and Deep Creek during the 2023-24 Water Year was about 134 percent of the 60-Year Base Period average.

Precipitation During 2023-24

Rainfall in the mountain areas is the principal source of natural water supply to the Mojave Basin Area. During the 2023-24 Water Year the precipitation at Lake Arrowhead amounted to 51.1 inches, which is about 123 percent of the Base Period average of 41.5 inches. The maximum monthly rainfall of 21.91 inches occurred in February 2024, with 13.37 inches and 4.11 inches occurring during March 2023 and January 2023, respectively. Figure 3-1 shows the seasonal precipitation from 1930-31 through 2023-24 and the accumulated departure from the 1930-31 through 1989-90 Base Period average. Seasonal rainfall within the Basin Area as measured at Victorville and Barstow totaled 4.99 inches and 7.14 inches, respectively. The amount recorded at Victorville represents approximately 113 percent of the annual average of 5.44 inches and the amount recorded at Barstow represents approximately 156 percent of the annual average of 4.57 inches. Figure 3-2 shows the seasonal precipitation at Victorville and Barstow.

Runoff During 2023-24

Locations of stream flow gages for the Mojave River system are shown on Appendix A. Table 3-1 shows monthly discharge amounts for 2023-24 at these locations.



Precipitation Characteristics, Mojave River Watershed

FIGURE 3-1

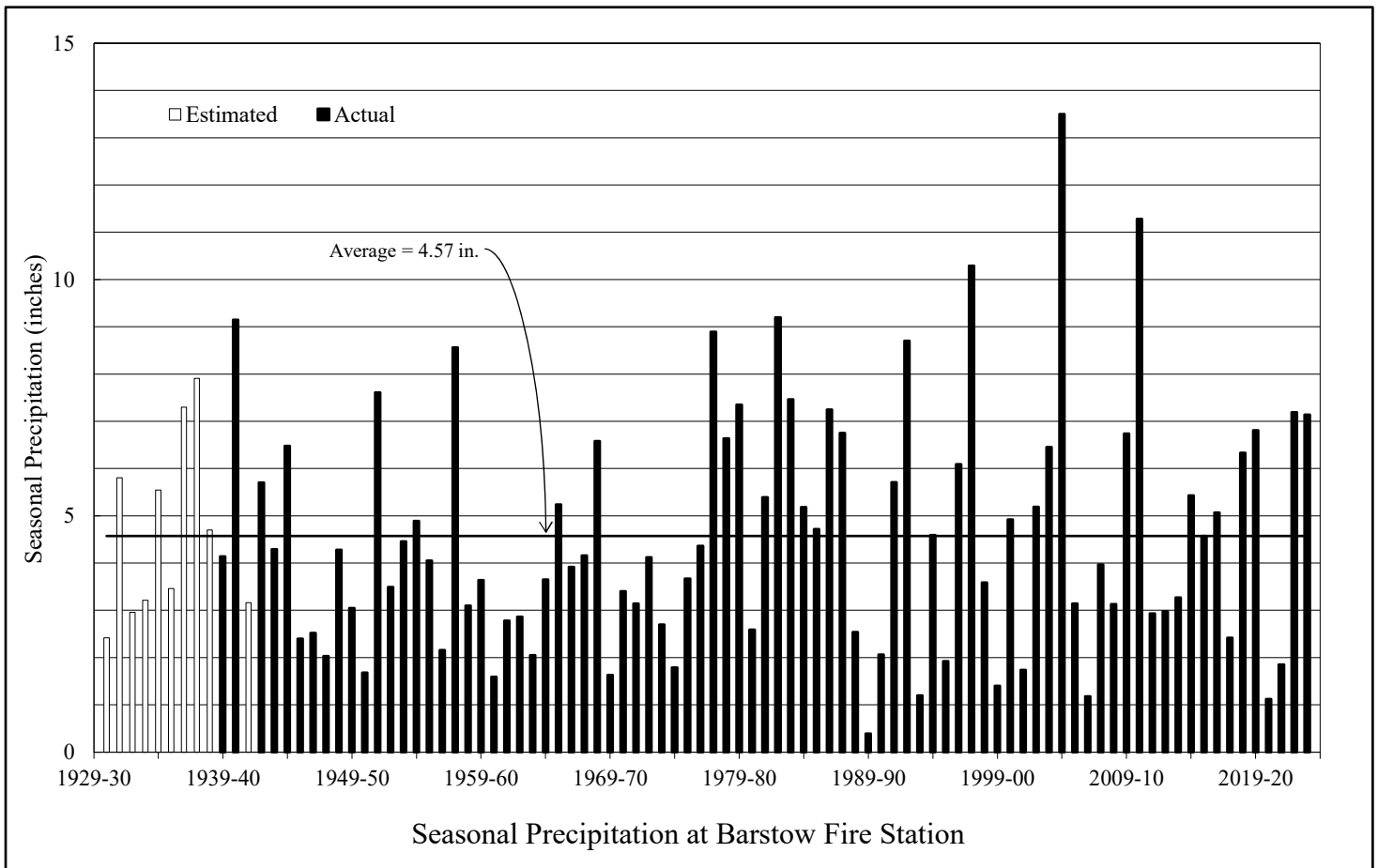
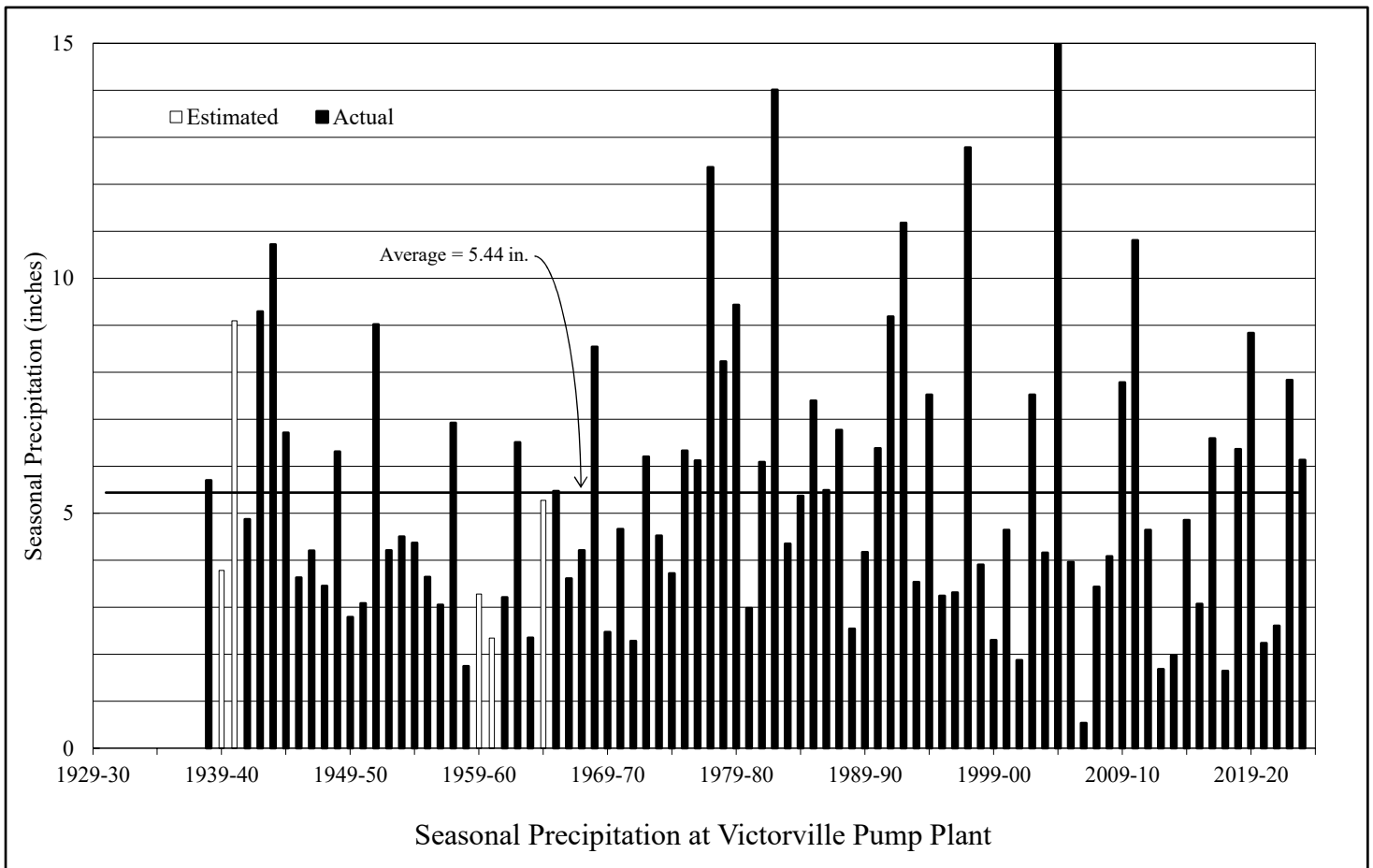


FIGURE 3-2

TABLE 3-1
MONTHLY DISCHARGE AMOUNTS
FOR WATER YEAR 2023-24
(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	2,147.0	343	0	343	0.0	0.00	0.0	0.00
November	456.0	568	0	568	0.0	2.74	0.0	2.74
December	-278.0	758	0	758	0.0	13.77	0.0	13.77
January	2,012.0	796	6	802	0.0	19.90	0.0	19.90
February	30,153.0	1,102	17,291	18,393	0.0	16.32	69.5	85.80
March	27,741.0	2,850	9,269	12,119	31.7	12.40	0.0	12.40
April	17,844.0	903	6,245	7,148	0.0	6.29	0.0	6.29
May	4,751.0	513	2	515	0.0	0.00	0.0	0.00
June	1,301.0	230	0	230	0.0	0.00	0.0	0.00
July	368.0	203	0	203	0.0	0.00	0.0	0.00
August	450.8	181	0	181	0.0	0.00	0.0	0.00
September	618.0	189	0	189	0.0	0.00	0.0	0.00
Total (AF)	87,564	8,636	32,813	41,449	31.7	71	69	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 2023-24 as measured by the combined discharges of the West Fork Mojave River and Deep Creek was 87,564 acre-feet or about 134 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 2023-24 and the accumulated departure from the Base Period average are shown on Figure 3-3.

At Lower Narrows

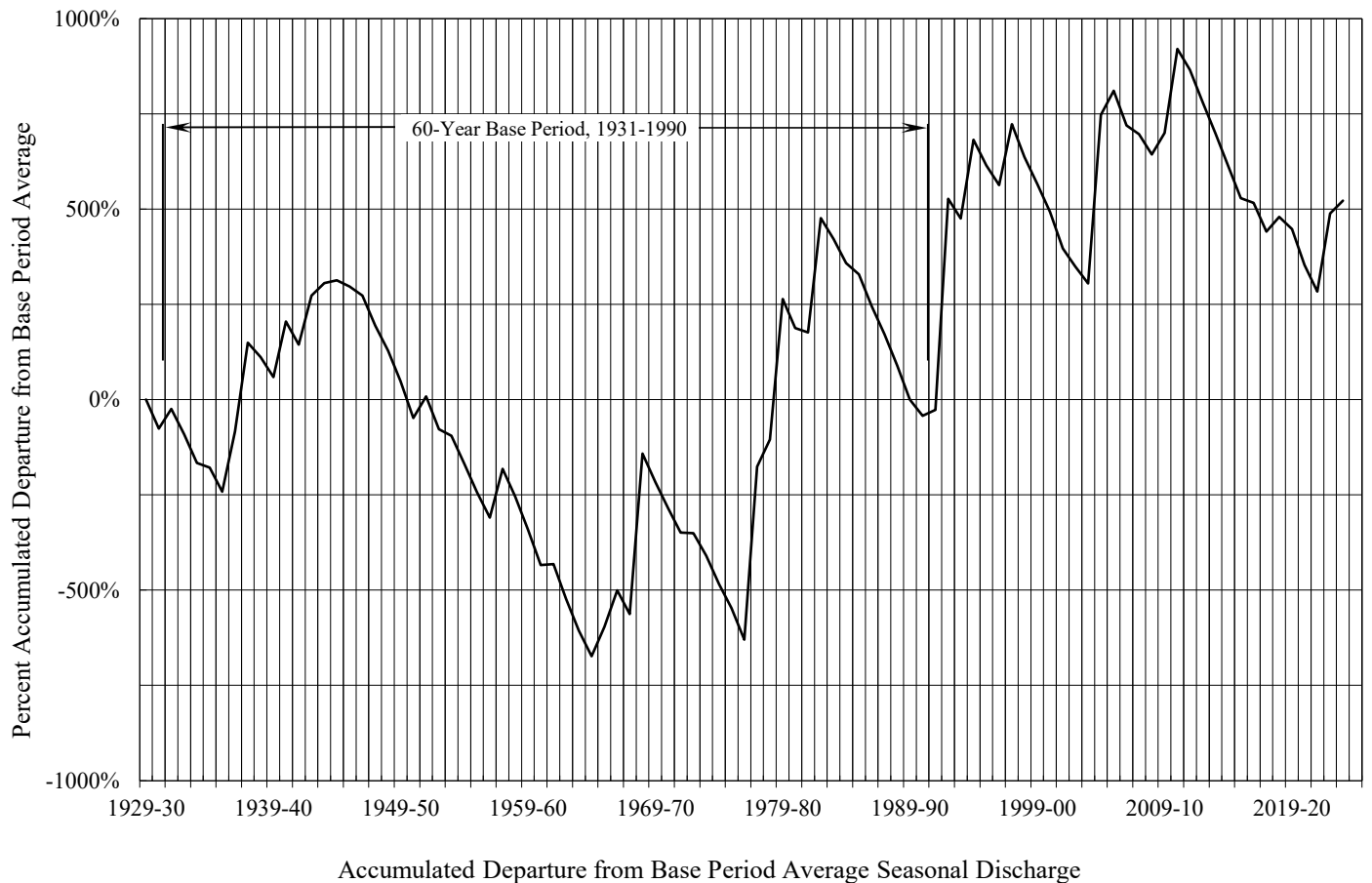
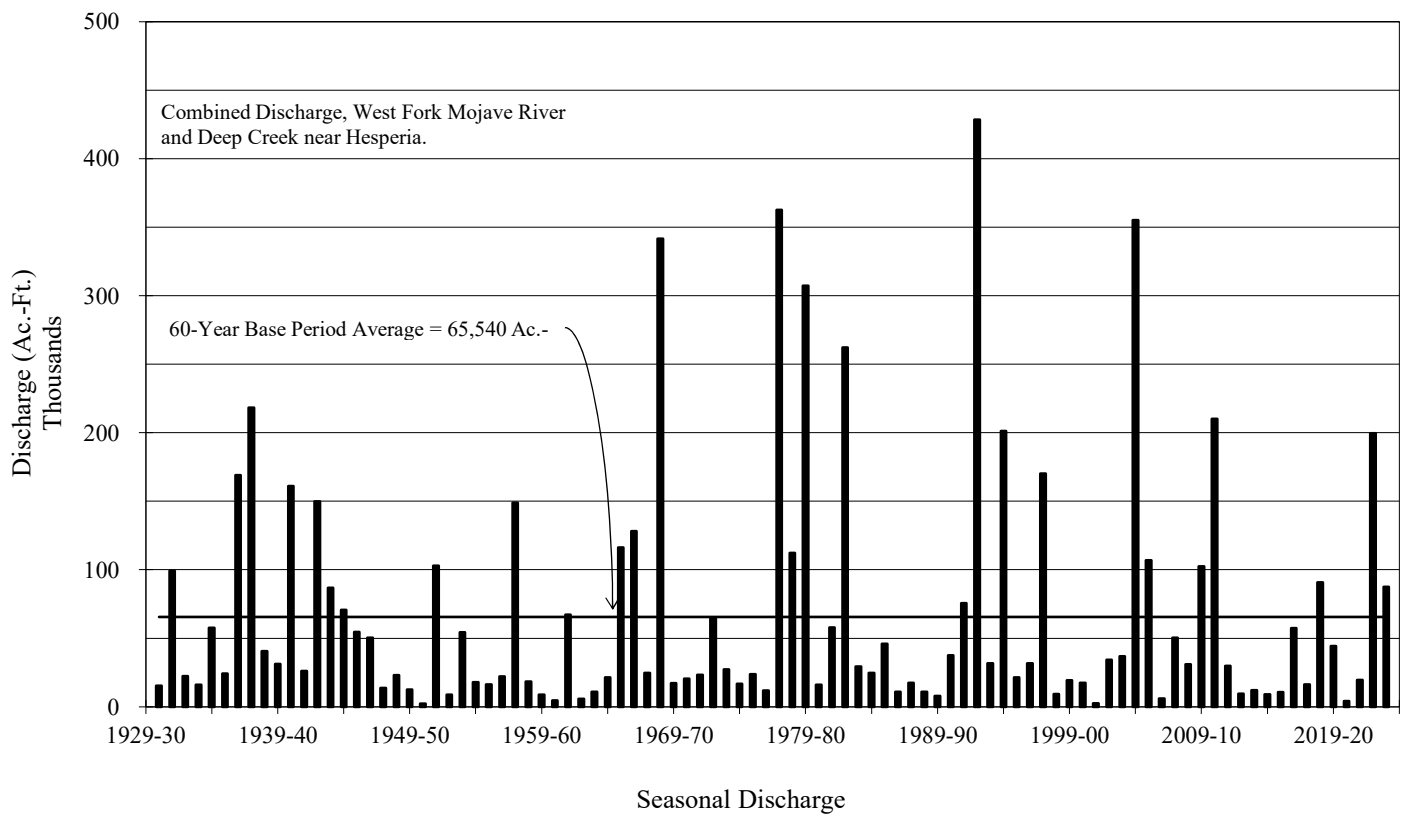
The total surface flow of the Mojave River at the Lower Narrows was 41,449 acre-feet, which is about 80 percent of the 60-Year Base Period average of 51,960 acre-feet. During Water Year 2023-24 the total flow accruing to the Lower Narrows Gage was estimated to consist of 32,813 acre-feet of storm flow and 8,636 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 2023-24.

At Barstow

The total surface flow of the Mojave River at Barstow was 31.7 acre-feet. Figure 3-5 shows the total flow in the Mojave River at Barstow for the period 1930-31 through 2023-24.

At Afton

The total surface flow of the Mojave River at Afton was 141 acre-feet, which is about 1.71 percent of the Base Period average of 8,247 acre-feet. During 2023-24 the total flow accruing to the Afton Gage was estimated to consist of 69 acre-feet of storm flow and 71 acre-feet of base flow. Figure 3-5 shows the storm and base flow components of the total flow in the Mojave River at Afton for the period 1930-31 through 2023-24.



Discharge Characteristics, Mojave River at the Forks

FIGURE 3-3

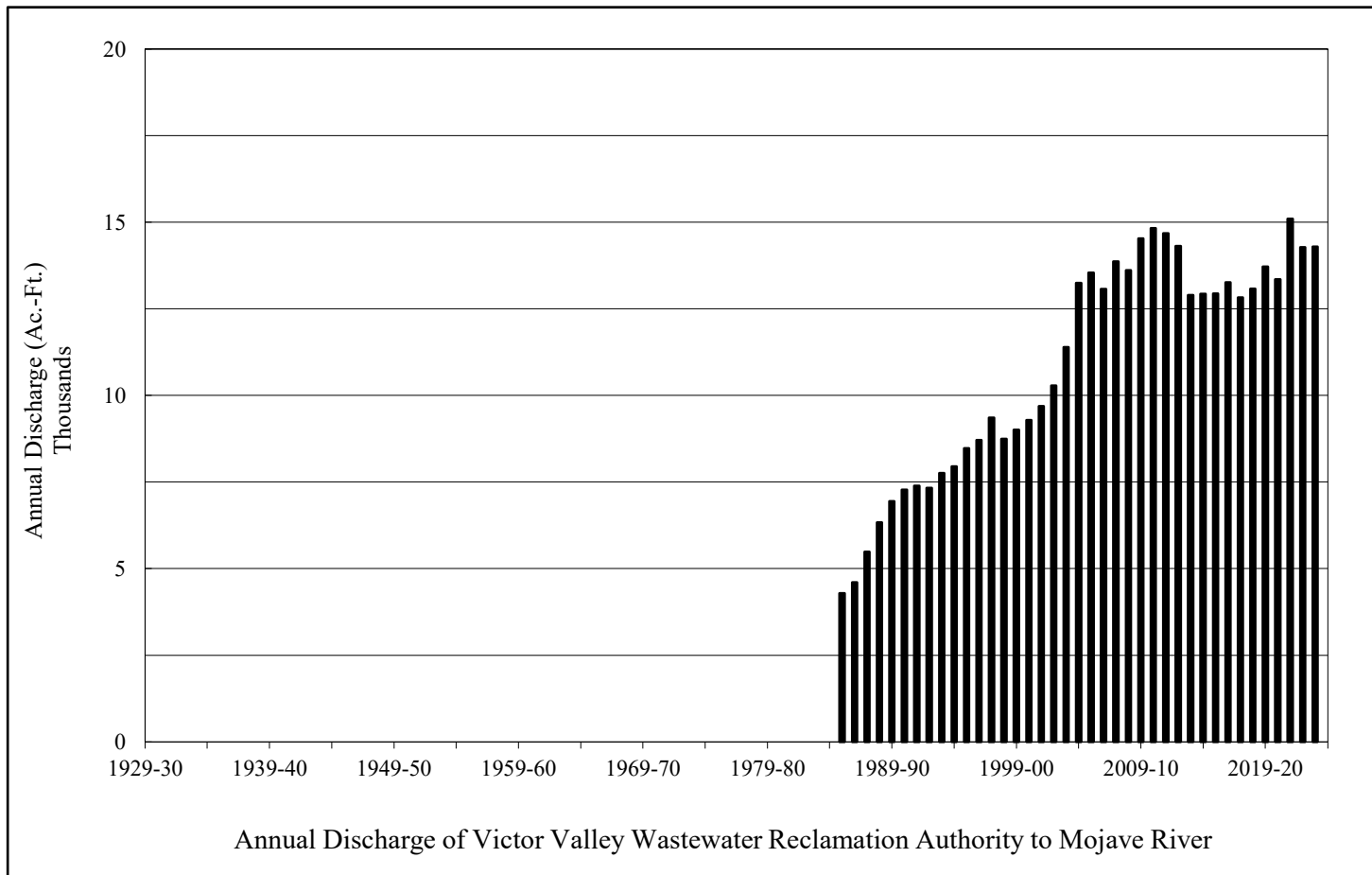
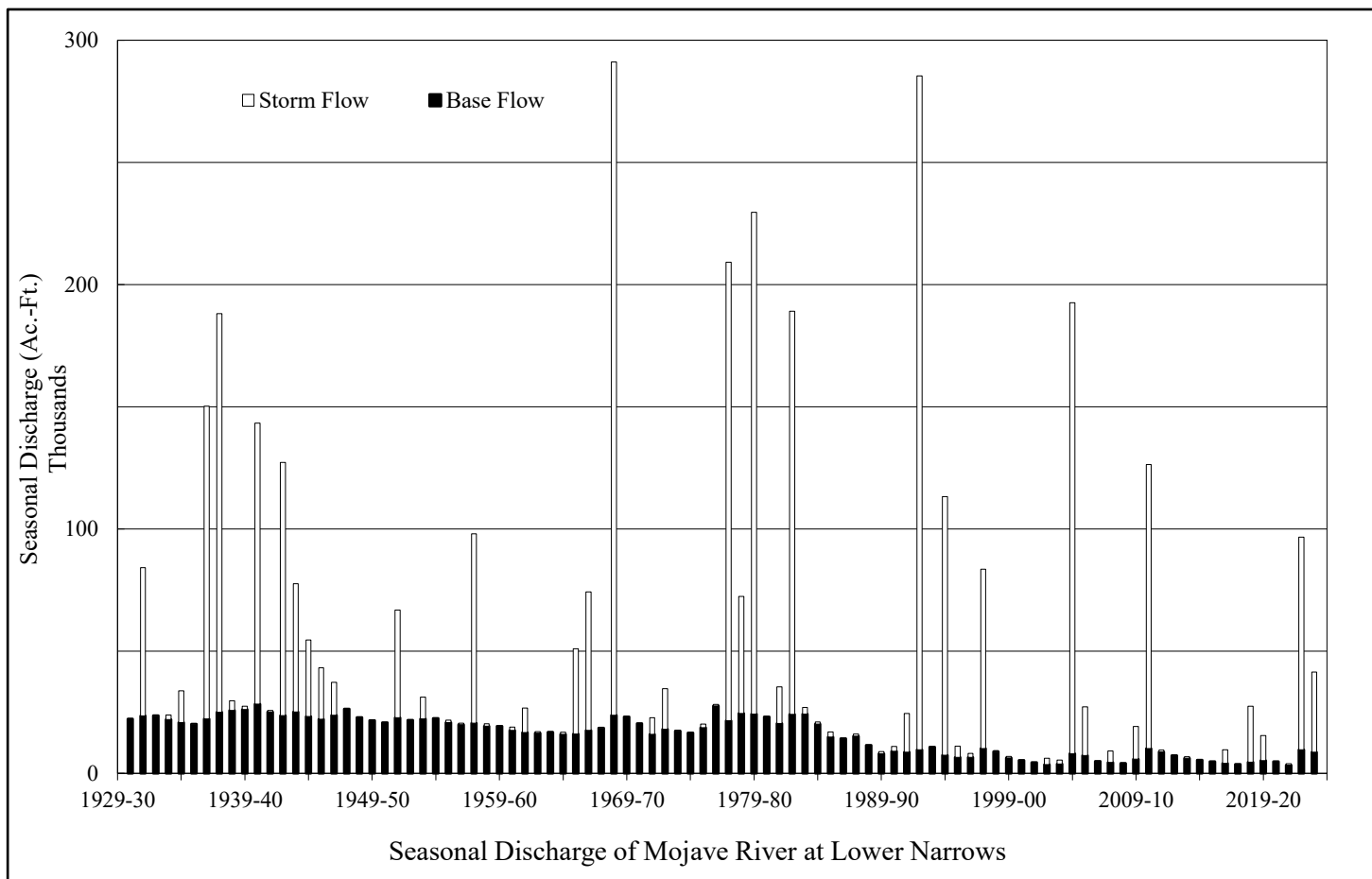


FIGURE 3-4

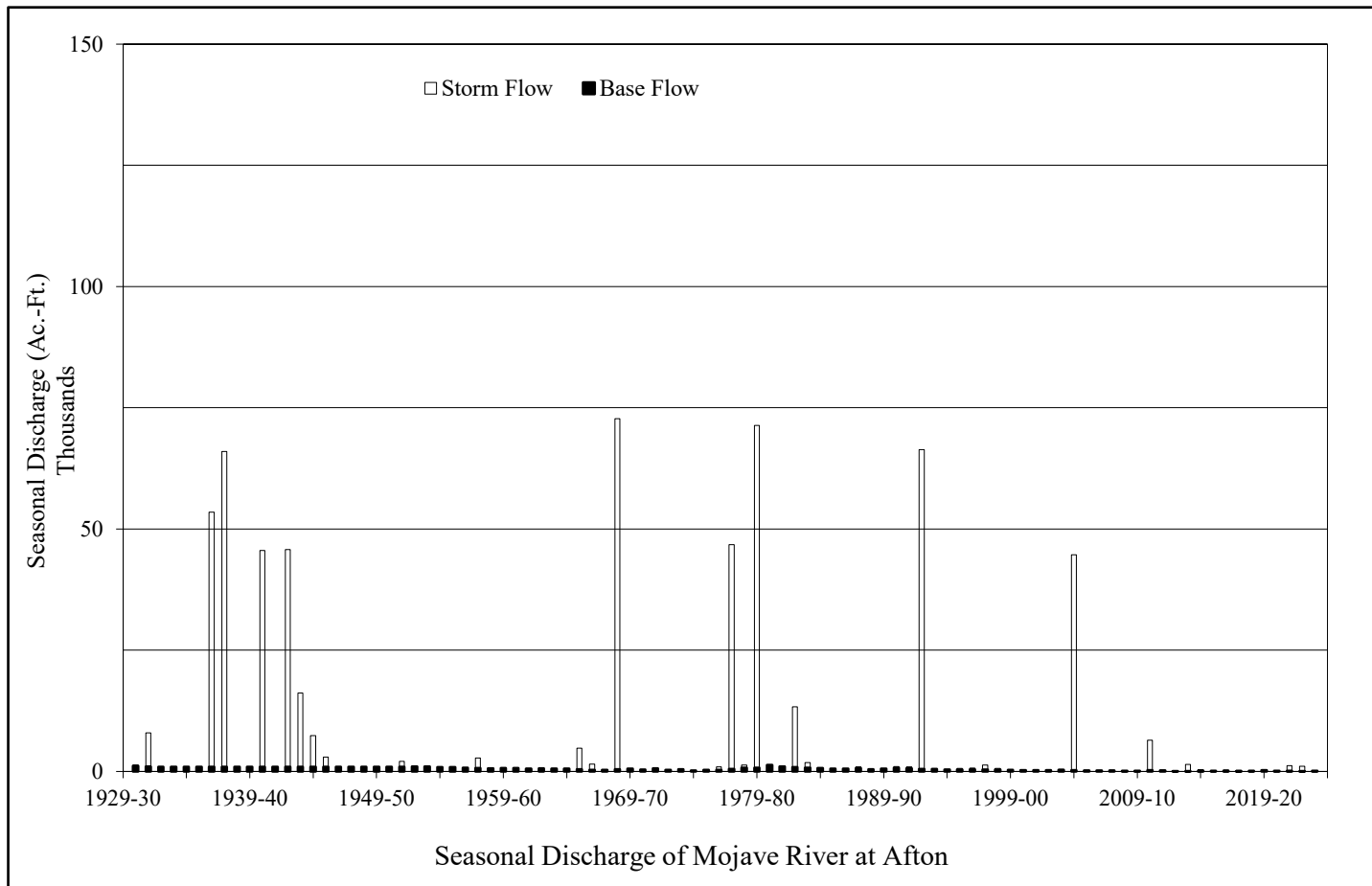
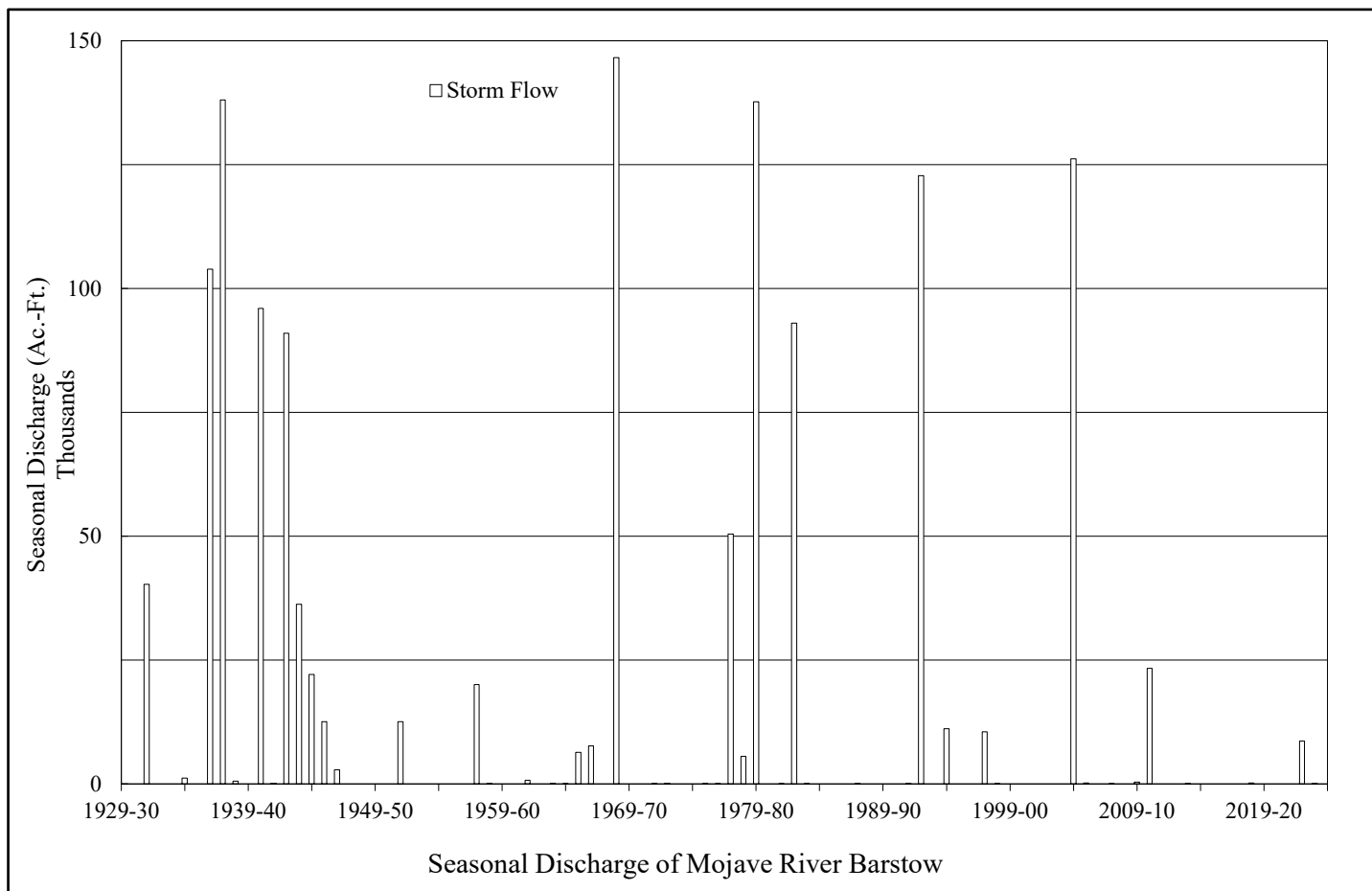


FIGURE 3-5

Wastewater Imports

During 2023-24 reclaimed wastewater was delivered to the Mojave Basin Area for disposal by the following agencies:

	Amount Delivered (acre-feet)
Lake Arrowhead Community Services District	1,148
Crestline Sanitation District	884
Big Bear Area Regional Wastewater Agency	2,463
	<hr/>
	4,495

Victor Valley Wastewater Reclamation Authority Wastewater Effluent Discharges

The VVWRA and Victorville deliver treated wastewater effluent to the Mojave River downstream from the Lower Narrows. This water is credited toward the Alto Subarea's Obligation to the Centro Subarea and amounted to 14,290 acre-feet for Water Year 2023-24. The annual wastewater effluent discharge to the Mojave River for the period 1985-86 through 2023-24 is shown on Figure 3-4.

Imported Water Deliveries by MWA

During 2023-24 MWA delivered 22,529 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>
(2023)	October	0	5,988	0	989	0	0	6,977
	November	0	6,746	0	39	0	0	6,785
	December	0	6,758	0	1,378	0	0	8,136
(2024)	January	0	2	0	624	0	0	626
	February	0	0	0	0	0	0	0
	March	0	1	0	0	0	0	1
	April	0	0	0	0	0	0	0
	May	0	0	0	0	0	0	0
	June	0	0	0	0	0	0	0
	July	0	4	0	0	0	0	4
	August	0	0	0	0	0	0	0
	September	0	0	0	0	0	0	0
	Total	0	19,499	0	3,030	0	0	22,529

¹ Deliveries to the power plant at SCLA.

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

³ Deliveries to the solar generating facility at Kramer Junction.

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

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

⁶ Deliveries to demonstration recharge facilities in the Este Subarea pursuant to a storage agreement with Watermaster.

Transition Zone Water Levels

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

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

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

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

Figure 3-8 shows water levels in wells downstream from Victor Valley Wastewater Reclamation Authority's (VWVRA) point of discharge to the Mojave River. VWVRA discharged 14,290 acre-feet during 2023-24 which supports water levels within the Transition Zone. These water levels remained stable during Water Year 2023-24.

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

show seasonal variability but no long-term downward trend. The multi-nested well was installed by MWA and the California Department of Fish and Wildlife (DFW) in February 2008. Watermaster reported to the Court that it would revisit minimum water levels in the Transition Zone after collecting data for five (5) years from this new well. The water level measurements since installation in 2008 indicate seasonal fluctuation and year over year stability. The decreasing seasonal water level fluctuation is an indication of an equilibrium condition in the Transition Zone. As the data from this well has only been collected since 2008 (date of installation), and indicates a rising or stable condition, there is insufficient information to recommend a reasonable minimum water level. If the condition of rising water or stable water level over time continues, there may be no reason for a control point for minimum levels.

Transition Zone Water Balance

Watermaster prepares a water balance calculation for each subarea annually pursuant to the Judgment. For purposes of tracking annual variability in Transition Zone water supply, we are including a water balance calculation specifically for the Transition Zone. Figure 3-10 shows the annual calculated Transition Zone outflow since 1991, versus the 60-year base period average (1931-1990 “Base Period”). Total outflow from the Transition Zone is inflow to Centro. On an annual basis, outflow to Centro is highly variable consistent with the infrequent storms typical of desert environments. Transition Zone water levels have been stable or rising since at least 1994, suggesting that change in storage within the Transition Zone is nearly zero.

The elements of Transition Zone water supply include:

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

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

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

The elements of use from the Transition Zone are:

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

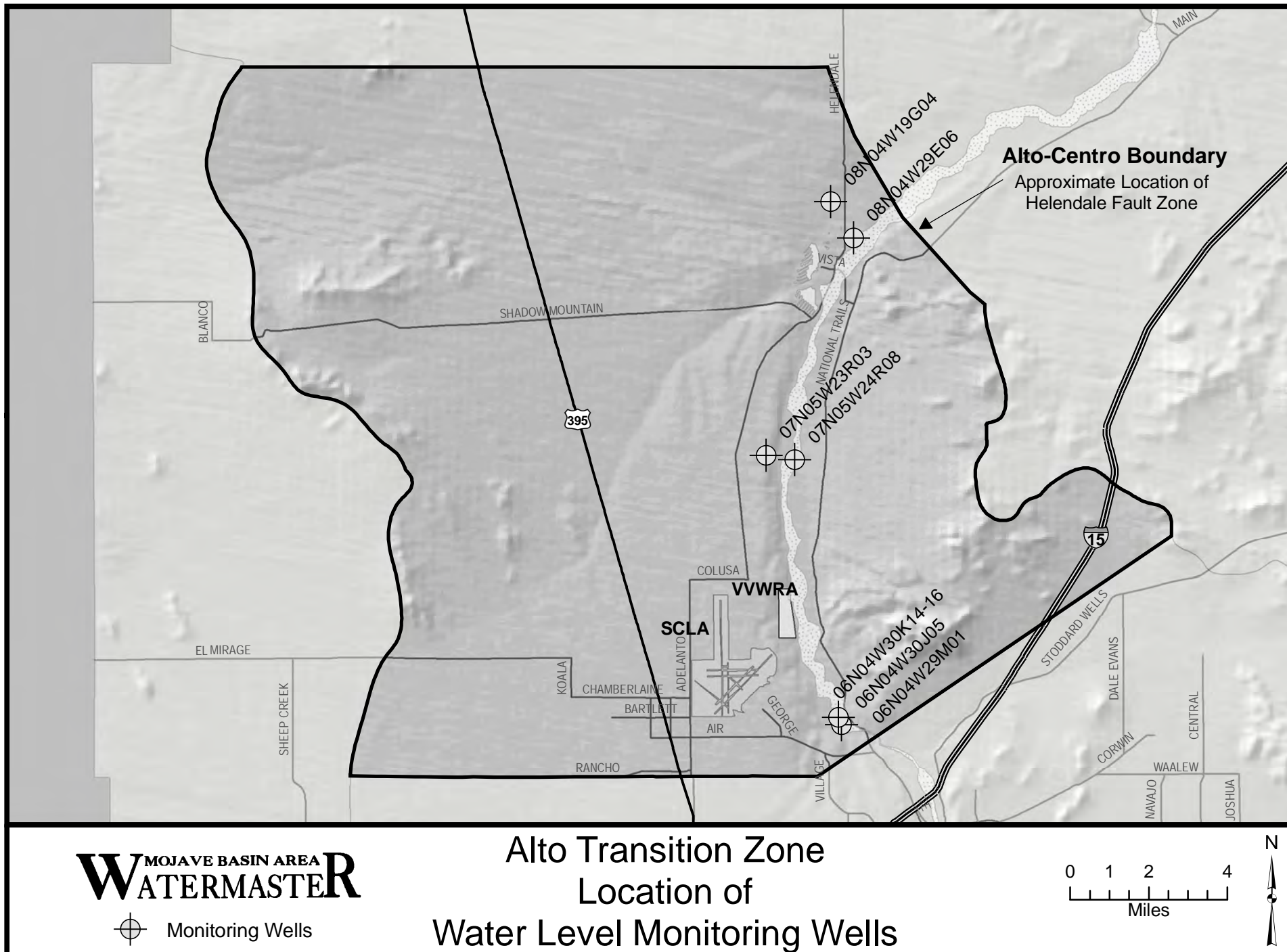
Verified production is compiled, verified, and maintained by Watermaster annually. Consumptive use for phreatophytes in the Transition Zone is based on a 2011 study by USBR which quantified consumptive use by phreatophytes in 2007 and 2010 (USBR 2011). Consumptive use for phreatophytes for 2010 was independently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

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

- Long-term subsurface outflow (Table 5-1)
- Surface water outflow leaving the Transition Zone (which becomes inflow to the Centro Subarea)

Surface water outflow from the Transition Zone to the Centro Subarea is calculated based on the assumption that change in storage in the Transition Zone is zero. Historical water levels in the Transition Zone are stable over long periods of time (Figure 3-13). Therefore, for simplicity, surface water outflow is determined as the sum of water supply, less the sum of consumptive use and subsurface flow.

FIGURE 3-6



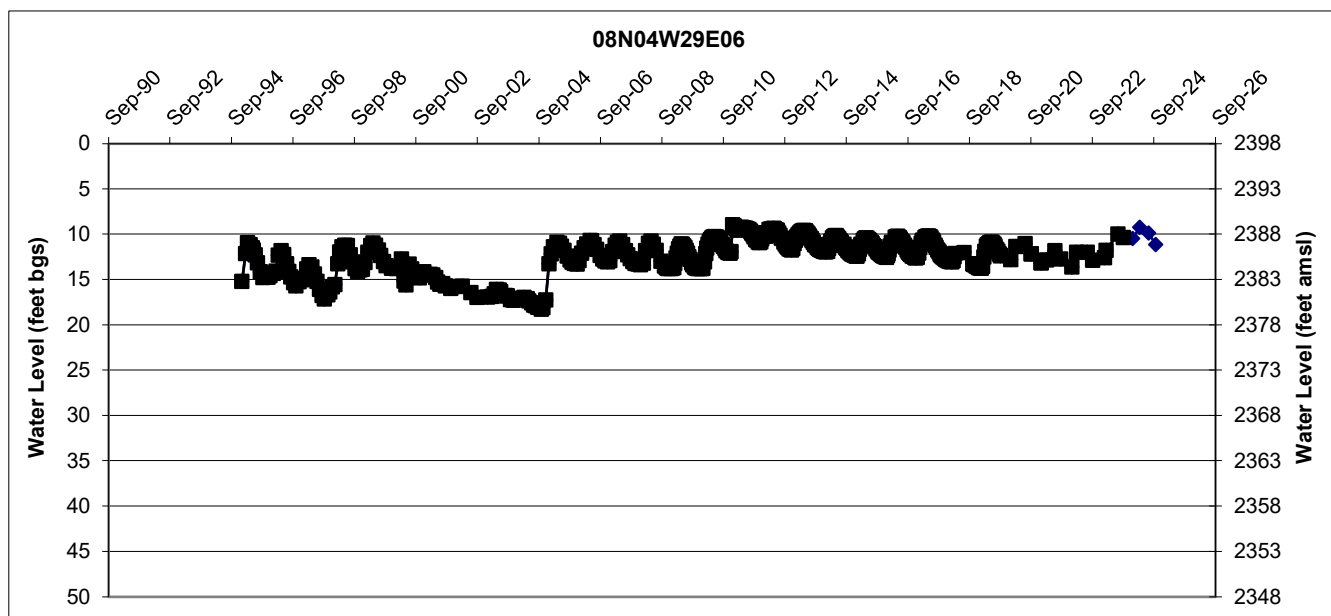
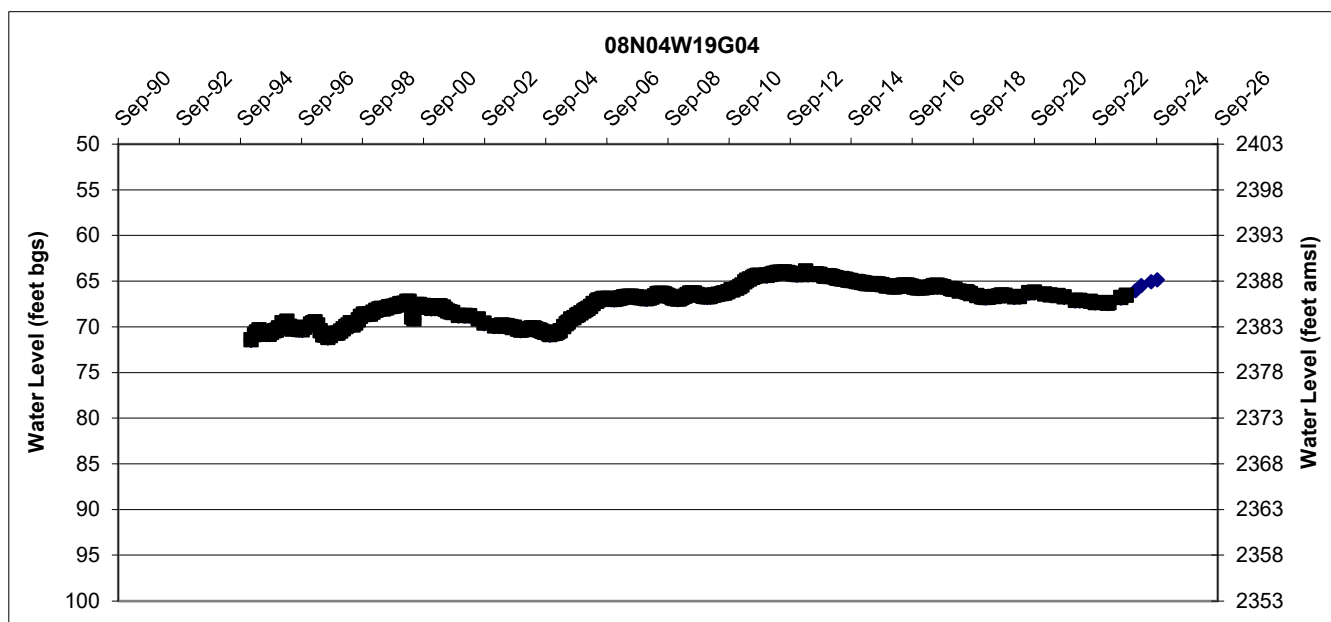
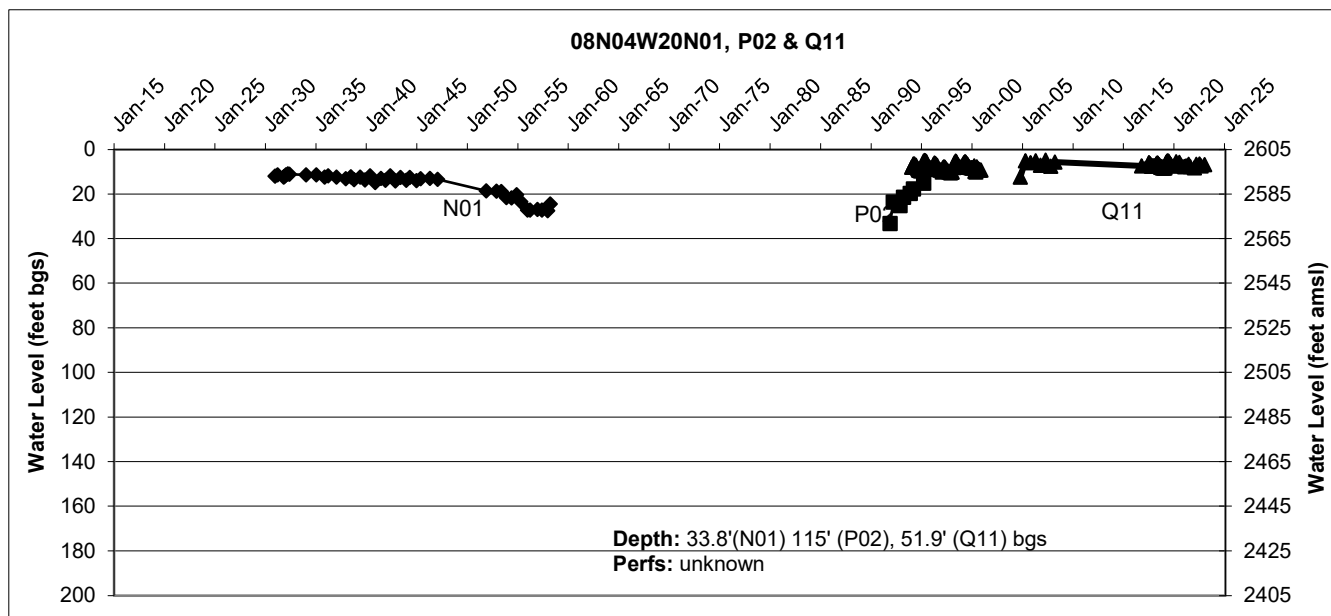


FIGURE 3-7

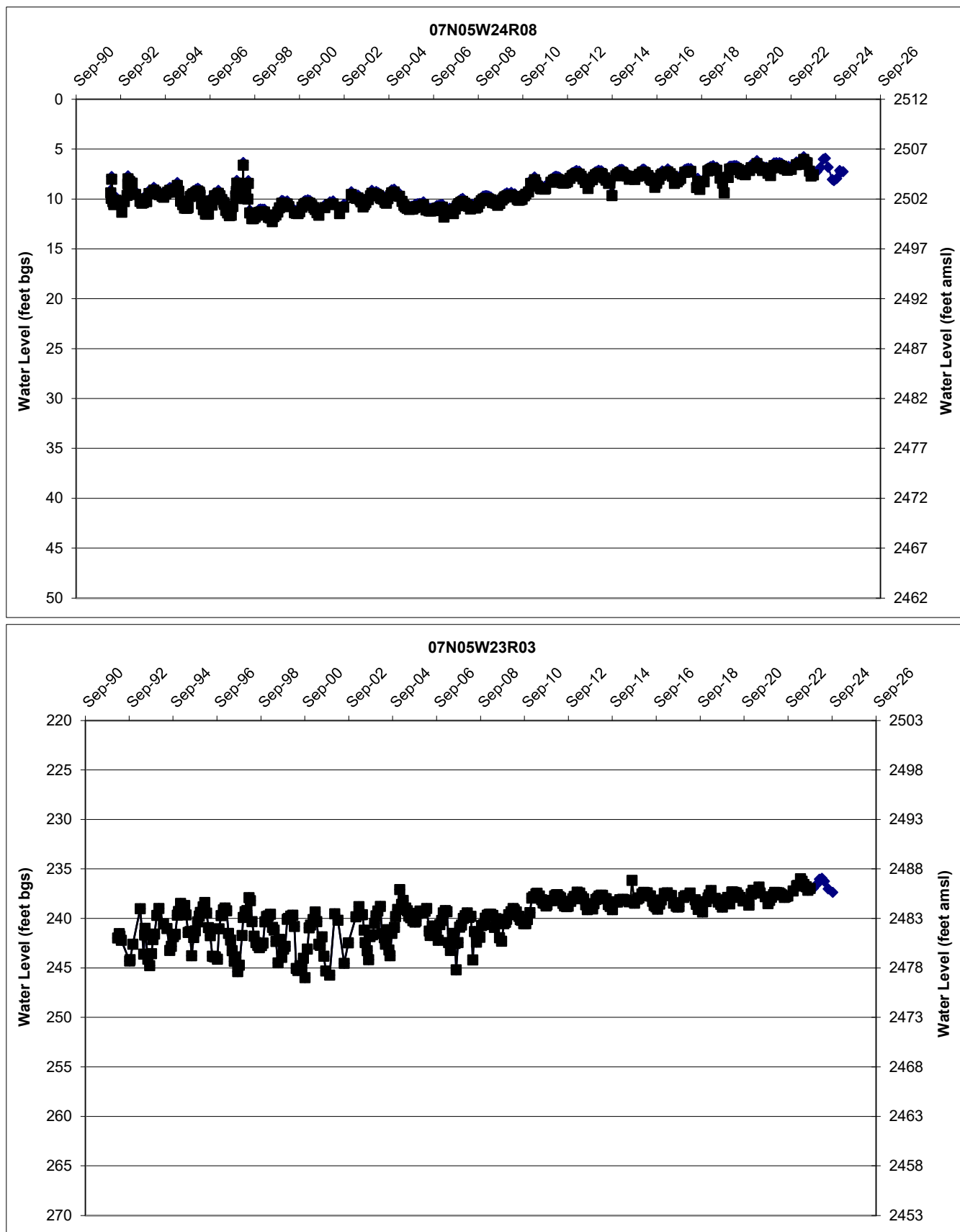


FIGURE 3-8

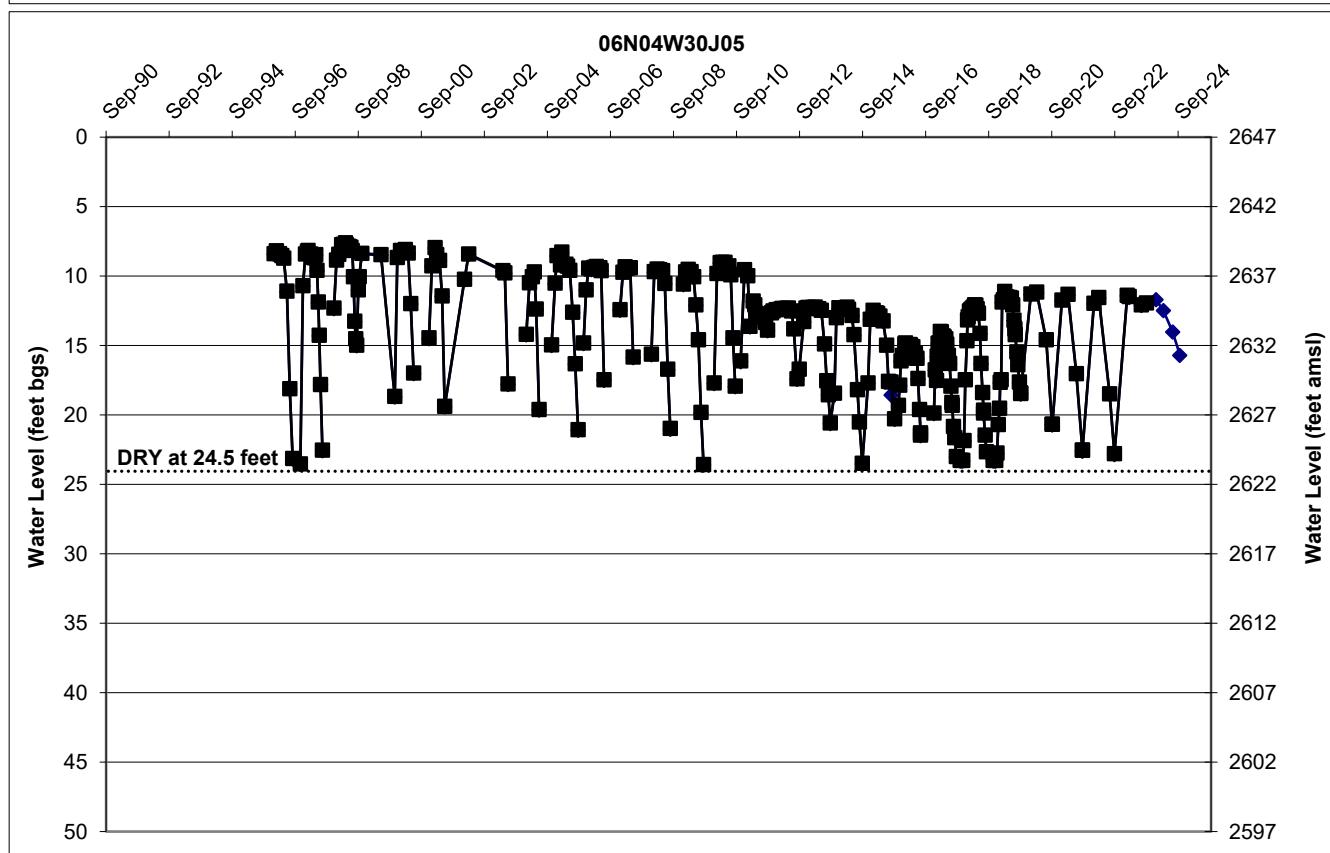
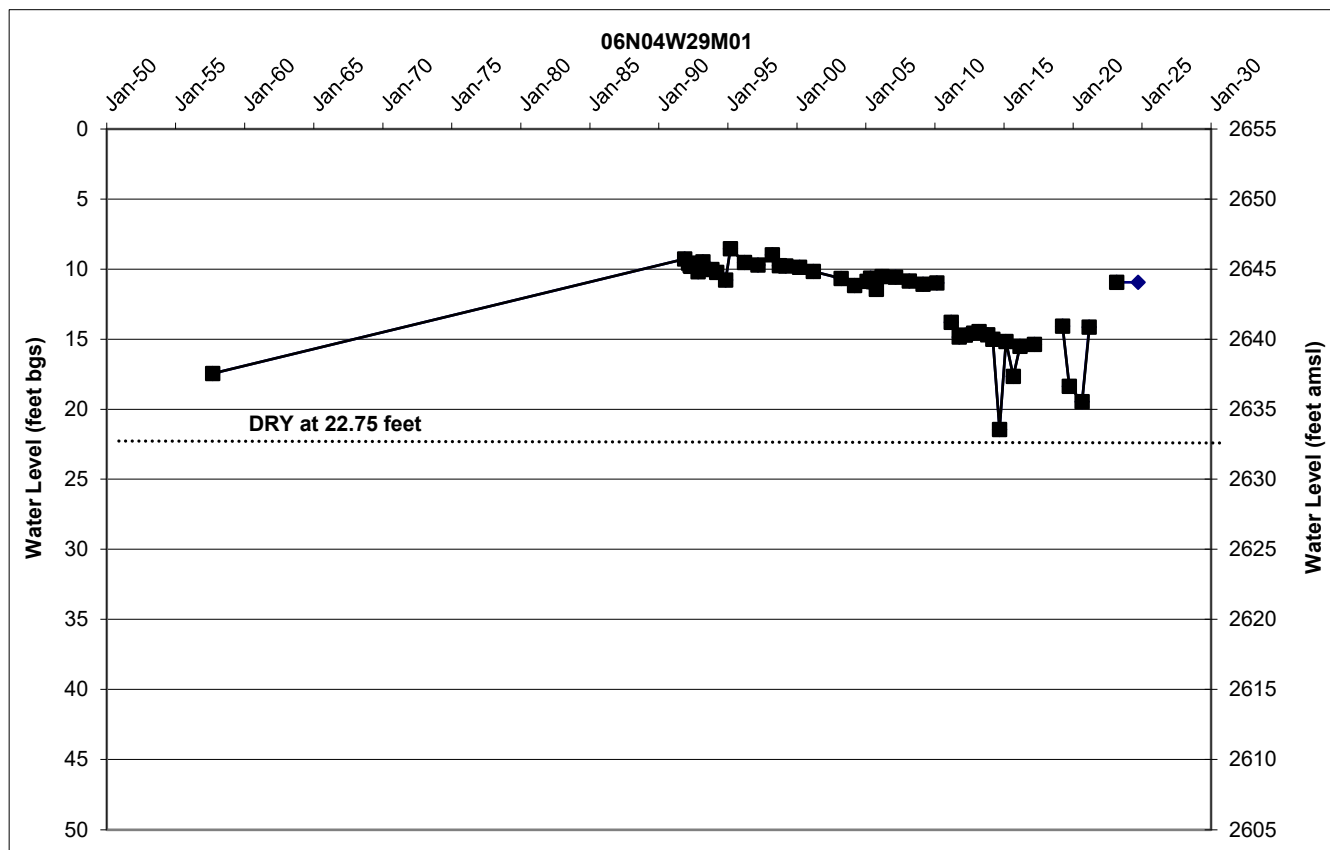


FIGURE 3-9

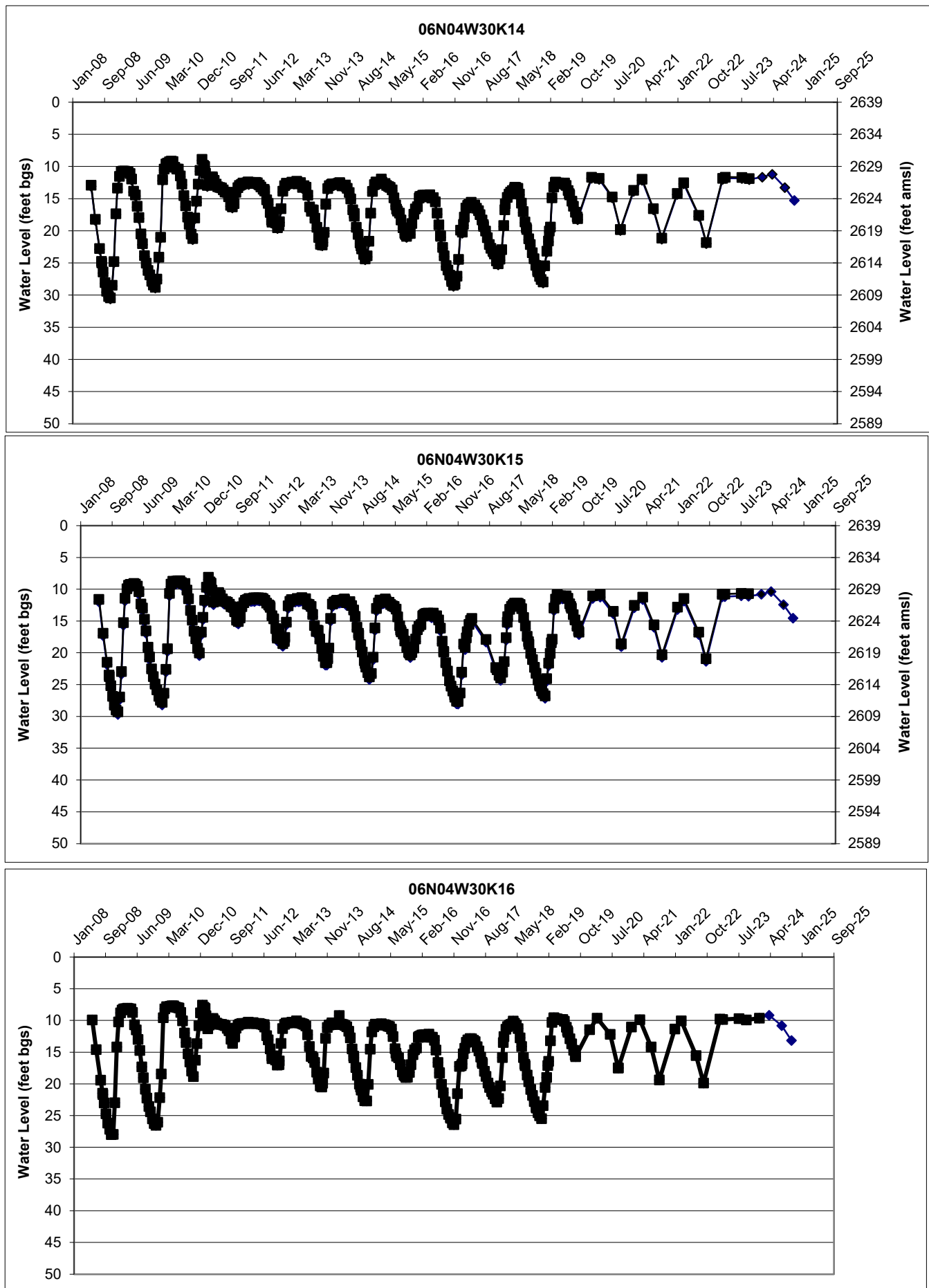


FIGURE 3-9

Transition Zone Water Balance

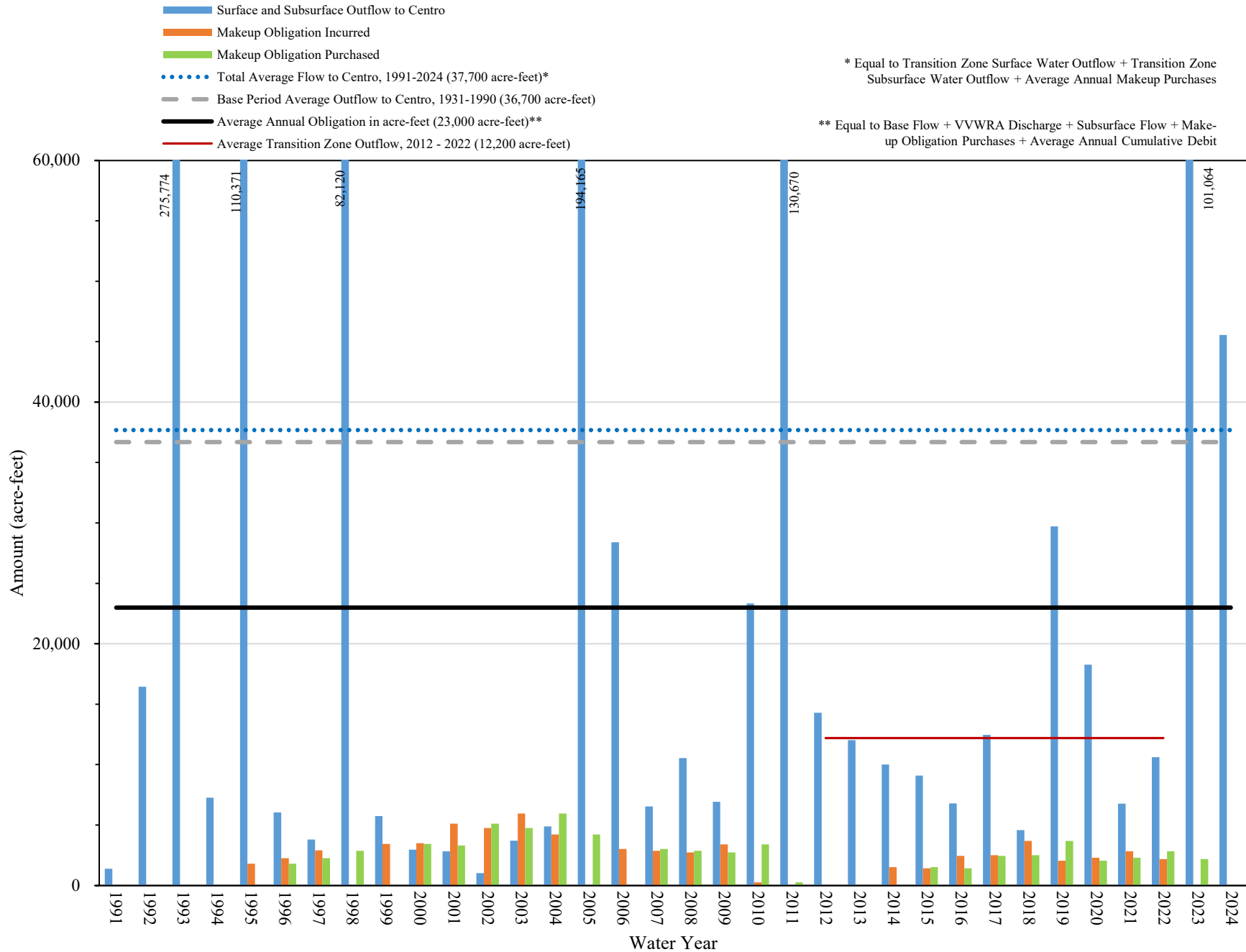


FIGURE 3-10

Subarea Water Levels

Water levels within each of the five Subareas were reviewed as part of the Watermaster's investigation into Subarea conditions and recommendations on Free Production Allowance. Water levels are measured by the Mojave Water Agency and are also reported to the California Statewide Groundwater Elevation Monitoring (CASGEM) program. The Judgment does not specifically require that Watermaster consider changes in water levels in its investigation but Paragraph 24 (o) of the Judgment requires Watermaster to consider changes of water in storage. Rising and falling water levels within the Basin Area are indications of changes in storage over time. While the amount of water level data collected and maintained by MWA is extensive, it is not sufficient to determine changes in storage in each Subarea by using changes in water levels. However, the data is sufficient to make generalizations about the conditions in each Subarea. Watermaster has estimated the annual change in storage for each Subarea in Table 3-2.

Hydrographs of wells generally representative of Subarea conditions are maintained by MWA for public review at: <https://www.mojavewater.org/data-maps/map-gallery/>

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

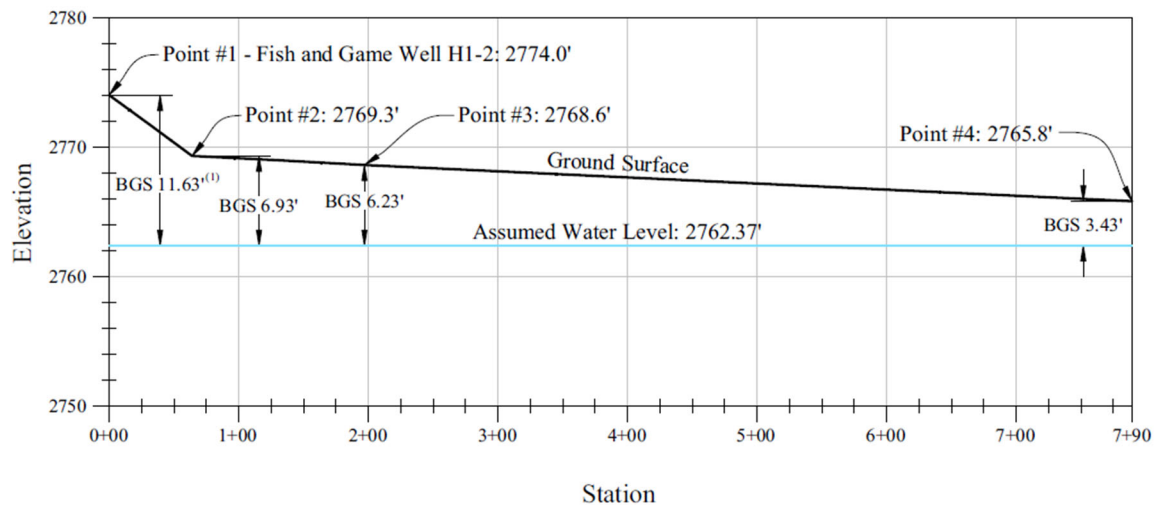
The hydrographs were presented for inspection at the February and April 2025 Watermaster meetings and discussed in detail by the Engineer. Figures 3-11 through 3-17 are reduced copies of the exhibits available on the MWA website. A summary of the water levels for each Subarea is presented below.

Alto Subarea

Water levels in Alto are presented on three maps depicting hydrographs that represent conditions throughout Alto. 1) Western portion is generally west of the Mojave River (the river is included in the western portion); 2) Eastern portion is generally east of the Mojave River; and 3) Alto Transition Zone. Alto water levels near the river exhibit seasonal variation, rising in winter and falling in summer. We note that variability showing lower lows and lower highs is an indication of extractions exceeding recharge over time. Water levels in the western portion of Alto in the regional aquifer exhibit declines, consistent with locally heavy pumping and limited local recharge. Water levels in the eastern portion of Alto indicate similar trends although to a lesser extent, most likely due to limited pumping in the regional aquifer east of the river. Continued

pumping in depleted areas of the regional system may result in long-term local negative impacts such as declining yields and water quality problems. Water levels in near river wells, particularly in the south part of Alto, experienced a trend of decline for 7 years consistent with limited recharge due to drier than average conditions. Water year 2023 was significantly wetter than an average year, with approximately 250,250 acre-feet measured at the Forks, of which about 50,590 acre-feet was imported by Mojave Water Agency and measured with the total flow at West Fork Mojave River; resulting natural inflow of 199,660 acre-feet. Water Year 2024 was also above average with approximately 102,389 acre-feet measured at the Forks, of which about 14,825 acre-feet was imported by Mojave Water Agency and measured with the total flow at West Fork Mojave River, resulting in a natural inflow of 87,564 acre-feet. Water supply conditions for the past 13 years have still been drier than the 60-year Base Period Average (1931-1990) (69.4% of Base Period average). Continuation of dry conditions will result in water level declines. However, based on future recharge of approximately 17,500 acre-feet per year, released to the Mojave River to offset the indicated deficit in Alto, we expect improved conditions, in water levels, flow at Lower Narrows and continued support to the Transition Zone.

The California Department of Fish and Wildlife (CDFW) requested Watermaster to re-evaluate the threshold for minimum water levels for the H1-2 well in Alto. Exhibit H of the Judgment provides that for this well, a minimum water level of 7 feet below ground surface should be maintained. Monitoring of groundwater levels at well H1-2 started in 2006. Subsequently, the well casing was extended in 2014 to accommodate roadway construction. Based on ground surface measurements conducted in 2010 along a transect from the well H1-2 location to the water surface in the river (shown below), and an assumed location for the monitoring threshold, we have re-evaluated the minimum water level to be 2,758.8 feet msl. It is important to note that neither the existing location for H1-2, nor the point of compliance, were originally included in the Judgment. The point of compliance, as shown as point #4, on the 2010 cross section (shown below) was made by agreement between the Watermaster Engineer and the CDFW consultant at the time. CDFW suggests that the appropriate point for measurement should be at point #2 which is located near the west bank of the river and away from the main flow line of the river. We evaluated the minimum threshold elevation at point #2 to be 2,762.3 feet msl.



Notes:
⁽¹⁾ Actual measurement.
 BGS = Below Ground Surface.



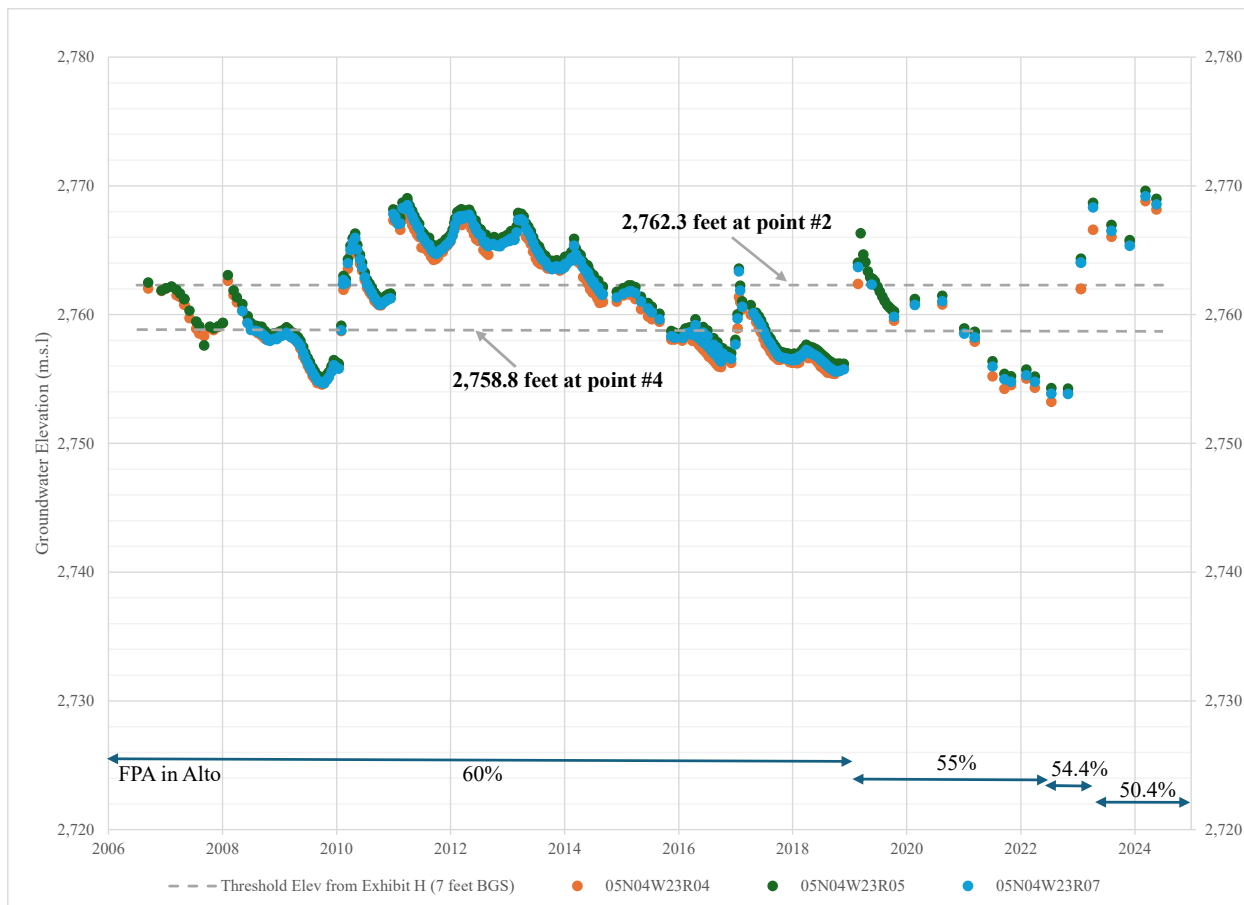
Aerial Imagery per U.S. Department of Agriculture (USDA), Aerial Photography Field Office, National Agricultural Inventory Project, flown June 20, 2009.

Q:\Drawings\Major Water\Transact.dwg

March 2010

Excerpt from 2010 Memorandum showing ground surface measurements along transect line and the assumed water level.

The graph below shows the water levels measured in well H1-2 between 2006 and 2024, the threshold water level of 2,758.8 feet msl at point #4, elevation 2,762.3 feet msl at point #2, and the FPA for Alto for each year. In the past 20 years, there have been periods of time where the water level in the H1-2 well has been above and below both minimum thresholds; and importantly above the proposed threshold(s) since 2023.



Groundwater elevations at well H1-2 and calculated minimum threshold elevation(s) per Exhibit H

Baja Subarea

Baja water levels have declined due to over pumping and limited recharge opportunities since at least the late 1930's. Wells near the river in the Daggett area respond to recharge when it is available but continue to fall following storm events. We note that pumping in Baja has declined about 70% since 2015. Consequently, past water level data may not reflect the future trends in Baja water levels. We note that water levels in Baja are showing a response to reduced pumping. There is indication that in some wells the decline has stopped or is reversing (increasing). Water levels near the Waterman Fault are close to the same elevation (1978 feet above msl) as reported by Hardt, USGS 1971 for spring of 1964.

Centro Subarea

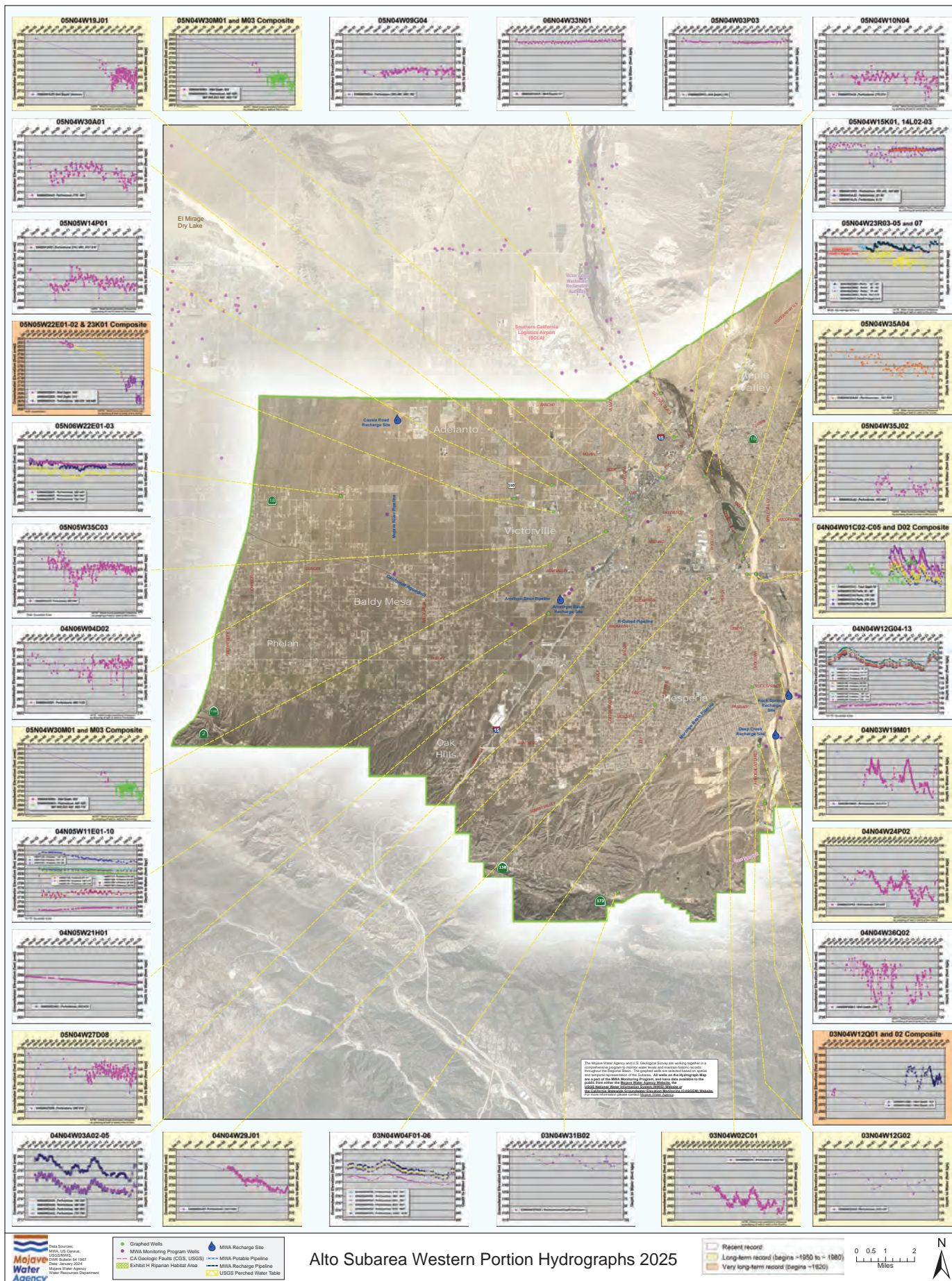
Water levels in Centro have been stable showing seasonal variability and declines during dry years but generally recover during wet periods. Water levels in the Harper Lake area indicate a slow recovery due primarily to cessation of pumping during the past several years. Water levels near Hodge and Lenwood road show the effects of pumping and limited recharge during at least the past 12 years, however these water levels have responded to recharge during 2023 and 2024 from both natural flow and importation of State Water Project water by Mojave Water Agency.

Este Subarea

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

Oeste Subarea

Water levels in Oeste have declined over time and are likely to continue to decline as water production increases in-step with projected population growth. However, reviewing the available data on a shorter time frame of 15-20 years indicates that, in the short-term, water levels are variable but stable. Water production, water use, and water level data indicate that over the past 15-20 years, water supply and demands (local precipitation, return flow from pumping, extractions, and outflow) are about equal. We note that water production has declined due to reductions in agricultural pumping. The remaining production in Oeste (5-year average) is about 20% less than the average for the past 20 years. Under these conditions, our expectations are that water levels in Oeste will continue to be variable in the short term but stable over long periods.



Alto Subarea Western Portion Hydrographs 2025

FIGURE 3-11

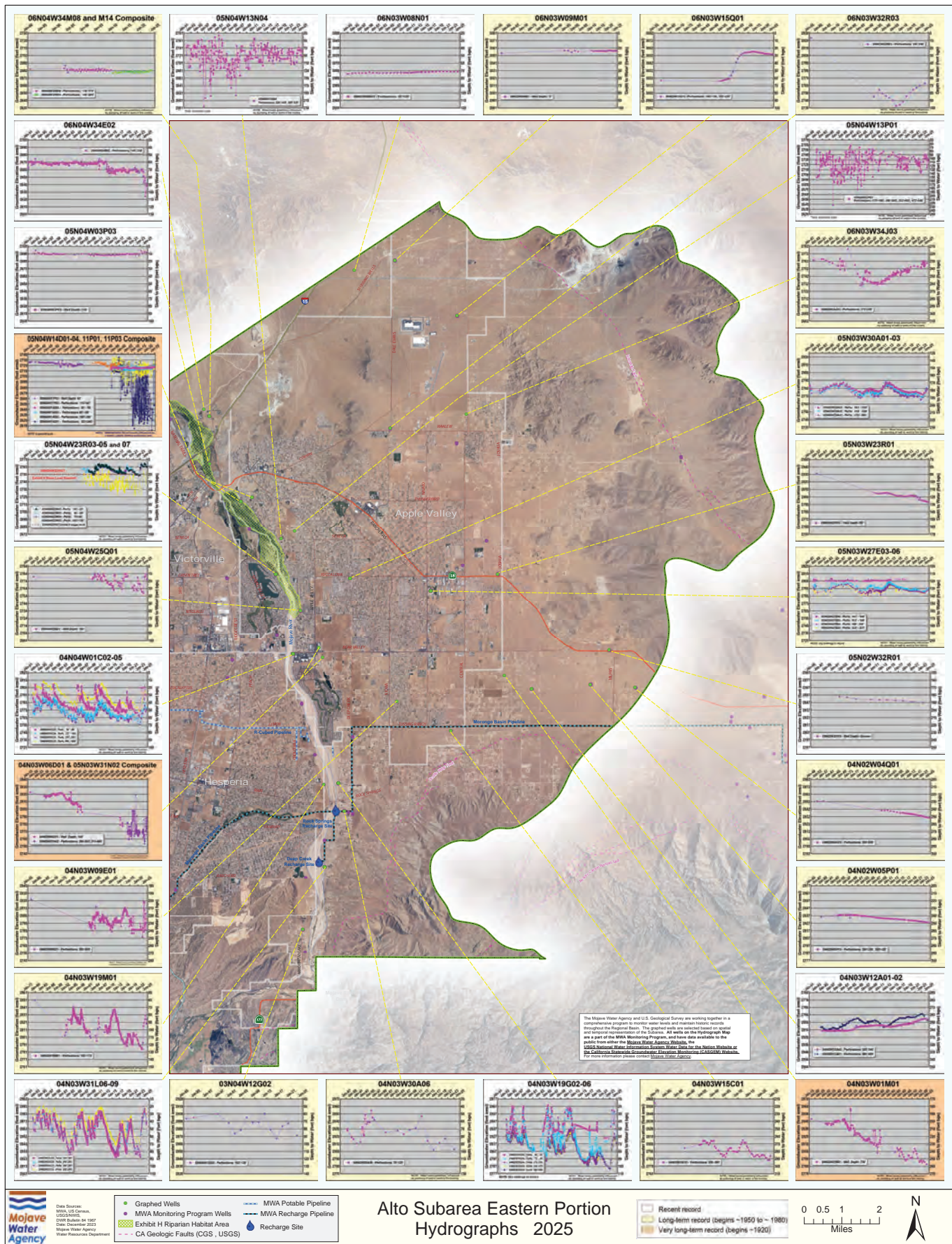


FIGURE 3-12

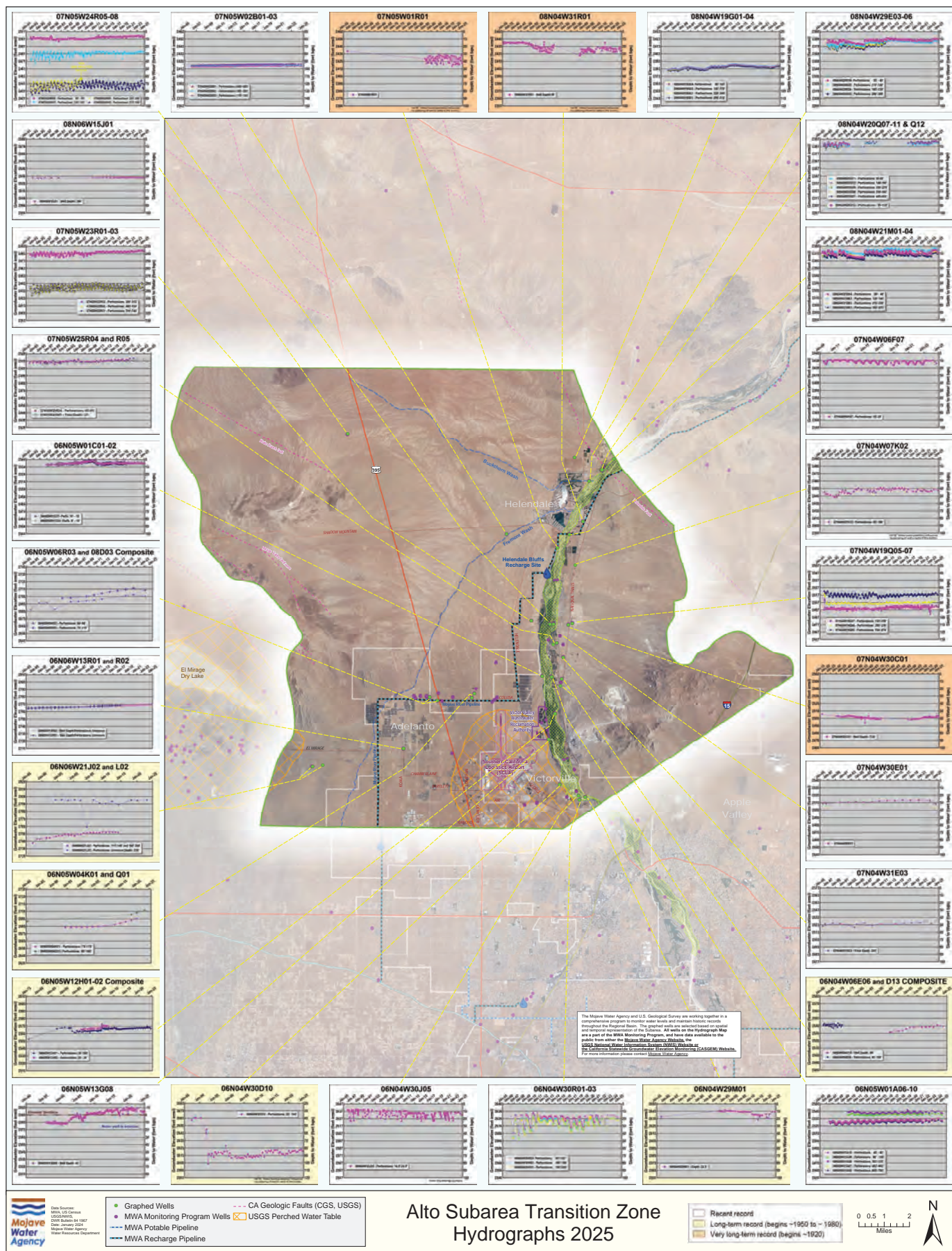


FIGURE 3-13

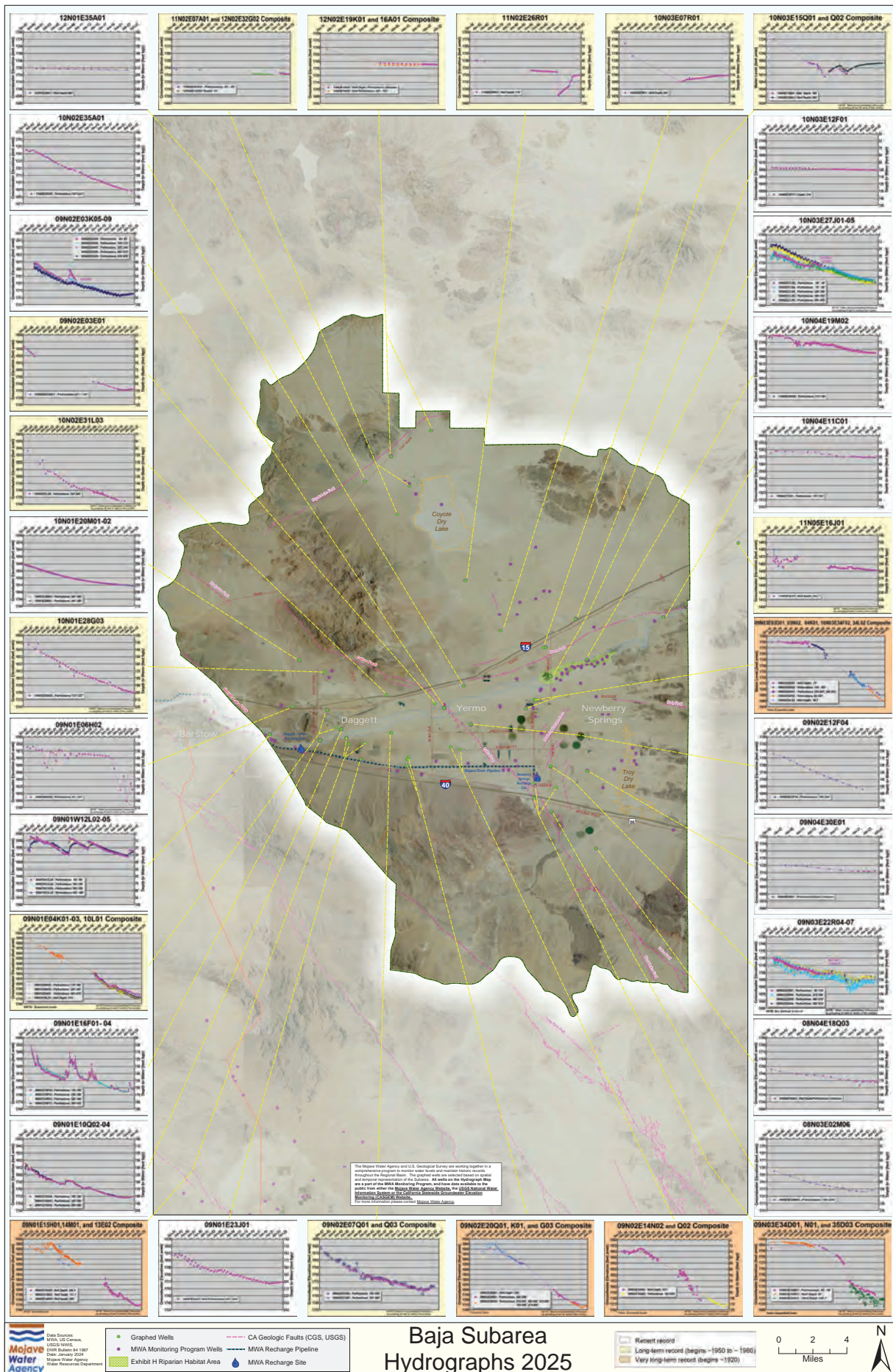


FIGURE 3-14

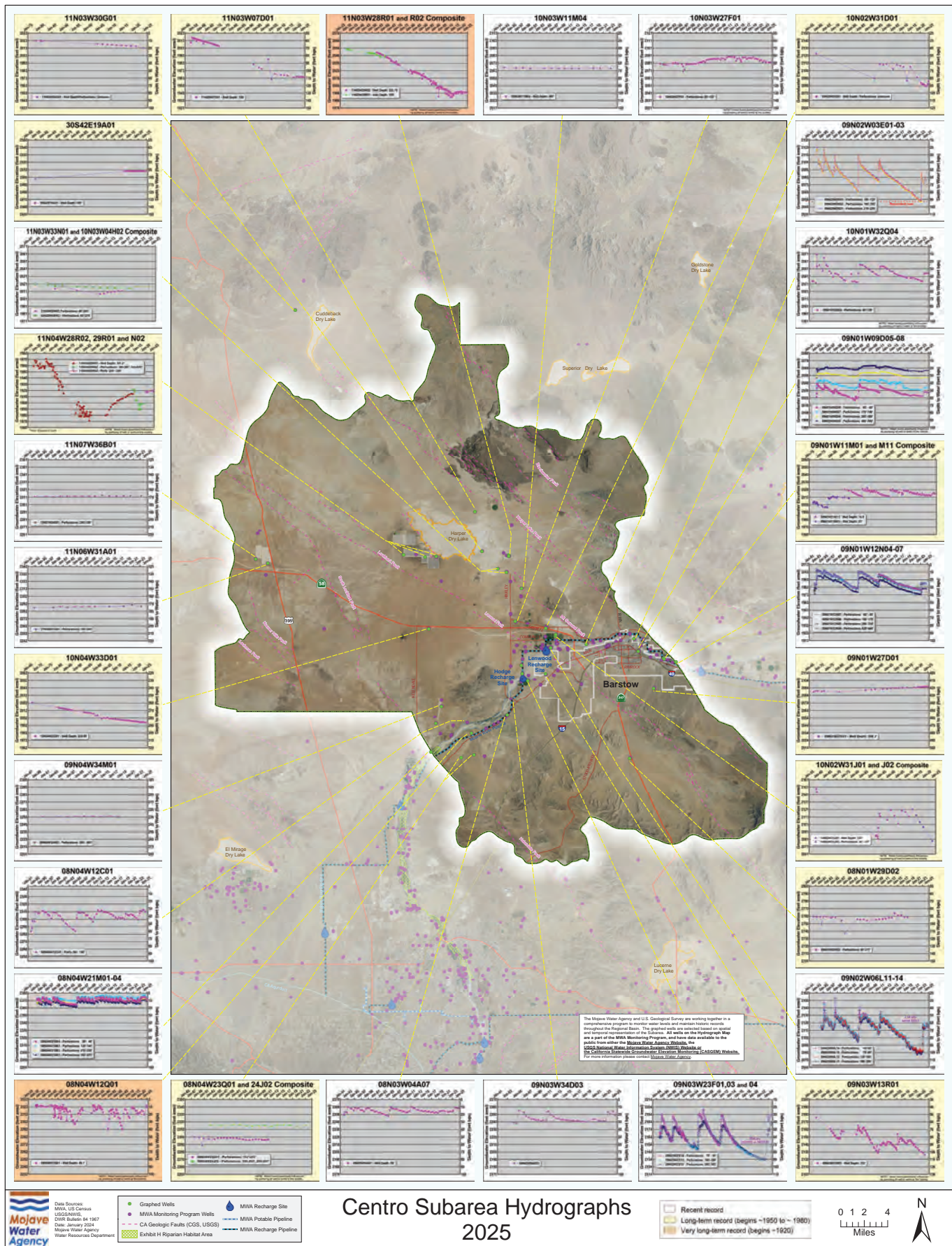


FIGURE 3-15

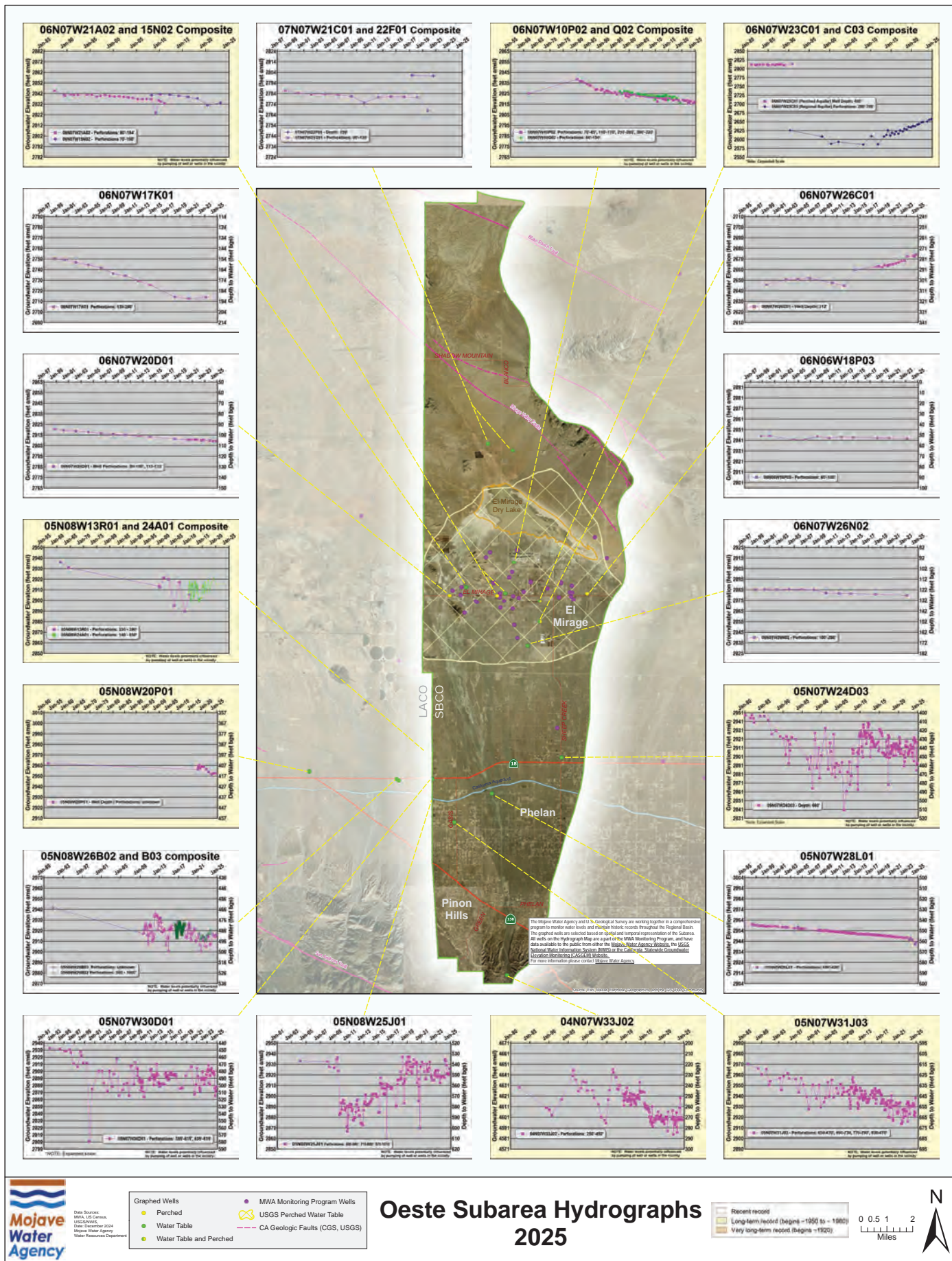


FIGURE 3-17

State of the Basin

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

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

The consumptive use analysis has been conducted annually since Water Year 2011-12 to provide estimates for irrigation demands for crops, septic return flow, sewage return flow, municipal and domestic outdoor return flow, as well as estimates of consumptive use for golf courses, parks and recreational lakes. The analysis breaks down each producer's water production into component parts, calculates a consumptive use for each sequential use and sums the results. Production records and land uses are evaluated annually for each individual producer. Daily climate data, soil survey information, crop development characteristics (crop coefficients, maximum effective rooting depth, and allowable soil water depletion), and producer's agricultural uses are analyzed to determine an irrigation demand. For municipal uses, available water purveyor data is evaluated to estimate per capita indoor and outdoor use for single-family and multi-family residential uses as well as industrial and commercial uses where applicable. Domestic uses are also evaluated on an individual producer level and indoor and outdoor use is estimated. The aggregate of each individual producer's consumptive use, in conjunction with available surface flow data, estimates of subsurface flow between subareas, and imported water result in the annual change in storage calculation.

Figures 3-18 through 3-22 show the accumulated storage change annually in each Subarea. Change in storage in the groundwater basin is calculated by subtracting the sum of the elements of inflow including imports, from outflow, consumptive uses, and exports. The information shown on the figures is indicative of the sustainability of the water supply conditions in each subarea.

Various ranges, shown by color gradations from blue to red, were developed for the Alto (above Lower Narrows) and Centro Subareas. In Alto (Figure 3-18), the minimum operating level is the amount of calculated storage change as of 2016, during which time region wide problems of well performance or water quality were not reported. The maximum operating level is the minimum level plus 8 years of average annual consumptive use. Average annual consumptive use in Alto is about 55,000 acre-feet (1996-2024), representing a year of pumping under the land and water use conditions existing since 1996. As shown on figure 3-18, the basin has experienced a change of -510,826 acre-feet. We note that average water supply (2012-2024), as measured at the Forks, was only 69.4% of long-term average (1931-1990).

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 2024.

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

The optimal operating parameters for Este (Figure 3-21) have not been established, though the elements of water supply use and disposal appear to be balanced based on water level data for at least the past 20 years.

Elements of water production, water supply, and outflow in Oeste (Figure 3-22) are roughly in balance over the past 20 years. A detailed review of the water levels in Oeste over the past several years indicates a short-term stability in some areas. In order to reflect the relatively stable water levels as indicated in the regional well hydrographs, Table 3-2 reflects “no change in storage.”

MWA's 2020 Urban Water Management Plan considered three water system reliability scenarios for evaluating its water supply. The scenarios included both a normal year as well as a single year historic drought on the SWP and a five-year drought risk assessment. In part, the Operating Ranges for healthy long-term subarea operation as shown on Figures 3-18 and 3-19 are reflective of the dry year scenarios referenced in the 2020 UWMP. During the 20 years since Entry of Judgment, basin operating storage has ranged from a decline of approximately 3.4 years of consumptive use in Alto (189,342 acre-feet), and 3 years in Centro (55,105 acre-feet), to an increase of 4 years in Alto (226,489 acre-feet), and 7.9 years in Centro (143,337 acre-feet). The operating ranges, about 282,000 acre-feet in Alto and about 92,000 acre-feet in Centro, are well within the limits identified for dry year reliability envisioned by the 2020 UWMP. Since 1996, Baja has lost about 531,719 acre-feet of groundwater storage. There is concern that the Baja subarea could not sustain a continued reduction in storage.

TABLE 3-2

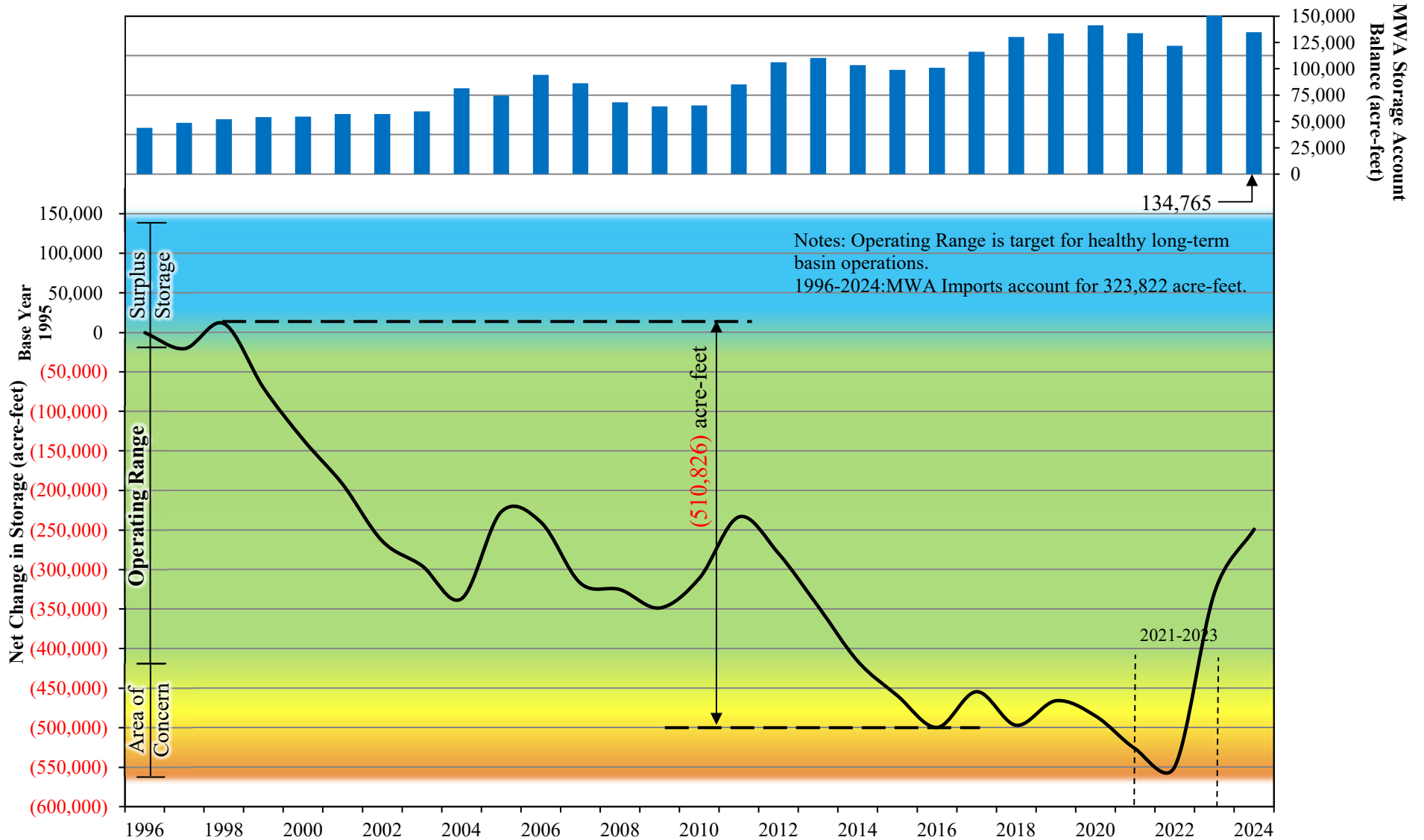
**ANNUAL CHANGE IN STORAGE BY SUBAREA
WATER YEAR 2023-24
(AMOUNTS IN ACRE-FEET)**

	<u>Este¹</u>	<u>Oeste²</u>	<u>Alto</u>	<u>Centro</u>	<u>Baja</u>	<u>Total</u>
Total Water Supply	3,846	2,837	126,687	47,504	4,716	185,590
Total Outflow and Consumptive Use	3,846	2,837	90,724	17,710	10,207	125,324
Net Change in Storage	0	0	35,963	29,794	(5,491)	60,266

Notes

1. Water level data indicates little or no change in storage on an average annual basis; water supply is estimated to balance outflow and consumptive use.
2. Short term water levels indicate balance supply and demand for the past 15-20 years. Assume change in storage = 0.

Alto Subarea above Lower Narrows Net Change in Storage and MWA Storage Account Balance Water Years 1996 through 2024



Operating range based on lowest amount in storage of -499,665 af, during which the basin was considered to be healthy, plus a supply of 8 average annual consumptive uses, with an average annual consumptive use equating to 55,177 af from 1996 through present. Surplus Storage and Area of Concern each represent 3 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.

FIGURE 3-18

Centro Subarea **Net Change in Storage and MWA Storage Account Balance** **Water Years 1996 through 2024**

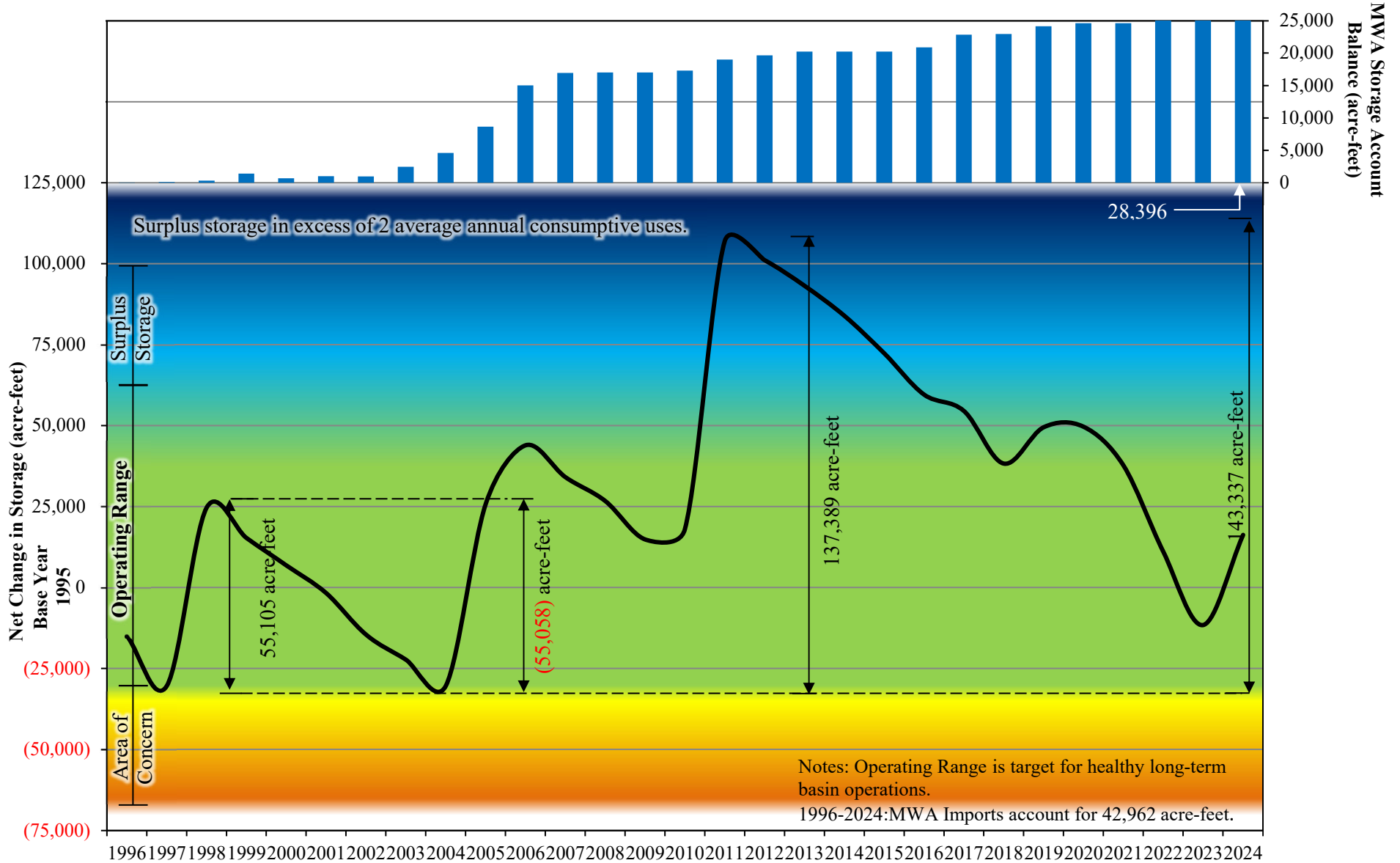
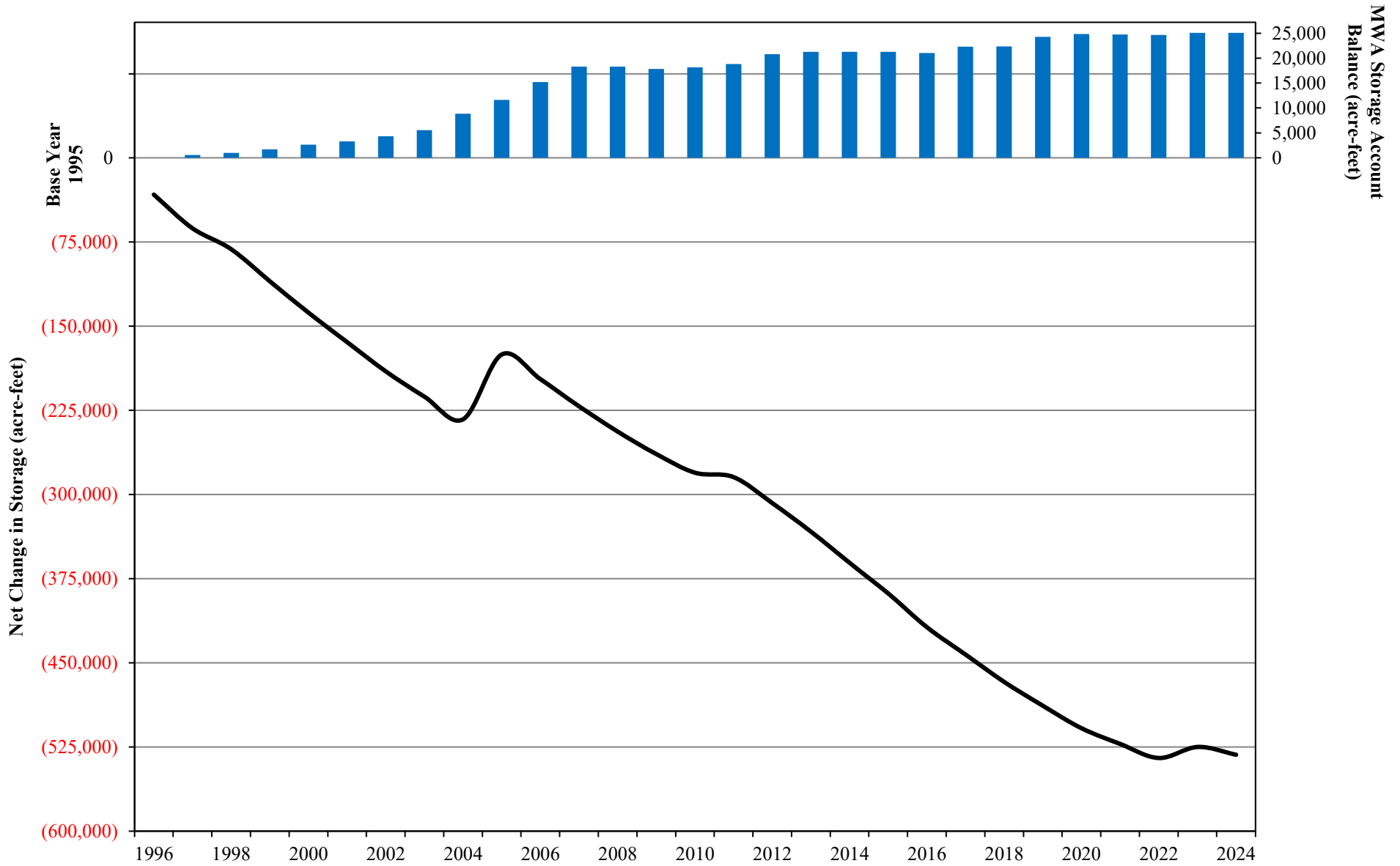


FIGURE 3-19

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 2024**



Note: Operating Range is not yet established.

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 2024

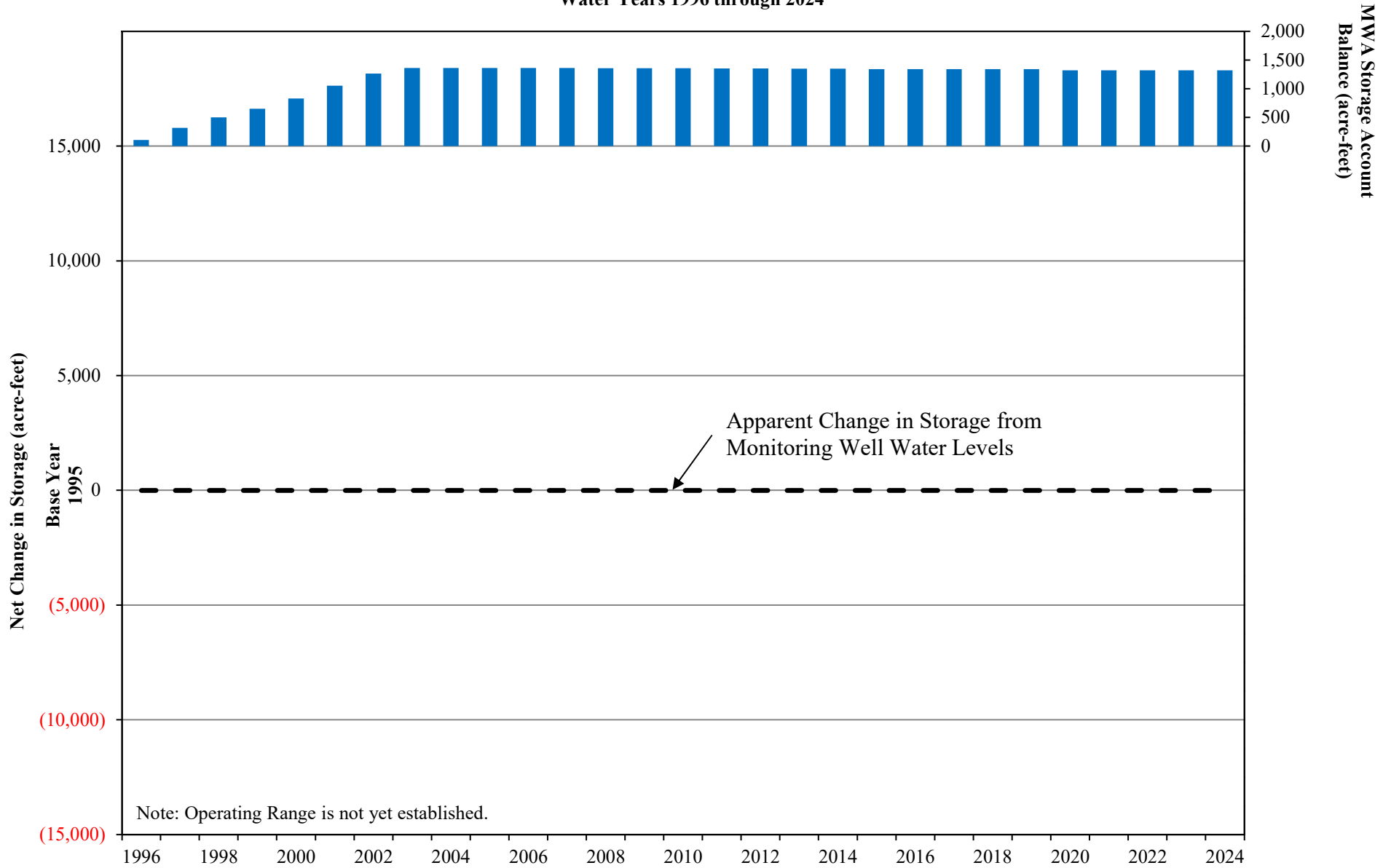


FIGURE 3-21

Oeste Subarea
Net Change in Storage and MWA Storage Account Balance
Water Years 1996 through 2024

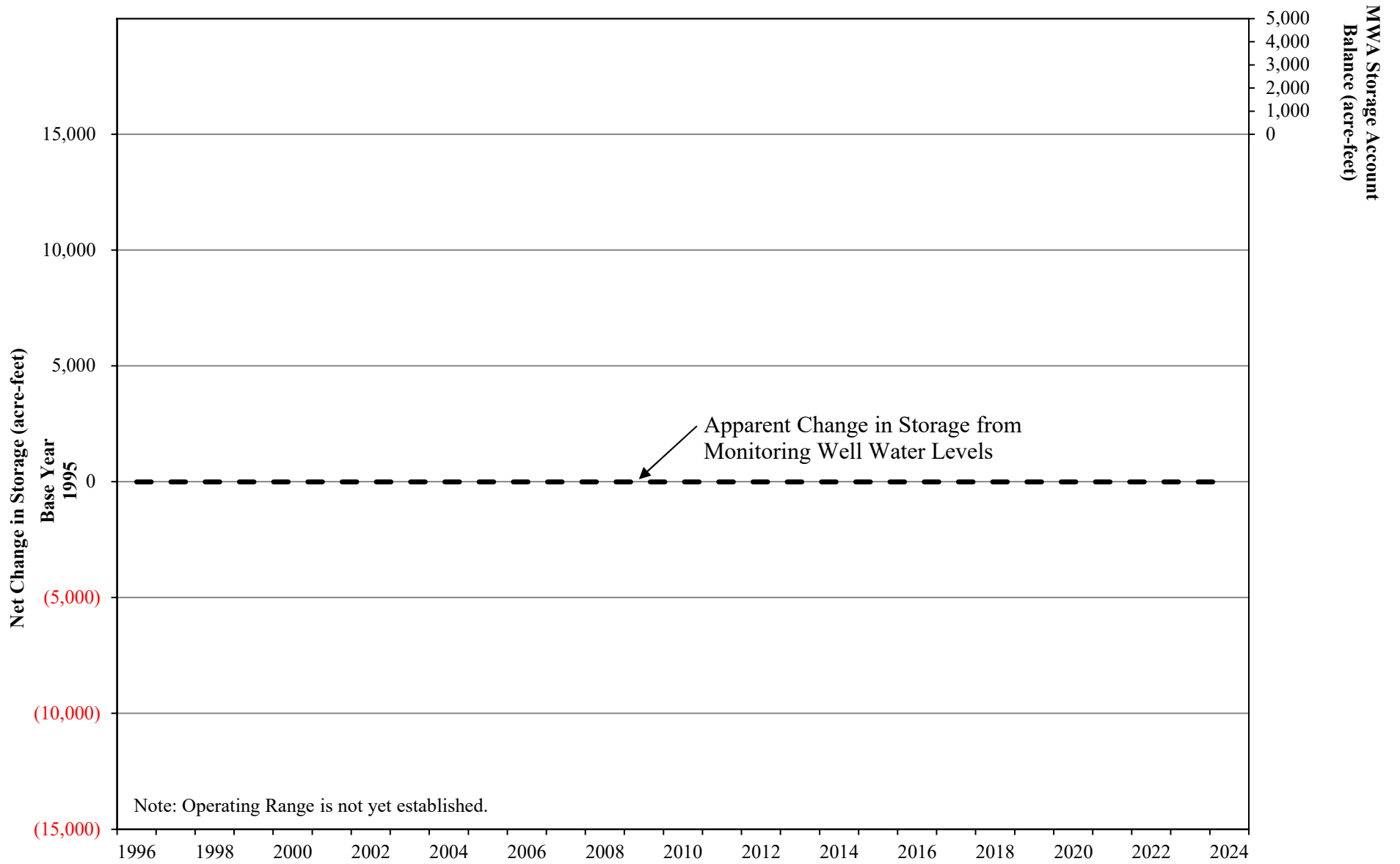


FIGURE 3-22

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, 2025.

Replacement Water

Each Producer's Replacement Water Obligation in each Subarea was calculated by subtracting that Producer's 2023-24 share of FPA (plus any transferred or carryover FPA) from that Producer's verified production in 2023-24. Each Producer's Replacement Water Assessment was calculated by multiplying that Producer's Replacement Water Obligation by the 2023-24 Replacement Water Assessment Rate of \$565.00 per acre-foot. In lieu of paying Replacement Water Assessments, a Producer may satisfy a Replacement Water Obligation in a Subarea by acquiring another Producer's Unused FPA from 2023-24 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 2025. Unused FPA during 2023-24 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 2023-24 in each Subarea.

TABLE 4-1

**SUMMARY OF REPLACEMENT WATER OBLIGATIONS
AND
REPLACEMENT WATER ASSESSMENTS FOR
WATER YEAR 2023-24**

<u>Subarea</u>	<u>Replacement Water Obligations</u> (acre-feet)	<u>Replacement Water Assessments</u>	<u>Unused FPA</u> (acre-feet)
Este	408	\$230,520.00	9,615
Oeste	0	\$0.00	3,421
Alto	26,033	\$14,708,645.00	13,508
Centro	123	\$69,495.00	26,404
Baja	1,380	\$779,700.00	10,622
Total	27,944	\$15,788,360.00	63,570

Makeup Water

The Base Flow determination of 8,636 acre-feet prepared by the Watermaster Engineer was presented to the Watermaster at the regularly scheduled meeting on January 22, 2025. Table 4-2 summarizes the flows credited to each Subarea obligation during Water Year 2023-24, the status of each Subarea at the end of the year and each minimum obligation for Water Year 2023-24. The Makeup Obligation from the Alto Subarea to the Centro Subarea for Water Year 2023-24 is 0 acre-feet. Table 4-3 shows the year over year Makeup Obligation from Alto to Centro beginning in Water Year 2014-15.

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 2023-24

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 2023-24					
Cumulative Obligation	6,000	24,000	690,000	36,000	12,000
Cumulative Flow	6,000	24,000	674,269	36,000	8,287
Net cumulative Credit (Debit)	0	0	(15,731)	0	(3,713)
Flow During 2023-24					
Base Flow	---	---	8,636	---	---
Subsurface Flow	200	800	2,000	1,200	249
Other Water	0	0	14,290	0	0
Makeup Water Purchased	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
Total Flow	200	800	24,926	1,200	249
Minimum Obligations for 2023-24	160	640	23,644	960	3,633
Makeup Obligation Incurred	0	0	0	0	3,384
Status at End of 2023-24					
Cumulative Obligation	6,200	24,800	713,000	37,200	12,400
Cumulative Flow	<u>6,200</u>	<u>24,800</u>	<u>699,195</u>	<u>37,200</u>	<u>8,536</u>
Net Cumulative Credit (Debit)	0	0	(13,805)	0	(3,864)
Minimum Obligation for 2024-25					
Annual Minimum	160	640	18,400	960	320
+ 1/3 of Cumulative Debit	0	0	4,602	0	1,288
+ Additional to reduce Cumulative Debit to Annual Obligation	0	0	0	0	2,176
Alternative Minimum for Alto ¹	---	---	---	---	---
Minimum Obligation for 2024-25	160	640	23,002	960	3,784 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 2014-15 THROUGH 2023-24

Water Year	<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>	<u>2022-23</u>	<u>2023-24</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	483,000	506,000	529,000	552,000	575,000	598,000	621,000	644,000	667,000	690,000
Cumulative Flow	<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>	<u>674,269</u>
Net cumulative Credit (Debit)	(14,589)	(15,732)	(17,535)	(18,795)	(20,804)	(20,520)	(20,565)	(21,143)	(20,878)	(15,731)
Flow During Water Year										
Base Flow	5,418	4,851	4,031	3,662	4,533	5,185	4,791	3,337	9,690	8,636
Subsurface Flow	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000	2,000
Other Water	12,926	12,940	13,262	12,824	13,077	13,719	13,346	15,095	14,274	14,290
Makeup Water Purchased	<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>	<u>2,183</u>	<u>0</u>
Total Flow	21,857	21,197	21,740	20,991	23,284	22,955	22,422	23,265	28,147	24,926
Minimum Obligations	23,263	23,644	24,245	24,665	25,335	25,240	25,255	25,448	25,359	23,644
Makeup Obligation Incurred	1,406	2,447	2,505	3,674	2,051	2,285	2,833	2,183	0	0
Status at End of Water Year										
Cumulative Obligation	506,000	529,000	552,000	575,000	598,000	621,000	644,000	667,000	690,000	713,000
Cumulative Flow	<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>	<u>674,269</u>	<u>699,195</u>
Net Cumulative Credit (Debit)	(15,732)	(17,535)	(18,795)	(20,804)	(20,520)	(20,565)	(21,143)	(20,878)	(15,731)	(13,805)
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	5,244	5,845	6,265	6,935	6,840	6,855	7,048	6,959	5,244	4,602
+ Additional to reduce Cumulative Debit to Annual Obligation	0	0	0	0	0	0	0	0	0	0
Alternative Minimum ¹	---	---	---	---	---	---	---	---	---	---
Minimum Obligation for Next Year	23,644	24,245	24,665	25,335	25,240	25,255	25,448	25,359	23,644	23,002

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

CHAPTER 5

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26

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

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

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

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

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

The PSY estimate includes long-term hydrology as specified in the Judgment, consumptive uses for 2021-22 (updated), phreatophyte use as updated in February 2025. Table 5-1 is not included in this 2023-24 Annual Report. The calculation for Table 5-1 will be updated upon completion of the RMBM.

The following table shows the current FPA for each Subarea and the estimated PSY as presented to the Court in June 2024.

<u>Subarea</u>	<u>Base Annual Production</u>	<u>2024-25 FPA</u>	<u>Production Safe Yield (2024)</u>	<u>Percent Difference¹</u>	<u>2023-24 Verified Production</u>
Alto	116,412	59,774	62,005	-1.9%	71,841
Baja	66,157	14,765	12,749	3.0%	8,512
Centro	51,030	29,274	31,420	-4.2%	15,093
Este	20,205	10,589	6,582	19.8%	3,804
Oeste	7,095	3,326	3,634	-4.3%	2,633

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

The following is the recommendation for setting FPA for Water Year 2025-26, until Watermaster completes a new PSY update, expected to be finalized for the 2026-27 Water Year FPA recommendation. The following amounts were set by the Court for the 2024-25 Water Year, except for the Este Subarea which was set at 50%. The FPA for Este for 2025-26 acknowledges that the FPA still exceeds the PSY of 6,582 acre-feet by more than 5%, resulting in additional Rampdown.

<u>Subarea</u>	<u>Proposed 2025-26 Free Production Allowance</u>
Alto	50.4% of Base Annual Production
Centro	56% of Base Annual Production
Baja	19.5% of Base Annual Production
Este	45% of Base Annual Production
Oeste	45% of Base Annual Production

Alto – 50.4% of BAP

We completed an analysis of the water supply conditions in Alto using the Upper Mojave Basin Model (UMBM) in 2024 and have adopted findings from the model to establish the PSY for Alto as indicated above. The current Regional Mojave Basin Model (RMBM) will include the TZ, and therefore all of the Alto subarea.

Consumptive use of water by riparian habitat in Alto is believed to have averaged 11,000 acre-feet per year, as established in 1995 by Lines and Bilhorn, and previously adopted as part of the Alto/Transition Zone water budget. Watermaster’s recent update of the riparian water use

using remote sensing technologies indicates an average annual consumptive use of 3,776 acre-feet per year for Alto upstream of the Lower Narrows and 6,178 acre-feet per year for the Transition Zone, totaling 9,954 acre-feet per year. In consideration of Exhibit H and the update for riparian habitat water use, we will consider input from the California Department of Fish and Wildlife (CDFW) when making recommendations for FPA for 2026-27.

We note that the 2024 model results for future basin response with the importation of 17,500 acre-feet per year results in about 9,000 acre-feet per year of additional flow through the Lower Narrows. This additional recharge in Alto will increase water levels upstream of the Lower Narrows and provide some protection for riparian habitat.

The RMBM is expected to be completed in time to base a recommendation for PSY and FPA for the 2026-27 Water Year. For now, it is recommended that Alto FPA remain at 50.4% of BAP for Water Year 2025-26.

Centro – 56% of BAP

PSY for Centro is being reevaluated with the completion of the RMBM, which will be used to recommend PSY and set FPA for Centro. We have updated the water balance for the Transition Zone, updated riparian habitat water use for Centro and completed new geophysical studies near the Helendale Fault. The geophysical study was presented at the February 5, 2025 workshop and again at the March 12, 2025 workshop.

The RMBM is expected to be completed in time to base a recommendation for PSY and FPA for the 2026-27 Water Year. For now, it is recommended that Centro FPA remain at 56% of BAP for Water Year 2025-26.

Baja – 19.5% of BAP

PSY for Baja has been updated based on a subarea wide assessment of water levels and decreases in pumping in Baja (2024 PSY Update, Appendix E). Pumping has declined 81% since entry of Judgment (1996) and 70% from the 2015 level. The pumping decline since 2016 has caused some water levels to slow the historic drop and even recover in some wells (see hydrographs, Figure 3-14). This trend is continuing based on the current water level data and is an indication that the PSY in Baja is close to the average amount of pumping for the past several years. Total pumping in Baja in 2023-24, including Minimal Producers, was 10,740 acre-feet. Also, as noted above, the water use estimates by riparian habitat have been updated. Watermaster's

estimate of riparian consumptive use with remote sensing shows an average consumptive use of 1,581 acre-feet per year for Baja, this is subject to further analysis and input from CDFW.

The RMBM is expected to be completed in time to base a recommendation for PSY and FPA for the 2026-27 Water Year. For now, it is recommended that the FPA in Baja remain at 19.5% of BAP as set by the Court for 2024-25, based on reductions in water level decline and water level recovery.

Este – 45% of BAP

PSY was reevaluated in 2024 and is indicated above. The Este water levels over a long period of time suggest there is very little loss of storage. However, the FPA is still greater than the current estimate of PSY in Este and consequently additional Rampdown is warranted. It is recommended that Este FPA be reduced by 5% to 45% for Water Year 2025-26.

Oeste – 45% of BAP

Mojave Water Agency (MWA) staff met with Phelan Pinon Hills Community Services District (PPHCSD) staff regarding water level response and inflow to the Oeste Subarea. MWA installed a stream gage at Sheep Creek Wash on February 6, 2024 and we have considered this information for our recommendation. We have also updated subsurface inflow estimates for Oeste based on evaluation of new data obtained from Sheep Creek Water Company, resulting in approximately 536 acre-feet of additional inflow. We will incorporate this into the PSY evaluation of Oeste.

The RMBM is expected to be completed in time to base a recommendation for PSY and FPA for the 2026-27 Water Year. For now, it is recommended that Oeste FPA remain at 45% of BAP for Water Year 2025-26.

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

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

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

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

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

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

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

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

⁶ Estimated by Bookman-Edmonston.

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

TABLE 5-1

To be determined

CHAPTER 6

FINANCIAL REPORT PROPOSED BUDGET AND ASSESSMENT RATES

Statements of Revenues, Expenses and Changes in Net Position

	<u>2023</u>	<u>2024</u>
Operating Revenue	\$ 5,568,896.00	\$ 2,303,468.00
Operating Expenses	5,455,687.00	1,994,518.00
Non-operating Revenue (Expense)	19,727.00	(3,313.00)
Change in Net Position	132,936.00	305,637.00
Net Position, beginning of year	791,715.00	924,651.00
Net Position, end of year	\$ 924,651.00	\$ 1,230,288.00

The Auditor's Report for Fiscal Year 2023-24 ending June 30, 2024 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, 2024 was \$916,333.00.

Administrative Budget for 2025-26

The Administrative Budget for 2025-26 is \$651,179 and is shown on Table 6-1.

Summary of Makeup Water Purchases

The Watermaster purchased 0 acre-feet of Makeup water during the 2023-24 Water Year for the Centro Subarea.

Summary of Replacement Water Purchases

Replacement water purchases by Watermaster during 2023-24 are as follows:

Alto ¹	2,760	acre-feet
Baja	10	acre-feet
Centro	15	acre-feet
Este	0	acre-feet
Oeste	0	acre-feet
Total	2,785	acre-feet

¹ 1,148 acre-feet of Alto Replacement water was pre-purchased under the MWA Claim Program.

² 2,098 acre-feet was pre-stored under a storage agreement.

Administrative and Biological Assessment Rates for 2025-26

The Administrative and Biological Assessment Rates for 2025-26 adopted by the Watermaster on April 23, 2025 are as follows:

Administrative	\$ 5.85 per acre-foot of Production
Biological Resources	\$ 1.23 per acre-foot of Production

Projected Replacement and Makeup Water Assessment Rates for 2024-25 and 2025-26

The Replacement and Makeup Water Assessment Rates projected by the Watermaster on April 23, 2025 are as follows:

Replacement and Makeup Water Rate

2024-25	<i>Not to Exceed</i> \$624.00 per acre-foot ¹ (Invoice Date 6-1-2026)
2025-26	\$637.00 per acre-foot (projected) ² (Invoice Date 6-1-2027)

¹ This rate is for obligations incurred in the 2024-25 Water Year which will be billed in June 2026. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency in February 2026.

² This is a projected rate for obligations incurred in the 2025-26 Water Year which will be billed in June 2027. The fixed rate that will be used for invoicing will be determined by the Mojave Water Agency in February 2027.

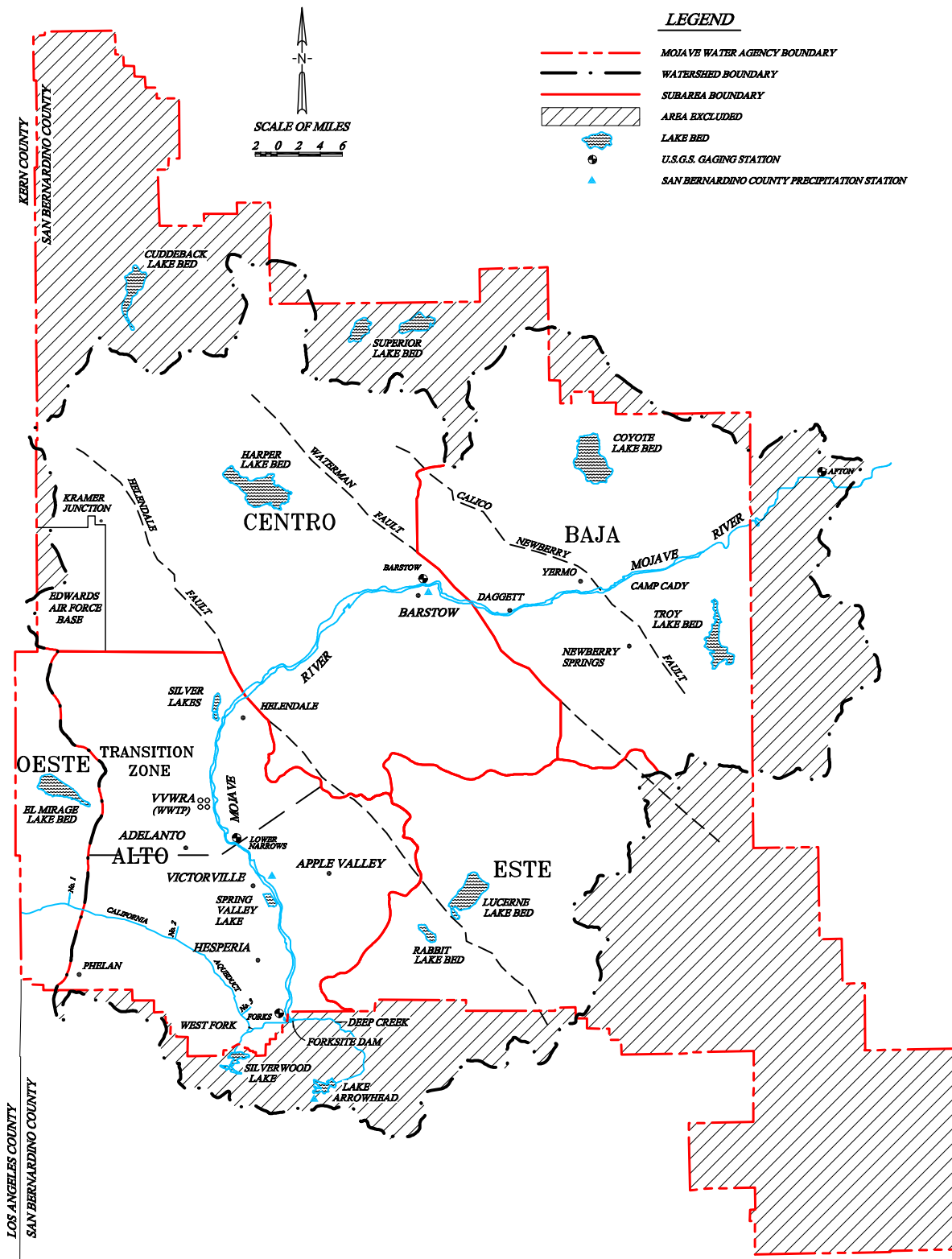
TABLE 6-1

**MOJAVE BASIN AREA WATERMASTER
ADMINISTRATIVE BUDGET
FOR WATER YEAR 2025-26**

1.	Administrative Services	\$ 439,579.00
2.	Engineering Services	\$ 112,200.00
3.	Legal Services	\$ 95,000.00
4.	Audit Services	\$ 4,400.00
Total Estimated Budget		<u>\$ 651,179.00</u>

APPENDIX A

MAP OF THE MOJAVE BASIN AREA



APPENDIX B

PRODUCER REPLACEMENT WATER AND MAKEUP WATER OBLIGATIONS AND ASSESSMENTS DUE FOR 2023-24

APPENDIX B
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND

ASSESSMENTS DUE FOR 2023-24
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ESTE SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						PRODUCTION								ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION ALLOWANCE ¹	BASE FREE PRODUCTION FROM ²	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER N/A	TOTAL			
				2022-23	2023-24												
				CARRYOVER ³	FPA ⁴												
PRODUCER	PRODUCTION	ALLOWANCE ¹	PREVIOUS YEAR ²	CARRYOVER ³	FPA ⁴	TOTAL ⁵	PRODUCTION ⁶	FPA ⁷	WATER OBLIGATION ⁸	MAKEUP OBLIGATION ⁹	WATER OBLIGATION	WATER \$565.00/AF	WATER N/A	TOTAL			
ABDUL, HARRY AND ANITA	194	107	117	0	0	224	0	107	0	0	0.00	0.00	0.00	0.00			
ABSHIRE, DAVID V.	24	14	0	0	0	14	14	0	0	14	0.00	0.00	0.00	0.00			
AHN REVOCABLE LIVING TRUST	0	0	0	0	0	0	38	0	38	0	0.00	21,470.00	0.00	21,470.00			
AHN REVOCABLE TRUST	28	16	17	0	0	33	9	16	0	9	0.00	0.00	0.00	0.00			
AHN, CHUN SOO AND DAVID	400	220	240	(100)	0	360	0	220	0	0	0.00	0.00	0.00	0.00			
AMERICA UNITED DEVELOPMENT, LLC	500	275	300	0	0	575	0	275	0	0	0.00	0.00	0.00	0.00			
ANDERSON, ROSS C. AND BETTY J.	34	19	21	0	0	40	0	19	0	0	0.00	0.00	0.00	0.00			
AVILA, ANGEL AND EVALIA	573	316	344	0	0	660	79	316	0	79	0.00	0.00	0.00	0.00			
BAR H MUTUAL WATER COMPANY	53	30	32	0	0	62	25	30	0	25	0.00	0.00	0.00	0.00			
BELL, CHARLES H. TRUST DATED MARCH 7, 2014	494	272	297	0	0	569	285	272	0	285	0.00	0.00	0.00	0.00			
CASA COLINA FOUNDATION	90	50	54	0	0	104	51	50	0	51	0.00	0.00	0.00	0.00			
CENTER WATER COMPANY	40	22	24	0	0	46	19	22	0	19	0.00	0.00	0.00	0.00			
CHUNG, ET AL.	0	0	0	0	0	0	18	0	18	0	0.00	10,170.00	0.00	10,170.00			
CLUB VIEW PARTNERS	1,276	702	766	(35)	0	1,433	0	702	0	0	0.00	0.00	0.00	0.00			
COME MISSION, INC.	0	0	0	0	0	0	13	0	13	0	0.00	7,345.00	0.00	7,345.00			
CROSS, SHARON I.	23	13	14	0	0	27	1	13	0	1	0.00	0.00	0.00	0.00			
CROWN CAMBRIA, LLC	90	50	54	0	0	104	0	50	0	0	0.00	0.00	0.00	0.00			
DACOSTA, DEAN EDWARD	56	31	34	0	0	65	1	31	0	1	0.00	0.00	0.00	0.00			
DAHLQUIST, GEORGE R.	324	179	195	0	0	374	0	179	0	0	0.00	0.00	0.00	0.00			
DESERT DAWN MUTUAL WATER COMPANY	15	9	0	0	0	9	15	0	6	9	0.00	3,390.00	0.00	3,390.00			
DESERT GIRLZ LLC	299	165	180	0	0	345	88	165	0	88	0.00	0.00	0.00	0.00			
DESERT SPRINGS MUTUAL WATER COMPANY	78	43	47	0	0	90	39	43	0	39	0.00	0.00	0.00	0.00			
DOUGLASS, TINA	50	28	30	0	0	58	1	28	0	1	0.00	0.00	0.00	0.00			
GABRYCH, EUGENE	2,201	1,211	1,321	0	0	2,532	0	1,211	0	0	0.00	0.00	0.00	0.00			
GAETA, MIGUEL AND MARIA	1,500	825	900	0	0	1,725	1	825	0	1	0.00	0.00	0.00	0.00			
GAETA, TRINIDAD	512	282	308	0	0	590	53	282	0	53	0.00	0.00	0.00	0.00			
GARDENA MISSION CHURCH, INC.	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00			
GAYJIKIAN, SAMUEL AND HAZEL	102	57	62	0	0	119	1	57	0	1	0.00	0.00	0.00	0.00			
GOLDEN STATE WATER COMPANY	178	98	82	0	0	180	137	43	0	137	0.00	0.00	0.00	0.00			
GOLF INVESTMENTS LLC	0	0	0	0	0	0	1	0	1	0	0.00	565.00	0.00	565.00			
GORDON ACRES WATER COMPANY	54	30	32	0	0	62	32	30	0	32	0.00	0.00	0.00	0.00			
GUBLER, HANS	30	17	18	0	0	35	11	17	0	11	0.00	0.00	0.00	0.00			
HARVEY, LISA M.	300	165	180	0	0	345	4	165	0	4	0.00	0.00	0.00	0.00			
HI-GRADE MATERIALS COMPANY	442	244	266	0	0	510	138	244	0	138	0.00	0.00	0.00	0.00			
HITCHIN LUCERNE, INC.	16	9	10	0	0	19	11	8	0	11	0.00	0.00	0.00	0.00			
JONES TRUST DATED MARCH 16, 2002	66	37	40	0	0	77	0	37	0	0	0.00	0.00	0.00	0.00			
JUBILEE MUTUAL WATER COMPANY	142	79	0	0	0	79	108	0	29	79	0.00	16,385.00	0.00	16,385.00			
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	21	23	0	0	44	73	0	29	44	0.00	16,385.00	0.00	16,385.00			
KIM, JU SANG	30	17	18	0	0	35	1	17	0	1	0.00	0.00	0.00	0.00			

APPENDIX B
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2023-24

APRIL 23, 2025

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

ESTE SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2022-23 CARRYOVER ³	2023-24 FPA ⁴							WATER	WATER	
												\$565.00/AF	N/A	
LEE, ANNA K. AND ESHBAN K.	33	19	20	0	0	39	0	19	0	0	0.00	0.00	0.00	0.00
LEE, DOO HWAN	78	43	47	0	0	90	0	43	0	0	0.00	0.00	0.00	0.00
LOPEZ, BALTAZAR	385	212	231	0	0	443	0	212	0	0	0.00	0.00	0.00	0.00
LUA, MICHAEL T. AND DONNA S.	348	192	209	0	0	401	0	192	0	0	0.00	0.00	0.00	0.00
LUCERNE VALLEY MUTUAL WATER COMPANY	54	30	33	0	0	63	27	30	0	27	0.00	0.00	0.00	0.00
LUCERNE VALLEY PARTNERS	1,213	668	728	0	0	1,396	0	668	0	0	0.00	0.00	0.00	0.00
LUCERNE VALLEY UNIFIED SCHOOL DISTRICT	200	110	120	0	0	230	87	110	0	87	0.00	0.00	0.00	0.00
LUCERNE VISTA MUTUAL WATER COMPANY	21	12	3	0	0	15	16	0	1	15	0.00	565.00	0.00	565.00
M.B. LANDSCAPING AND NURSERY, INC.	1,773	976	737	0	0	1,713	1,470	243	0	1,470	0.00	0.00	0.00	0.00
MITSUBISHI CEMENT CORPORATION	1,395	768	837	(170)	0	1,435	415	768	0	415	0.00	0.00	0.00	0.00
MONACO INVESTMENT COMPANY	70	39	42	0	0	81	0	39	0	0	0.00	0.00	0.00	0.00
MOSS, LAWRENCE W. AND HELEN J.	43	24	24	0	0	48	19	24	0	19	0.00	0.00	0.00	0.00
NORRIS TRUST, MARY ANN	73	41	44	0	0	85	1	41	0	1	0.00	0.00	0.00	0.00
OASIS WORLD MISSION	0	0	0	0	0	0	64	0	64	0	0.00	36,160.00	0.00	36,160.00
OMYA CALIFORNIA, INC.	23	13	0	0	0	13	32	0	19	13	0.00	10,735.00	0.00	10,735.00
PAK, KAE SOO AND MYONG HUI KANG	247	136	149	(18)	0	267	27	136	0	27	0.00	0.00	0.00	0.00
PETTIGREW, DAN	22	13	14	0	0	27	0	13	0	0	0.00	0.00	0.00	0.00
REED, MIKE	58	32	35	0	0	67	1	32	0	1	0.00	0.00	0.00	0.00
RHEE, ANDREW N.	70	39	42	0	0	81	20	39	0	20	0.00	0.00	0.00	0.00
ROBERTSON'S READY MIX	0	0	0	0	0	0	109	0	109	0	0.00	61,585.00	0.00	61,585.00
ROYAL WAY	200	110	120	0	0	230	48	110	0	48	0.00	0.00	0.00	0.00
S AND E 786 ENTERPRISES, LLC	597	329	359	0	0	688	0	329	0	0	0.00	0.00	0.00	0.00
SABA FAMILY TRUST DATED JULY 24, 2018	1,120	616	672	0	0	1,288	0	616	0	0	0.00	0.00	0.00	0.00
SAN BERNARDINO COUNTY SERVICE AREA 29	40	22	0	0	0	22	64	0	42	22	0.00	23,730.00	0.00	23,730.00
SON'S RANCH	140	77	84	0	0	161	49	77	0	49	0.00	0.00	0.00	0.00
SPECIALTY MINERALS, INC.	52	29	0	0	0	29	68	0	39	29	0.00	22,035.00	0.00	22,035.00
SPILLMAN, JAMES R. AND NANCY J.	23	13	14	0	0	27	5	13	0	5	0.00	0.00	0.00	0.00
WEST END MUTUAL WATER COMPANY	30	17	14	(10)	0	21	15	6	0	15	0.00	0.00	0.00	0.00
WILSHIRE ROAD PARTNERS	692	381	416	0	0	797	0	381	0	0	0.00	0.00	0.00	0.00
TOTAL	19,251	10,614	11,020	(333)	0	21,301	3,804	9,615	408	3,396	0.00	230,520.00	0.00	230,520.00

APPENDIX B
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2023-24

APRIL 23, 2025

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

OESTE SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER N/A	TOTAL
				2022-23	2023-24									
				CARRYOVER ³	FPA ⁴									
AEROCHEM, INC.	660	330	363	0	0	693	3	330	0	3	0.00	0.00	0.00	0.00
CHAMISAL MUTUAL WATER COMPANY	96	48	53	0	0	101	33	48	0	33	0.00	0.00	0.00	0.00
HANDRINOS, NICOLE A.	7	4	4	0	0	8	0	4	0	0	0.00	0.00	0.00	0.00
HETTINGA REVOCABLE TRUST	1,302	651	717	0	0	1,368	13	651	0	13	0.00	0.00	0.00	0.00
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 10)	4,680	2,340	2,574	0	0	4,914	2,582	2,332	0	2,582	0.00	0.00	0.00	0.00
TROEGER FAMILY TRUST, RICHARD H.	112	56	62	0	0	118	2	56	0	2	0.00	0.00	0.00	0.00
TOTAL	6,857	3,429	3,773	0	0	7,202	2,633	3,421	0	2,633	0.00	0.00	0.00	0.00

APPENDIX B
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2023-24

APRIL 23, 2025

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

ALTO SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER \$565.00/AF	TOTAL
				2022-23 CARRYOVER ³	2023-24 FPA ⁴									
ADELANTO, CITY OF (SEE NOTE 13)	5,182	2,612	0	0	0	2,612	4,248	0	1,636	2,612	0.00	924,340.00	0.00	924,340.00
ADES, JOHN AND DEVON	37	19	19	(19)	0	19	2	17	0	2	0.00	0.00	0.00	0.00
AGCON, INC.	384	194	0	0	0	194	246	0	52	194	0.00	29,380.00	0.00	29,380.00
AMERICAN STATES WATER COMPANY	1,000	504	545	(545)	0	504	0	505	0	0	0.00	0.00	0.00	0.00
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	85	39	0	0	124	88	36	0	88	0.00	0.00	0.00	0.00
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	137	70	0	0	0	70	105	0	35	70	0.00	19,775.00	0.00	19,775.00
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	19	0	0	0	19	22	0	3	19	0.00	1,695.00	0.00	1,695.00
APPLE VALLEY, TOWN OF	1,082	546	542	(542)	0	546	463	83	0	463	0.00	0.00	0.00	0.00
BASS TRUST, NEWTON T.	514	260	278	(278)	0	260	4	256	0	4	0.00	0.00	0.00	0.00
BASTIANON REVOCABLE TRUST	77	39	41	(41)	0	39	1	38	0	1	0.00	0.00	0.00	0.00
BEINSCHROTH FAMILY TRUST	275	139	141	(141)	0	139	9	130	0	9	0.00	0.00	0.00	0.00
BEINSCHROTH, ANDY ERIC	250	126	136	(136)	0	126	1	126	0	1	0.00	0.00	0.00	0.00
BOX, GEARY S. AND LAURA	22	12	10	(10)	0	12	2	10	0	2	0.00	0.00	0.00	0.00
BROWN FAMILY TRUST DATED AUGUST 11, 1999	42	22	22	(22)	0	22	1	21	0	1	0.00	0.00	0.00	0.00
BROWN, JENNIFER	41	21	21	(21)	0	21	2	19	0	2	0.00	0.00	0.00	0.00
BRUNEAU, KAREN	10	6	4	(4)	0	6	2	4	0	2	0.00	0.00	0.00	0.00
BRYANT FAMILY TRUST DATED MAY 9, 2007	29	15	16	(16)	0	15	0	15	0	0	0.00	0.00	0.00	0.00
BUNNELL, DICK	24	13	12	(12)	0	13	2	11	0	2	0.00	0.00	0.00	0.00
CALMAT COMPANY	25	13	10	(10)	0	13	4	9	0	4	0.00	0.00	0.00	0.00
CALPORTLAND COMPANY - AGRICULTURE	643	325	350	(350)	0	325	0	325	0	0	0.00	0.00	0.00	0.00
CALPORTLAND COMPANY - ORO GRANDE PLANT	2,809	1,416	601	(601)	0	1,416	796	620	0	796	0.00	0.00	0.00	0.00
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	1,062	0	0	0	1,062	1,536	0	474	1,062	0.00	267,810.00	0.00	267,810.00
CDFW - MOJAVE RIVER FISH HATCHERY (SEE NOTE 11)	20	11	0	0	0	11	20	0	0	0	0.00	0.00	0.00	0.00
CEMEX, INC.	1,499	756	0	0	0	756	1,169	0	413	756	0.00	233,345.00	0.00	233,345.00
DLW REVOCABLE TRUST	70	36	39	(39)	0	36	0	36	0	0	0.00	0.00	0.00	0.00
DOLCH LIVING TRUST ROBERT AND JUDITH	90	46	49	(49)	0	46	0	46	0	0	0.00	0.00	0.00	0.00
DORA LAND, INC.	15	8	9	(9)	0	8	0	8	0	0	0.00	0.00	0.00	0.00
EAST DESERT LAND COMPANY, LLC (SEE NOTE 12)	0						1,123							
EVENSON, EDWIN H. AND JOYCELAINE C.	70	36	39	0	0	75	1	36	0	1	0.00	0.00	0.00	0.00
FEDERAL BUREAU OF PRISONS, VICTORVILLE	686	346	0	0	0	346	0	346	0	0	0.00	0.00	0.00	0.00
FINCH, JENIFER	30	16	17	(17)	0	16	0	16	0	0	0.00	0.00	0.00	0.00
FISCHER REVOCABLE LIVING TRUST	36	19	19	(19)	0	19	0	19	0	0	0.00	0.00	0.00	0.00
FISHER TRUST, JEROME R.	633	320	345	(345)	0	320	0	320	0	0	0.00	0.00	0.00	0.00
FITZWATER, R. E. (SEE NOTE 12)	291						1							

APPENDIX B

APRIL 23, 2025

PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2023-24
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)

ALTO SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER \$565.00/AF	TOTAL	
				2022-23 CARRYOVER ³	2023-24 FPA ⁴										

GOLDEN STATE WATER COMPANY	940	474	0	0	0	474	911	0	437	474	0.00	246,905.00	0.00	246,905.00
GREEN ACRES ESTATES	25	13	14	0	0	27	6	13	0	6	0.00	0.00	0.00	0.00
GULBRANSON, MERLIN	5	3	3	0	0	6	0	3	0	0	0.00	0.00	0.00	0.00
HAAS, BRYAN C. AND HINKLE, MARY H.	9	5	5	(5)	0	5	0	5	0	0	0.00	0.00	0.00	0.00
HALANNA EQUITIES III	19	10	7	(7)	0	10	5	5	0	5	0.00	0.00	0.00	0.00
HAMILTON FAMILY TRUST	108	55	40	(40)	0	55	21	34	0	21	0.00	0.00	0.00	0.00
HELENDALE COMMUNITY SERVICES DISTRICT	4,157	2,096	802	(802)	0	2,096	1,495	601	0	1,495	0.00	0.00	0.00	0.00
HELENDALE SCHOOL DISTRICT	18	10	10	0	0	20	1	10	0	1	0.00	0.00	0.00	0.00
HESPERIA - GOLF COURSE, CITY OF	678	342	81	(81)	0	342	348	0	6	342	0.00	3,390.00	0.00	3,390.00
HESPERIA VENTURE I, LLC	0	0	0	0	0	0	1	0	1	0	0.00	565.00	0.00	565.00
HESPERIA WATER DISTRICT	14,541	7,329	0	1,308	0	8,637	13,686	0	5,049	8,637	0.00	2,852,685.00	0.00	2,852,685.00
HESPERIA, CITY OF	6,736	3,395	3,665	(3,665)	0	3,395	0	3,395	0	0	0.00	0.00	0.00	0.00
HI-GRADE MATERIALS COMPANY	149	76	56	(56)	0	76	30	46	0	30	0.00	0.00	0.00	0.00
HOLWAY JEFFREY R AND PATRICIA GAGE	8	5	5	(5)	0	5	0	5	0	0	0.00	0.00	0.00	0.00
HOLWAY, JEFFREY R	11	6	6	(6)	0	6	0	6	0	0	0.00	0.00	0.00	0.00
HOLY HEAVENLY LAKE, LLC	6	4	4	(4)	0	4	0	4	0	0	0.00	0.00	0.00	0.00
HUNT, CONNIE	66	34	36	(36)	0	34	0	34	0	0	0.00	0.00	0.00	0.00
JAMBOREE HOUSING CORPORATION	0	0	0	0	0	0	39	0	39	0	0.00	22,035.00	0.00	22,035.00
JESS RANCH WATER COMPANY	7,230	3,644	3,176	(3,176)	273	3,917	588	3,329	0	588	0.00	0.00	0.00	0.00
JOHNSON, CARLEAN F. TRUST DATED 10/29/2004	23	12	1	0	0	13	8	5	0	8	0.00	0.00	0.00	0.00
JOHNSON, PAUL - INDUSTRIAL	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
JOHNSON, RONALD	31	16	17	(17)	0	16	0	16	0	0	0.00	0.00	0.00	0.00
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	65	65	(65)	0	65	2	63	0	2	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	239	206	(206)	0	239	13	226	0	13	0.00	0.00	0.00	0.00
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	332	358	(358)	0	332	0	332	0	0	0.00	0.00	0.00	0.00
LANGLEY, JAMES	5	3	3	(3)	0	3	0	3	0	0	0.00	0.00	0.00	0.00
LANGLEY, JAMES - INDUSTRIAL	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
LAWSON, ERNEST AND BARBARA	15	8	8	(8)	0	8	1	7	0	1	0.00	0.00	0.00	0.00
LENHERT, RONALD AND TONI	37	19	21	0	0	40	8	19	0	8	0.00	0.00	0.00	0.00
LHC ALLIGATOR, LLC	498	251	271	(271)	0	251	0	251	0	0	0.00	0.00	0.00	0.00
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP. (SEE NOTE 13)	13,610	6,860	0	0	(273)	6,587	8,997	0	2,410	6,587	0.00	1,361,650.00	0.00	1,361,650.00
LOW, DEAN	199	101	109	(109)	0	101	0	101	0	0	0.00	0.00	0.00	0.00
MARIANA RANCHOS COUNTY WATER DISTRICT	280	142	0	0	0	142	227	0	85	142	0.00	48,025.00	0.00	48,025.00
MCKINNEY, PAULA	23	12	18	(18)	0	12	0	12	0	0	0.00	0.00	0.00	0.00
MLH, LLC	13	7	6	0	0	13	8	5	0	8	0.00	0.00	0.00	0.00
MOJAVE DESERT LAND TRUST	40	21	22	0	0	43	1	21	0	1	0.00	0.00	0.00	0.00

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ALTO SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2022-23 CARRYOVER ³	2023-24 FPA ⁴							WATER	WATER	
												\$565.00/AF	\$565.00/AF	
MOJAVE WATER AGENCY (SEE NOTE 14)	0	0	0	0	0	0	29	0	29	0	0.00	16,385.00	0.00	16,385.00
NAVAJO MUTUAL WATER COMPANY	88	45	29	0	0	74	23	45	0	23	0.00	0.00	0.00	0.00
NUÑEZ, LUIS SEGUNDO	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
NUNN FAMILY TRUST	36	19	19	(19)	0	19	1	18	0	1	0.00	0.00	0.00	0.00
ORO GRANDE SCHOOL DISTRICT	107	54	0	0	0	54	90	0	36	54	0.00	20,340.00	0.00	20,340.00
PAUSTELL, JOAN BEINSCHROTH	132	67	78	(78)	0	67	0	67	0	0	0.00	0.00	0.00	0.00
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	179	194	(84)	0	289	61	179	0	61	0.00	0.00	0.00	0.00
POLICH, DONNA	65	33	36	(36)	0	33	0	33	0	0	0.00	0.00	0.00	0.00
RANCHERITOS MUTUAL WATER COMPANY	169	86	12	0	0	98	88	10	0	88	0.00	0.00	0.00	0.00
RIM PROPERTIES, LLC	9	5	5	(5)	0	5	0	5	0	0	0.00	0.00	0.00	0.00
ROBERTSON'S READY MIX	20	11	11	0	0	22	6	11	0	6	0.00	0.00	0.00	0.00
RUE RANCH, INC.	30	16	16	(16)	0	16	1	15	0	1	0.00	0.00	0.00	0.00
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENT	0	0	0	0	0	0	242	0	242	0	0.00	136,730.00	0.00	136,730.00
SAN BERNARDINO COUNTY SERVICE AREA 42	465	235	204	(204)	0	235	78	157	0	78	0.00	0.00	0.00	0.00
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	1,927	0	0	0	1,927	2,649	0	722	1,927	0.00	407,930.00	0.00	407,930.00
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	512	0	0	0	512	1,776	0	1,264	512	0.00	714,160.00	0.00	714,160.00
SCRAY, MICHELLE A. TRUST	15	8	8	(8)	0	8	1	7	0	1	0.00	0.00	0.00	0.00
SHEEP CREEK WATER COMPANY	0	0	0	0	0	0	1	0	1	0	0.00	565.00	0.00	565.00
SILVER LAKES ASSOCIATION	4,987	2,514	0	84	0	2,598	3,080	0	482	2,598	0.00	272,330.00	0.00	272,330.00
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	1,900	0	0	0	1,900	2,032	0	132	1,900	0.00	74,580.00	0.00	74,580.00
SPRING VALLEY LAKE COUNTRY CLUB	977	493	51	0	0	544	543	1	0	543	0.00	0.00	0.00	0.00
STORM, RANDALL	62	32	34	(34)	0	32	0	32	0	0	0.00	0.00	0.00	0.00
SUDMEIER, GLENN W.	20	11	10	(10)	0	11	1	10	0	1	0.00	0.00	0.00	0.00
SUMMIT VALLEY RANCH, LLC	57	29	13	(13)	0	29	18	11	0	18	0.00	0.00	0.00	0.00
TAYLOR, SHARON L. (FORMERLY: WARD, BARBARA)	65	33	0	0	0	33	9	24	0	9	0.00	0.00	0.00	0.00
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	211	226	(226)	0	211	2	209	0	2	0.00	0.00	0.00	0.00
THOMPSON LIVING TRUST, R.L. AND R.A.	0	0	2	(2)	0	0	1	0	1	0	0.00	565.00	0.00	565.00
THRASHER, GARY	373	188	202	(202)	0	188	1	187	0	1	0.00	0.00	0.00	0.00
THUNDERBIRD COUNTY WATER DISTRICT	126	64	0	0	0	64	122	0	58	64	0.00	32,770.00	0.00	32,770.00
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	26	14	15	0	0	29	0	14	0	0	0.00	0.00	0.00	0.00
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	121	0	0	0	121	375	0	254	121	0.00	143,510.00	0.00	143,510.00
VICTOR VALLEY MEMORIAL PARK	0	0	0	0	0	0	69	0	69	0	0.00	38,985.00	0.00	38,985.00
VICTORVILLE WATER DISTRICT, ID#1 (SEE NOTE 13)	23,380	11,784	0	0	0	11,784	19,770	0	7,986	11,784	0.00	4,512,090.00	0.00	4,512,090.00
VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 13)	2,932	1,478	0	0	0	1,478	4,472	0	2,994	1,478	0.00	1,691,610.00	0.00	1,691,610.00

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ALTO SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)							
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER \$565.00/AF	TOTAL
				2022-23 CARRYOVER ³	2023-24 FPA ⁴									
VOGLER, ALBERT H.	62	32	34	(34)	0	32	0	32	0	0	0.00	0.00	0.00	0.00
WAGNER LIVING TRUST	1,224	617	666	(666)	0	617	0	617	0	0	0.00	0.00	0.00	0.00
WAKULA FAMILY TRUST	11	6	5	(5)	0	6	1	5	0	1	0.00	0.00	0.00	0.00
WARD, BARBARA	0	0	24	(24)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
WEST, HOWARD AND SUZY	72	37	40	(40)	0	37	0	37	0	0	0.00	0.00	0.00	0.00
WEST, JIMMIE E.	10	6	5	(5)	0	6	1	5	0	1	0.00	0.00	0.00	0.00
WESTERN WATER COMPANY	15	8	9	0	0	17	0	8	0	0	0.00	0.00	0.00	0.00
WESTLAND INDUSTRIES, INC.	54	28	30	0	0	58	54	4	0	54	0.00	0.00	0.00	0.00
WIENER, MELVIN AND MARIAM S.	30	16	17	0	0	33	0	16	0	0	0.00	0.00	0.00	0.00
TOTAL	114,308	57,520	14,314	(12,483)	0	59,351	71,841	13,362	24,910	45,787	0.00	14,074,150.00	0.00	14,074,150.00

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PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2022-23 CARRYOVER ³	2023-24 FPA ⁴							WATER	WATER	
												\$565.00/AF	N/A	
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	29	16	18	0	0	34	0	16	0	0	0.00	0.00	0.00	0.00
BAR-LEN MUTUAL WATER COMPANY	48	27	29	0	0	56	33	23	0	33	0.00	0.00	0.00	0.00
BARSTOW COMMUNITY DEVELOPERS, LLC	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
BEST, BYRON L.	21	12	13	0	0	25	0	12	0	0	0.00	0.00	0.00	0.00
BNSF RAILWAY COMPANY	1,585	872	898	0	0	1,770	0	872	0	0	0.00	0.00	0.00	0.00
BROMMER HOUSE TRUST	361	199	179	0	0	378	0	199	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
CHOI, YONG IL AND JOUNG AE	38	21	23	0	0	44	0	21	0	0	0.00	0.00	0.00	0.00
CHONG, JOAN	10	6	0	0	0	6	23	0	17	6	0.00	9,605.00	0.00	9,605.00
CHRISTISON, JOEL	75	42	45	0	0	87	0	42	0	0	0.00	0.00	0.00	0.00
CONTRATTO, ERSULA	151	84	91	0	0	175	0	84	0	0	0.00	0.00	0.00	0.00
DARR, JAMES S.	408	225	245	0	0	470	24	225	0	24	0.00	0.00	0.00	0.00
DE VRIES REVOCABLE TRUST 12-10-2015 (SEE NOTE 12)	260						125							
DE VRIES, NEIL AND MARY FAMILY TRUST	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
DORRANCE, DAVID W. AND TAMELA L.	19	11	1	0	0	12	0	11	0	0	0.00	0.00	0.00	0.00
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MA	0	0	18	(18)	0	0	0							
FOURFREE USA, INC.	42	24	26	0	0	50	0	24	0	0	0.00	0.00	0.00	0.00
FRATES, D. COLE	13	8	8	0	0	16	0	8	0	0	0.00	0.00	0.00	0.00
FRIEND, JOSEPH AND DEBORAH	60	33	36	0	0	69	9	33	0	9	0.00	0.00	0.00	0.00
GABRYCH, EUGENE	132	73	0	0	0	73	0	73	0	0	0.00	0.00	0.00	0.00
GOLDEN STATE WATER COMPANY	14,407	7,924	8,645	(2,400)	0	14,169	5,533	7,924	0	5,533	0.00	0.00	0.00	0.00
GRILL, NICHOLAS P. AND MILLIE D.	0	0	0	0	0	0	90	0	90	0	0.00	50,850.00	0.00	50,850.00
GUTIERREZ, JOSE AND GLORIA	130	72	78	0	0	150	16	72	0	16	0.00	0.00	0.00	0.00
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	84	8	0	0	92	0	84	0	0	0.00	0.00	0.00	0.00
HARMSER FAMILY TRUST	722	398	434	(89)	0	743	296	398	0	296	0.00	0.00	0.00	0.00
HASKINS, JAMES J.	30	17	0	0	0	17	17	0	0	17	0.00	0.00	0.00	0.00
HELENDALE COMMUNITY SERVICES DISTRICT	349	192	104	2	0	298	0	192	0	0	0.00	0.00	0.00	0.00
HENSLEY, MARK P.	27	15	17	0	0	32	15	15	0	15	0.00	0.00	0.00	0.00
HI DESERT MUTUAL WATER COMPANY	34	19	21	0	0	40	11	19	0	11	0.00	0.00	0.00	0.00
HIGH DESERT ASSOCIATES, INC.	513	283	308	0	0	591	0	283	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	1,285	1,401	0	0	2,686	28	1,285	0	28	0.00	0.00	0.00	0.00
HUERTA, HECTOR	656	361	394	800	0	1,555	840	361	0	840	0.00	0.00	0.00	0.00
JONES, JOETTE	0	0	14	(14)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
JORDAN FAMILY TRUST	460	253	272	0	0	525	4	253	0	4	0.00	0.00	0.00	0.00
KASNER FAMILY LIMITED PARTNERSHIP	421	232	253	0	0	485	0	232	0	0	0.00	0.00	0.00	0.00
KIM, JIN S. AND HYUN H.	190	105	114	0	0	219	0	105	0	0	0.00	0.00	0.00	0.00
LEE, ET AL., SEPOONG AND WOO POONG	77	43	47	0	0	90	0	43	0	0	0.00	0.00	0.00	0.00

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER N/A	TOTAL	
				2022-23 CARRYOVER ³	2023-24 FPA ⁴										
LEYERLY, RICHARD	65						3								
LOCKHART LAND HOLDING, LLC	1,433	789	860	0	0	1,649	362	789	0	362	0.00	0.00	0.00	0.00	
MCCOLLUM, CHARLES L.	115	64	69	0	0	133	0	64	0	0	0.00	0.00	0.00	0.00	
MEAD FAMILY TRUST	115	64	69	0	0	133	1	64	0	1	0.00	0.00	0.00	0.00	
MOJAVE SOLAR, LLC	5,239	2,882	3,144	0	0	6,026	1,602	2,882	0	1,602	0.00	0.00	0.00	0.00	
MOJAVE WATER AGENCY (FORMERLY: FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE)	30	17	0	18	0	35	0	17	0	0	0.00	0.00	0.00	0.00	
MOST FAMILY TRUST	56	31	34	0	0	65	0	31	0	0	0.00	0.00	0.00	0.00	
ODESSA WATER DISTRICT	299	165	180	0	0	345	0	165	0	0	0.00	0.00	0.00	0.00	
OHAI, REYNOLDS AND DOROTHY	137	76	83	0	0	159	2	76	0	2	0.00	0.00	0.00	0.00	
OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K.	722	398	434	0	0	832	132	398	0	132	0.00	0.00	0.00	0.00	
PACIFIC GAS AND ELECTRIC COMPANY	6,580	3,619	3,948	(200)	0	7,367	1,910	3,619	0	1,910	0.00	0.00	0.00	0.00	
REIDO FARMS, LLC	50	28	30	0	0	58	0	28	0	0	0.00	0.00	0.00	0.00	
RIOS, MARIANO V.	8	5	5	0	0	10	1	5	0	1	0.00	0.00	0.00	0.00	
RIVERO, FIDEL V.	20	11	12	0	0	23	1	11	0	1	0.00	0.00	0.00	0.00	
ROBERTSON'S READY MIX	766	422	460	0	0	882	18	422	0	18	0.00	0.00	0.00	0.00	
RUISCH TRUST, DALE W. AND NELLIE H.	650	358	55	200	0	613	569	44	0	569	0.00	0.00	0.00	0.00	
RUISCH, ET AL. (SEE NOTE 12)	862						366								
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	128	1	0	0	129	0	128	0	0	0.00	0.00	0.00	0.00	
SYNAGRO-WWT, INC. (DBA NURSURY PRODUCTS, LLC)	0	0	0	0	0	0	16	0	16	0	0.00	9,040.00	0.00	9,040.00	
TALLAKSON FAMILY REVOCABLE TRUST	17	10	11	0	0	21	0	10	0	0	0.00	0.00	0.00	0.00	
VERNOLA TRUST, PAT AND MARY ANN	3,116	1,714	1,870	1,600	0	5,184	3,045	1,714	0	3,045	0.00	0.00	0.00	0.00	
VICTORVILLE WATER DISTRICT, ID#1	5,164	2,841	3,099	0	0	5,940	0	2,841	0	0	0.00	0.00	0.00	0.00	
WERNER, ANDREW J.	18	10	1	0	0	11	0	10	0	0	0.00	0.00	0.00	0.00	
WESTERN DEVELOPMENT AND STORAGE, LLC	6	4	4	0	0	8	0	4	0	0	0.00	0.00	0.00	0.00	
WITHEY, CONNIE	22	13	14	0	0	27	1	13	0	1	0.00	0.00	0.00	0.00	
TOTAL	49,477	26,575	28,123	(101)	0	54,597	15,093	26,244	123	14,476	0.00	69,495.00	0.00	69,495.00	

APPENDIX B
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2023-24
(UNLESS OTHERWISE NOTED ALL AMOUNTS SHOWN ARE IN ACRE-FEET)
BAJA SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)							
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER N/A	TOTAL
				2022-23	2023-24									
				CARRYOVER ³	FPA ⁴									
35250 YERMO, LLC	24	5	0	0	0	5	6	0	1	5	0.00	565.00	0.00	565.00
AHN, CHUN SOO AND WHA JA	50	11	11	0	0	22	1	11	0	1	0.00	0.00	0.00	0.00
AKE, CHARLES J. AND MARJORIE M.	23	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00
ARCHIBEK, ERIC	0	0	29	(29)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
BARBER, JAMES B.	167	35	35	0	0	70	4	35	0	4	0.00	0.00	0.00	0.00
BARON, SUSAN AND PALMER, CURTIS	26	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
BARTELS, GWENDOLYN J. (FORMERLY: CROSS, FRANCIS AND BEVERLY)	40	9	0	9	0	18	0	9	0	0	0.00	0.00	0.00	0.00
BNSF RAILWAY COMPANY	80	17	15	0	0	32	122	0	90	32	0.00	50,850.00	0.00	50,850.00
BORJA, LEONIL T. AND TITAL L.	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00
BREDELIS, RONALD C. AND JEAN	64	14	3	(3)	0	14	11	3	0	11	0.00	0.00	0.00	0.00
BUBIER, DIANE GAIL	54	12	0	0	0	12	23	0	11	12	0.00	6,215.00	0.00	6,215.00
BUDGET FINANCE COMPANY	32	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00
BUSH, KEVIN	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
CALICO LAKES HOMEOWNERS ASSOCIATION	1,500	308	260	135	0	703	235	308	0	235	0.00	0.00	0.00	0.00
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	15	15	0	0	30	13	15	0	13	0.00	0.00	0.00	0.00
CALMAT COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
CAMANGA, TONY AND MARIETTA	47	10	10	0	0	20	1	10	0	1	0.00	0.00	0.00	0.00
CAMPBELL, M. A. AND DIANNE	22	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00
CARLTON, SUSAN	155	32	32	0	0	64	1	32	0	1	0.00	0.00	0.00	0.00
CDFW - CAMP CADY	921	189	134	0	0	323	102	189	0	102	0.00	0.00	0.00	0.00
CHEYENNE LAKE, INC.	869	179	43	124	37	383	176	139	0	176	0.00	0.00	0.00	0.00
CHISRAM, ET AL. (FORMERLY: IM, NICHOLAS NAK-KYUN)	247	51	0	0	0	51	19	32	0	19	0.00	0.00	0.00	0.00
CLARK, ARTHUR	50	11	11	0	0	22	0	11	0	0	0.00	0.00	0.00	0.00
CONNER, WILLIAM H.	25	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
CORBRIDGE, LINDA S.	32	7	7	0	0	14	4	7	0	4	0.00	0.00	0.00	0.00
CROSS, FRANCIS AND BEVERLY	0	0	9	(9)	0	0	0							
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	1,048	215	0	33	0	248	422	0	202	248	0.00	114,130.00	0.00	114,130.00
DAGGETT COMMUNITY SERVICES DISTRICT	504	104	0	103	0	207	161	46	0	161	0.00	0.00	0.00	0.00
DAGGETT LAND HOLDINGS LLC	0	0	37	0	0	37	15	0	0	15	0.00	0.00	0.00	0.00
DAGGETT RANCH, LLC	76	16	4	0	0	20	16	4	0	16	0.00	0.00	0.00	0.00
DAGGETT SOLAR POWER 3 LLC	179	37	0	0	0	37	0	37	0	0	0.00	0.00	0.00	0.00
DE JONG FAMILY TRUST	3,131	642	456	126	0	1,224	827	397	0	827	0.00	0.00	0.00	0.00
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
DONALDSON, JERRY AND BEVERLY	90	19	19	0	0	38	1	19	0	1	0.00	0.00	0.00	0.00
DOWELL, LEONARD	23	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00
EVERT FAMILY TRUST	173	36	36	(10)	0	62	32	30	0	32	0.00	0.00	0.00	0.00

APPENDIX B
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
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ASSESSMENTS DUE FOR 2023-24

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

BAJA SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2022-23 CARRYOVER ³	2023-24 FPA ⁴							WATER	WATER	
												\$565.00/AF	N/A	
FEJFAR, MONICA KAY	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00
FENG, JINBAO (FORMERLY: HU, MINSHENG)	43	9	0	9	0	18	8	9	0	8	0.00	0.00	0.00	0.00
FERNANDEZ, ARTURO	76	16	16	0	0	32	0	16	0	0	0.00	0.00	0.00	0.00
FERRO, DENNIS AND NORMA	32	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00
FIRST CPA LLC	57	12	12	0	0	24	1	12	0	1	0.00	0.00	0.00	0.00
FOOTHILL ESTATES MHP, LLC	54	12	3	0	0	15	10	5	0	10	0.00	0.00	0.00	0.00
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	88	77	0	0	165	89	73	0	89	0.00	0.00	0.00	0.00
GABRYCH, EUGENE	0	0	0	0	0	0	0							
GARCIA, DANIEL	23	5	5	0	0	10	1	5	0	1	0.00	0.00	0.00	0.00
GARG, OM P.	483	100	100	(100)	0	100	0	100	0	0	0.00	0.00	0.00	0.00
GENON CALIFORNIA SOUTH, LP (SEE NOTE 16)	0	0	250	0	200	450	4	200	0	4	0.00	0.00	0.00	0.00
GRAY, GEORGE F. AND BETTY E.	94	20	20	(20)	0	20	0	20	0	0	0.00	0.00	0.00	0.00
GREEN HAY PACKERS LLC	0	0	0	0			3	0		3	0.00		0.00	
HACKBARTH, EDWARD E.	1,553	319	228	566	0	1,113	864	249	0	864	0.00	0.00	0.00	0.00
HANG, PHU QUANG	20	5	5	0	0	10	4	5	0	4	0.00	0.00	0.00	0.00
HANSON AGGREGATES WRP, INC.	31	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00
HARESON, NICHOLAS AND MARY	8	2	2	0	0	4	0	2	0	0	0.00	0.00	0.00	0.00
HARTER, JOE AND SUE	5,134	1,053	1,053	(520)	0	1,586	817	769	0	817	0.00	0.00	0.00	0.00
HASS, PAULINE L.	35	8	7	(7)	0	8	1	7	0	1	0.00	0.00	0.00	0.00
HENDLEY, RICK AND BARBARA	48	10	7	0	0	17	11	6	0	11	0.00	0.00	0.00	0.00
HIETT, HARRY L.	29	6	6	(6)	0	6	2	4	0	2	0.00	0.00	0.00	0.00
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	63	62	(62)	0	63	1	62	0	1	0.00	0.00	0.00	0.00
HO, TING-SENG AND AH-GIT	300	62	62	0	0	124	0	62	0	0	0.00	0.00	0.00	0.00
HOLLISTER, ROBERT H. AND RUTH M.	44	10	10	0	0	20	0	10	0	0	0.00	0.00	0.00	0.00
HONG, PAUL B. AND MAY	85	18	18	(18)	(18)	0	0	0	0	0	0.00	0.00	0.00	0.00
HOOD FAMILY TRUST	41	9	8	0	0	17	13	4	0	13	0.00	0.00	0.00	0.00
HORTON FAMILY TRUST	441	91	2	48	2	143	92	0	0	92	0.00	0.00	0.00	0.00
HU, MINSHENG	0	0	9	(9)	0	0	0							
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
HUNT, RALPH M. AND LILLIAN F.	51	11	11	0	0	22	3	11	0	3	0.00	0.00	0.00	0.00
HYATT, JAMES AND BRENDA	210	44	34	(34)	0	44	10	34	0	10	0.00	0.00	0.00	0.00
IM, NICHOLAS NAK-KYUN	150	31	82	0	0	113	26	31	0	26	0.00	0.00	0.00	0.00
IRVIN, BERTRAND W.	29	6	5	4	0	15	10	5	0	10	0.00	0.00	0.00	0.00
JACKS, JAMES F.	10	3	3	0	0	6	1	3	0	1	0.00	0.00	0.00	0.00
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	12	12	(12)	0	12	0	12	0	0	0.00	0.00	0.00	0.00
JACKSON, RAY REVOCABLE TRUST NO. 45801	1	1	1	0	0	2	0	1	0	0	0.00	0.00	0.00	0.00
KARIMI, HOOSHANG	70	15	15	0	0	30	1	15	0	1	0.00	0.00	0.00	0.00

APPENDIX B
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ASSESSMENTS DUE FOR 2023-24

APRIL 23, 2025

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

BAJA SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2022-23 CARRYOVER ³	2023-24 FPA ⁴							WATER	WATER	
												\$565.00/AF	N/A	
KASNER FAMILY LIMITED PARTNERSHIP	843	173	173	(173)	0	173	1,040	0	867	173	0.00	489,855.00	0.00	489,855.00
KASNER, ROBERT	5,613	1,151	1,151	(78)	0	2,224	0	1,151	0	0	0.00	0.00	0.00	0.00
KATCHER, AUGUST M. AND MARCELINE	23	5	5	0	0	10	1	5	0	1	0.00	0.00	0.00	0.00
KEMP, ROBERT AND ROSE	32	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	157	157	0	0	314	120	157	0	120	0.00	0.00	0.00	0.00
KIM, SEON JA	50	11	11	0	0	22	1	11	0	1	0.00	0.00	0.00	0.00
KOERING, RICHARD AND KOERING, DONNA	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00
LAKE JODIE PROPERTY OWNERS ASSOCIATION	658	135	0	33	0	168	253	0	113	168	0.00	63,845.00	0.00	63,845.00
LAKE WAIKIKI	98	21	21	0	0	42	0	21	0	0	0.00	0.00	0.00	0.00
LAKE WAINANI OWNERS ASSOCIATION	1,925	395	400	(400)	239	634	189	320	0	189	0.00	0.00	0.00	0.00
LAM, PHILLIP	105	22	22	0	0	44	1	22	0	1	0.00	0.00	0.00	0.00
LAVANH, ET AL.	24	5	5	0	0	10	1	5	0	1	0.00	0.00	0.00	0.00
LAWRENCE, WILLIAM W.	45	10	10	0	0	20	1	10	0	1	0.00	0.00	0.00	0.00
LEE, VIN JANG T.	630	130	130	0	0	260	0	130	0	0	0.00	0.00	0.00	0.00
LEM, HOY	32	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00
LIANG, YUAN - I AND TZU - MEI CHEN	200	41	41	(41)	0	41	0	41	0	0	0.00	0.00	0.00	0.00
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	453	93	93	0	0	186	86	93	0	86	0.00	0.00	0.00	0.00
LIN, KUAN JUNG AND CHUNG, DER-BING	451	93	0	0	(93)	0	0	0	0	0	0.00	0.00	0.00	0.00
LO, ET AL.	59	13	0	0	0	13	1	12	0	1	0.00	0.00	0.00	0.00
M BIRD CONSTRUCTION	41	9	9	0	0	18	0	9	0	0	0.00	0.00	0.00	0.00
MAHJOUBI, AFSAR S.	63	13	13	0	0	26	0	13	0	0	0.00	0.00	0.00	0.00
MANNING, SHARON S.	63	13	13	0	0	26	7	13	0	7	0.00	0.00	0.00	0.00
MARCROFT, JAMES A. AND JOAN	38	8	8	0	0	16	4	8	0	4	0.00	0.00	0.00	0.00
MARSHALL, CHARLES	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00
MARTIN, MICHAEL D. AND ARLENE D.	63	13	2	34	0	49	36	13	0	36	0.00	0.00	0.00	0.00
MILBRAT, IRVING H.	73	15	3	0	0	18	16	2	0	16	0.00	0.00	0.00	0.00
MILLER LIVING TRUST	18	4	4	0	0	8	0	4	0	0	0.00	0.00	0.00	0.00
MIZRAHIE, ET AL.	145	30	30	(30)	0	30	0	30	0	0	0.00	0.00	0.00	0.00
MOJAVE WATER AGENCY	7,194	1,475	1,225	0	(200)	2,500	0	1,275	0	0	0.00	0.00	0.00	0.00
MORRIS TRUST, JULIA V.	304	63	62	(62)	0	63	1	62	0	1	0.00	0.00	0.00	0.00
MULLIGAN, ROBERT AND INEZ	35	8	8	0	0	16	0	8	0	0	0.00	0.00	0.00	0.00
MURPHY, JEAN	24	5	5	0	0	10	9	1	0	9	0.00	0.00	0.00	0.00
MUSIC, ZAJO	15	4	0	0	0	4	1	3	0	1	0.00	0.00	0.00	0.00
NEW SPRINGS LIMITED PARTNERSHIP	2,329	478	478	(478)	0	478	0	478	0	0	0.00	0.00	0.00	0.00
NEWBERRY COMMUNITY SERVICES DISTRICT	23	5	5	0	0	10	2	5	0	2	0.00	0.00	0.00	0.00
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	6	2	4	(4)	(1)	1	0	1	0	0	0.00	0.00	0.00	0.00
NSSLIC, INC.	109	23	23	84	0	130	65	23	0	65	0.00	0.00	0.00	0.00
O. F. D. L., INC.	647	133	91	151	0	375	131	133	0	131	0.00	0.00	0.00	0.00
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	137	137	0	0	274	0	137	0	0	0.00	0.00	0.00	0.00

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

BAJA SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)							
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER N/A	TOTAL
				2022-23 CARRYOVER ³	2023-24 FPA ⁴									

PATINO, JOSÉ	22	5	5	0	0	10	5	5	0	5	0.00	0.00	0.00	0.00
PEARCE, CRAIG L.	150	31	2	0	0	33	3	30	0	3	0.00	0.00	0.00	0.00
PERKO, BERT K.	132	28	28	0	0	56	3	28	0	3	0.00	0.00	0.00	0.00
POLAND, JOHN R. AND KATHLEEN A.	92	19	19	0	0	38	0	19	0	0	0.00	0.00	0.00	0.00
PORTER, TIMOTHY M.	30	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00
PRECISION INVESTMENTS SERVICES, LLC	845	174	166	0	0	340	247	93	0	247	0.00	0.00	0.00	0.00
PRICE, DONALD AND RUTH	42	9	9	0	0	18	1	9	0	1	0.00	0.00	0.00	0.00
PRUETT, ANDREA	36	8	8	0	0	16	0	8	0	0	0.00	0.00	0.00	0.00
QUAKENBUSH, SAMUEL R.	19	4	4	0	0	8	1	4	0	1	0.00	0.00	0.00	0.00
QUIROS, FRANCISCO J. AND HERRMANN, RONALD	38	8	8	28	0	44	18	8	0	18	0.00	0.00	0.00	0.00
RICE, HENRY C. AND DIANA	24	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00
RIZVI, S.R ALI	27	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
ROBERTSON'S READY MIX	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI	614	126	126	100	0	352	210	126	0	210	0.00	0.00	0.00	0.00
S AND B BROTHERS, LLC	221	46	46	0	0	92	0	46	0	0	0.00	0.00	0.00	0.00
SAGABEAN-BARKER, KANOELOKELANI L.	34	7	0	0	0	7	12	0	5	7	0.00	2,825.00	0.00	2,825.00
SAMRA, JAGTAR S.	30	7	7	0	0	14	2	7	0	2	0.00	0.00	0.00	0.00
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	168	35	35	0	0	70	13	35	0	13	0.00	0.00	0.00	0.00
SHENG, JEN	33	7	7	0	0	14	1	7	0	1	0.00	0.00	0.00	0.00
SHEPPARD, THOMAS AND GLORIA	217	45	45	0	0	90	1	45	0	1	0.00	0.00	0.00	0.00
SHORT, JEROME E. (SEE NOTE 17)	30	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00
SINGH, ET AL.	31	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	0	0	0	0	0	0	1	0	1	0	0.00	565.00	0.00	565.00
SMITH, PORTER AND ANITA	25	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
SOUTHERN CALIFORNIA EDISON COMPANY	600	123	123	(123)	0	123	0	123	0	0	0.00	0.00	0.00	0.00
SOUTHERN CALIFORNIA GAS COMPANY	98	21	11	0	0	32	26	6	0	26	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	27	0	259	0	286	273	13	0	273	0.00	0.00	0.00	0.00
STARKE, GEORGE A. AND JAYNE E.	23	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00
SUNDOWN LAKES, INC.	727	150	0	50	36	236	157	0	43	157	0.00	24,295.00	0.00	24,295.00
SUNRAY LAND COMPANY, LLC	63	13	13	0	0	26	0	13	0	0	0.00	0.00	0.00	0.00
SZYNKOWSKI, RUTH J.	29	6	6	0	0	12	2	6	0	2	0.00	0.00	0.00	0.00
TAPIE, RAYMOND L.	18	4	4	0	0	8	0	4	0	0	0.00	0.00	0.00	0.00
TEISAN, JERRY	96	20	20	0	0	40	0	20	0	0	0.00	0.00	0.00	0.00
THAYER, SHARON	97	20	11	0	0	31	25	0	3	25	0.00	1,695.00	0.00	1,695.00
THOMAS, STEPHEN AND LORI	49	11	11	0	0	22	0	11	0	0	0.00	0.00	0.00	0.00
TRIPLE H PARTNERSHIP	218	45	0	0	0	45	58	0	13	45	0.00	7,345.00	0.00	7,345.00
TURNER, TERRY	30	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00

APPENDIX B
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2023-24

APRIL 23, 2025

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

BAJA SUBAREA

PRODUCER	2023-24 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER N/A	TOTAL
				2022-23 CARRYOVER ³	2023-24 FPA ⁴									
UNION PACIFIC RAILROAD COMPANY	249	52	29	0	0	81	51	30	0	51	0.00	0.00	0.00	0.00
UPPAL, GAGAN	190	39	39	(39)	0	39	0	39	0	0	0.00	0.00	0.00	0.00
VAAGE, GAGE V.	54	12	12	0	0	24	11	12	0	11	0.00	0.00	0.00	0.00
VACA, ANDY AND TERESITA S.	20	5	5	0	0	10	6	4	0	6	0.00	0.00	0.00	0.00
VAN BASTELAAR, ALPHONSE	78	16	10	0	0	26	49	0	23	26	0.00	12,995.00	0.00	12,995.00
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	8,128	1,667	977	(432)	0	2,212	750	1,462	0	750	0.00	0.00	0.00	0.00
VAN LEEUWEN TRUST, JOHN A. AND IETIE	2,018	414	377	0	0	791	203	414	0	203	0.00	0.00	0.00	0.00
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,613	331	331	(331)	0	331	0	331	0	0	0.00	0.00	0.00	0.00
WANG, STEVEN	10	3	3	0	0	6	0	3	0	0	0.00	0.00	0.00	0.00
WARD, RAYMOND	105	22	0	0	0	22	18	4	0	18	0.00	0.00	0.00	0.00
WEEMS, LIZZIE	53	11	11	0	0	22	0	11	0	0	0.00	0.00	0.00	0.00
WEERARINGHE, MAITHRI N.	15	4	4	0	0	8	1	4	0	1	0.00	0.00	0.00	0.00
WESTERN HORIZON ASSOCIATES, INC.	1,163	239	0	0	(239)	0	8	0	8	0	0.00	4,520.00	0.00	4,520.00
WET SET, INC.	751	154	84	90	37	365	142	128	0	142	0.00	0.00	0.00	0.00
WITTE, E. DANIEL AND MARCIA	27	6	6	0	0	12	1	6	0	1	0.00	0.00	0.00	0.00
WLSR, INC.	675	139	82	0	0	221	83	83	0	83	0.00	0.00	0.00	0.00
WORSEY, JOSEPH A. AND REVAE	29	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
YANG, ZILAN	26	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00
TOTAL	63,929	13,184	10,477	(1,044)	0	22,617	8,512	10,622	1,380	7,234	0.00	779,700.00	0.00	779,700.00

APPENDIX B - SUMMARY
PRODUCER REPLACEMENT WATER
AND
MAKEUP WATER OBLIGATIONS
AND
ASSESSMENTS DUE FOR 2023-24

APRIL 23, 2025

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

SUBAREA	2023-24 FREE PRODUCTION ALLOWANCE						PRODUCTION			ASSESSMENTS DUE BY JULY 1, 2025 (AMOUNTS IN DOLLARS)				
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2023-24 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER	MAKEUP WATER	TOTAL
				2022-23 CARRYOVER ³	2023-24 FPA ⁴									
ESTE	19,251	10,614	11,020	(333)	0	21,301	3,804	9,615	408	3,396	0.00	230,520.00	0.00	230,520.00
OESTE	6,857	3,429	3,773	0	0	7,202	2,633	3,421	0	2,633	0.00	0.00	0.00	0.00
ALTO	114,308	57,520	14,314	(12,483)	0	59,351	71,841	13,362	24,910	45,787	0.00	14,074,150.00	0.00	14,074,150.00
CENTRO	49,477	26,585	28,123	(101)	0	54,607	15,093	26,244	123	14,476	0.00	69,495.00	0.00	69,495.00
BAJA	63,929	13,184	10,477	(1,044)	0	22,617	8,512	10,622	1,380	7,234	0.00	779,700.00	0.00	779,700.00
GRAND TOTAL	253,822	111,332	67,707	(13,961)	0	165,078	101,883	63,264	26,821	73,526	0.00	15,153,865.00	0.00	15,153,865.00

NOTES FOR APPENDIX B

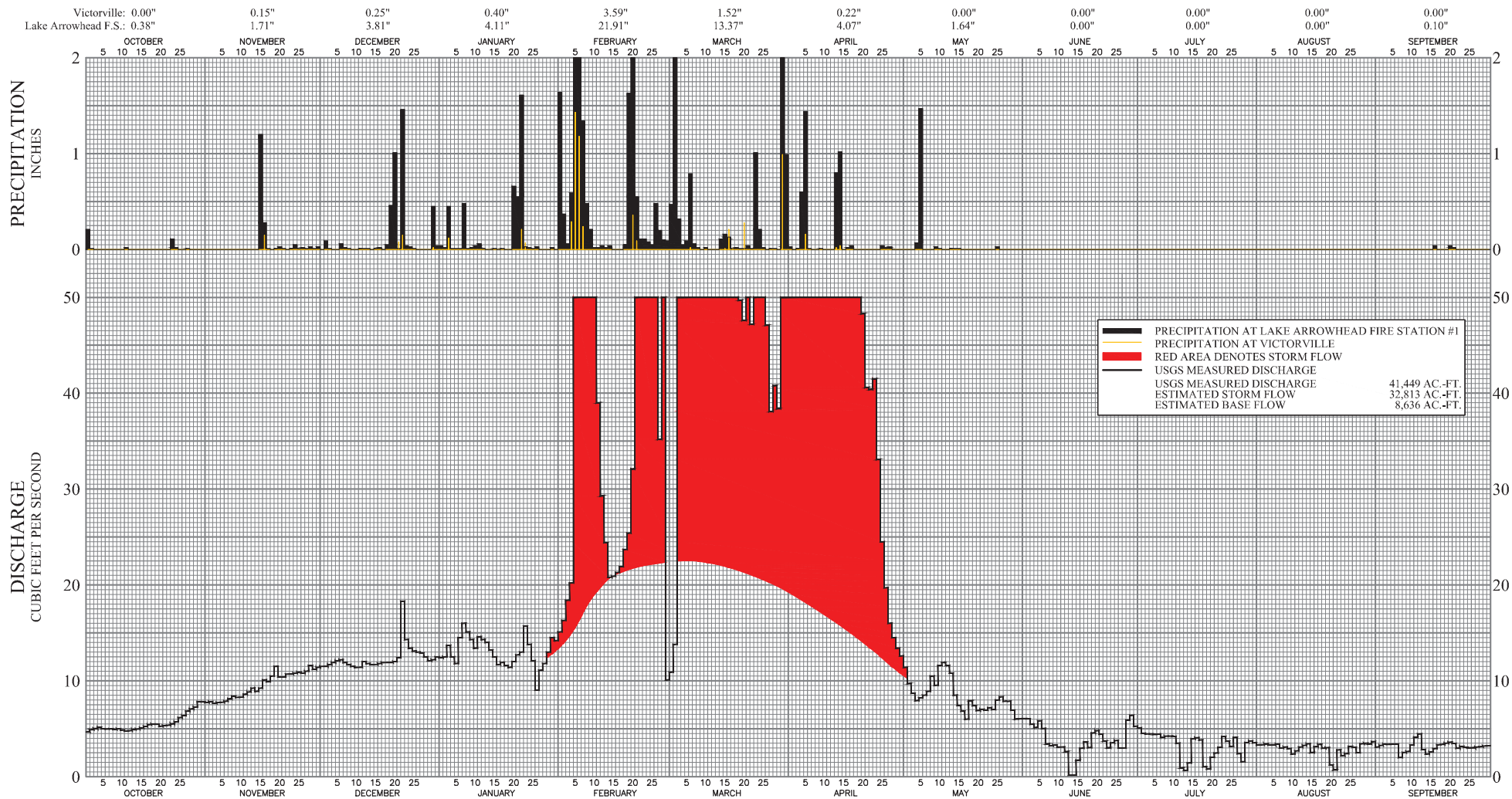
- 1 EQUAL TO 55% OF BASE ANNUAL PRODUCTION IN THE ESTE AND CENTRO SUBAREAS.
EQUAL TO 50% OF BASE ANNUAL PRODUCTION IN THE OESTE SUBAREA.
EQUAL TO 50.4% OF BASE ANNUAL PRODUCTION IN THE ALTO SUBAREA.
EQUAL TO 20.5% OF BASE ANNUAL PRODUCTION IN THE BAJA SUBAREA.
- 2 UNUSED FPA FROM 2022-23 NET OF ANY TRANSFERS DURING 2022-23.
- 3 TRANSFERS OF 2022-23 UNUSED FPA FOR USE DURING 2023-24. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 4 TRANSFERS OF 2023-24 BASE FREE PRODUCTION ALLOWANCE. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 5 TOTAL FREE PRODUCTION ALLOWANCE FOR 2023-24 IS EQUAL TO THE SUM OF BASE FREE PRODUCTION ALLOWANCE, CARRYOVER AND TRANSFERS.
- 6 2023-24 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 2023-24 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 2023-24 AND CONSISTS OF 1,124 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 2023-24 WATER YEAR INCLUDE 1,627 ACRE-FEET FOR THE CITY OF ADELANTO, 728 ACRE-FEET FOR LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP., 817 ACRE-FEET FOR VICTORVILLE WATER DISTRICT, ID#1 AND 1,793 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 2023-24

*Precipitation at Lake Arrowhead on Feb 5 = 6.87", Feb 6 = 3.63", Feb 20 = 3.13", Mar 2 = 4.81", Mar 30 = 3.99"



- PRELIMINARY -
SUBJECT TO REVISION

DISCHARGE OF MOJAVE RIVER AT LOWER NARROWS, PRECIPITATION AT LAKE ARROWHEAD FIRE STATION #1, AND PRECIPITATION AT VICTORVILLE WATER YEAR 2023-24

MOJAVE RIVER AT LOWER NARROWS NEAR VICTORVILLE, CA

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

WATER YEAR 2023-24

AVERAGE DAILY DISCHARGE, CUBIC FT PER SECOND

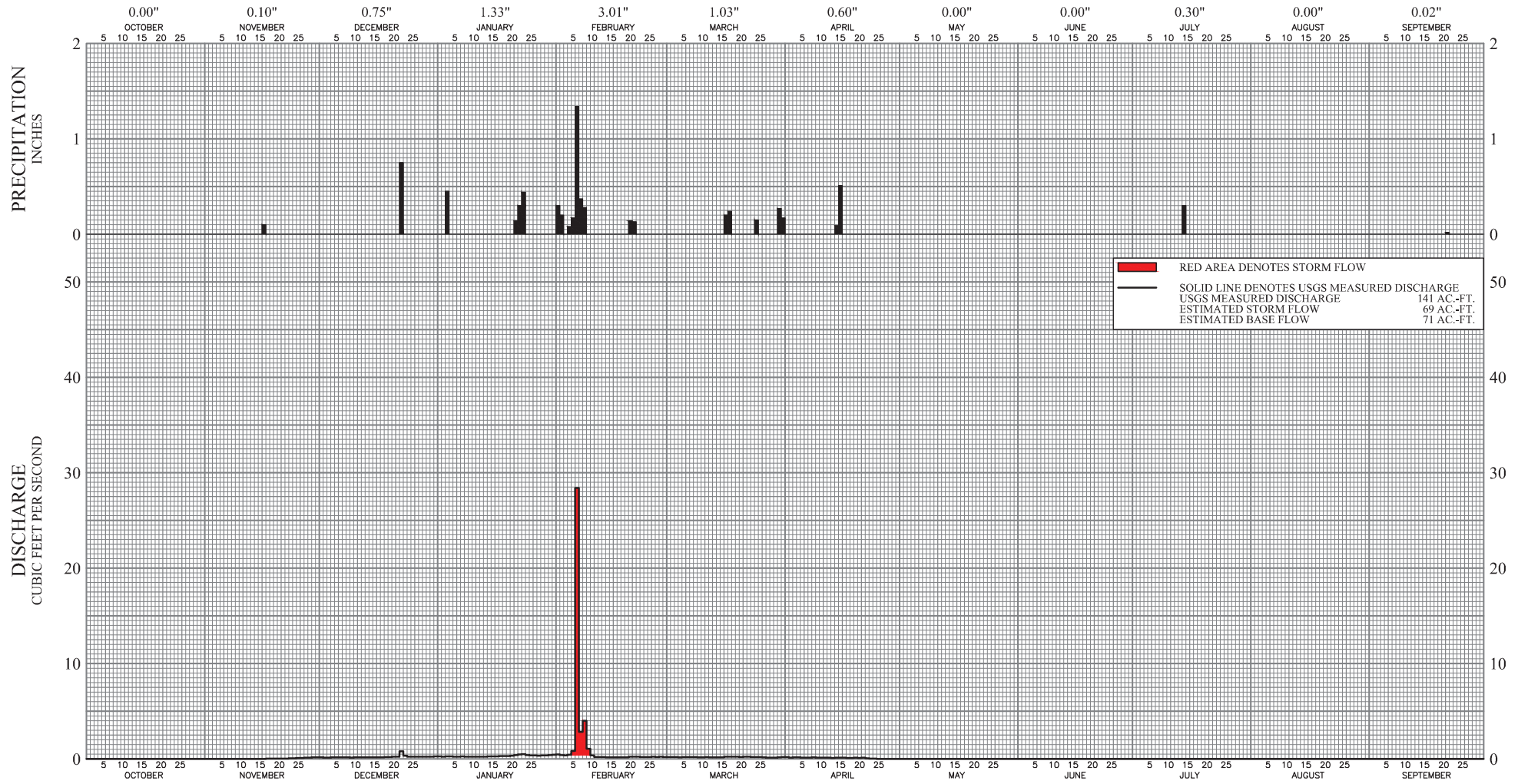
DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	4.69	7.74	11.5	12.4	15.1	e10.9	435	11.4	6.08	5.12	3.31	3.12
2	4.90	7.86	11.5	12.5	16.3	13.8	225	9.73	6.04	4.55	3.34	3.28
3	5.03	7.69	11.7	13.7	18.4	813	246	8.70	5.48	4.48	3.43	3.40
4	5.18	7.76	11.9	12.5	20.2	663	228	7.96	5.14	4.47	3.31	3.38
5	5.01	7.78	12.1	11.8	283	541	273	8.24	5.85	4.43	3.33	3.42
6	4.97	7.87	12.2	14.5	5,040	292	267	8.51	5.04	4.44	3.42	3.40
7	5.02	8.13	11.9	16.0	941	237	256	8.91	3.43	4.12	3.00	2.00
8	4.96	8.42	11.7	15.1	588	288	207	10.5	3.26	4.26	3.10	e2.56
9	5.02	8.27	11.5	14.3	291	261	155	9.54	3.32	4.25	2.95	2.65
10	4.87	8.31	11.4	13.4	97.0	245	139	11.6	3.12	4.20	e2.39	3.30
11	e4.79	8.60	11.4	14.6	39.0	230	79.2	11.9	3.12	3.50	2.70	4.13
12	4.80	8.86	12.0	14.3	29.3	218	71.3	11.6	e2.63	e0.93	3.10	4.48
13	4.93	9.24	11.8	14.0	24.4	215	63.1	10.8	e0.19	e0.69	3.27	e2.85
14	4.99	8.90	11.7	13.2	20.8	216	97.3	8.52	e0.17	e1.45	3.45	2.37
15	5.10	9.26	11.7	12.5	20.9	69.2	169	7.45	1.73	3.97	2.53	2.62
16	5.26	10.1	11.8	11.7	21.3	94.6	176	6.85	2.99	4.09	3.14	2.96
17	5.46	9.90	11.9	11.9	21.9	80.5	93.8	6.00	3.65	e3.84	3.37	3.35
18	5.52	10.5	11.9	11.6	23.7	51.4	e62.6	7.93	3.06	e1.06	2.99	3.37
19	5.48	11.5	11.9	11.4	25.4	49.7	56.1	7.40	4.58	0.82	3.06	3.50
20	5.28	10.4	12.0	12.0	32.1	47.6	48.3	6.90	4.80	2.04	1.25	3.61
21	5.35	10.4	12.4	12.7	509	54.7	40.6	7.06	4.46	2.49	e0.73	3.49
22	5.38	10.7	18.3	13.0	514	47.2	40.4	6.94	3.73	3.08	2.81	2.99
23	5.53	10.7	14.3	15.7	263	78.7	41.5	7.21	3.03	4.22	e2.20	3.18
24	5.74	10.8	13.4	13.8	155	115	33.1	7.01	3.54	3.72	2.41	3.08
25	6.17	10.9	13.1	12.1	100	78.3	24.5	8.01	3.78	3.18	3.18	3.03
26	6.39	10.8	13.0	9.06	57.8	47.1	19.7	8.34	3.00	4.12	3.08	e3.03
27	6.84	11.0	12.9	e11.1	35.2	38.1	16.0	7.88	3.00	2.41	2.50	e3.11
28	7.09	11.6	12.5	e11.8	e60.0	40.8	14.5	7.89	5.90	1.57	e3.46	e3.15
29	7.27	11.2	12.1	e13.0	e10.1	38.4	13.4	6.95	6.40	3.57	e3.52	e3.22
30	7.85	11.4	12.2	14.5		277	12.6	6.03	5.28	3.76	3.43	e3.25
31	7.82		12.5	14.2		658		6.06		3.56	3.67	
TOTAL (CFS - DAYS)	173	287	382	404	9,273	6,110	3,604	260	116	102	91.4	95.3
ACRE-FEET	343	568	758	802	18,390	12,120	7,148	515	230	203	181	189

WATER YEAR TOTAL = 41,447 AC-FT

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

PRECIPITATION, INCHES

WATER YEAR TOTAL = 51.10



DISCHARGE OF MOJAVE RIVER AT AFTON AND PRECIPITATION AT BARSTOW WATER YEAR 2023-24

- PRELIMINARY -
SUBJECT TO REVISION

MOJAVE RIVER AT AFTON, CA

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

WATER YEAR 2023-24

AVERAGE DAILY DISCHARGE, CUBIC FT PER SECOND

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	e0.00	e0.17	0.27	0.48	0.22	0.21	e0.00	e0.00	0.00	0.00	0.00
2	0.00	e0.00	0.16	0.26	0.40	0.21	0.14	e0.00	e0.00	0.00	0.00	0.00
3	e0.00	e0.00	0.16	0.28	0.37	0.20	0.17	e0.00	e0.00	e0.00	0.00	0.00
4	e0.00	e0.00	0.17	0.27	0.45	0.19	0.17	e0.00	e0.00	e0.00	0.00	0.00
5	e0.00	e0.00	0.18	0.26	0.85	0.20	0.15	e0.00	e0.00	0.00	0.00	0.00
6	e0.00	e0.00	0.19	0.26	28.4	0.20	0.15	e0.00	e0.00	0.00	0.00	0.00
7	e0.00	e0.01	0.17	0.27	2.83	0.21	0.16	e0.00	e0.00	0.00	0.00	0.00
8	e0.00	e0.01	0.17	0.25	4.00	0.20	0.17	e0.00	e0.00	0.00	0.00	0.00
9	e0.00	e0.01	0.15	0.24	1.08	0.18	0.15	e0.00	e0.00	e0.00	0.00	0.00
10	e0.00	e0.01	0.18	0.26	0.39	0.19	0.13	e0.00	e0.00	e0.00	0.00	0.00
11	e0.00	e0.01	0.19	0.23	0.22	0.20	0.13	e0.00	e0.00	e0.00	0.00	0.00
12	e0.00	e0.01	0.19	0.23	0.22	0.19	0.13	e0.00	e0.00	e0.00	0.00	0.00
13	e0.00	e0.01	0.18	0.26	0.22	0.19	0.12	e0.00	e0.00	0.00	0.00	0.00
14	e0.00	e0.02	0.17	0.29	0.18	0.19	0.13	e0.00	e0.00	0.00	0.00	0.00
15	e0.00	e0.02	0.18	0.28	0.18	0.19	0.13	e0.00	e0.00	0.00	0.00	0.00
16	e0.00	e0.02	0.19	0.29	0.17	0.24	0.13	e0.00	e0.00	0.00	0.00	0.00
17	e0.00	e0.03	0.19	0.30	0.18	0.24	0.12	e0.00	e0.00	0.00	0.00	0.00
18	e0.00	e0.03	0.20	0.30	0.18	0.24	0.10	e0.00	e0.00	0.00	0.00	0.00
19	e0.00	e0.04	0.22	0.32	0.19	0.23	0.15	e0.00	e0.00	0.00	0.00	0.00
20	e0.00	e0.04	0.23	0.35	0.24	0.22	0.11	e0.00	e0.00	0.00	0.00	0.00
21	e0.00	e0.05	0.26	0.40	0.26	0.23	0.13	e0.00	e0.00	0.00	0.00	0.00
22	e0.00	e0.06	0.80	0.49	0.23	0.23	0.09	e0.00	e0.00	0.00	0.00	e0.00
23	e0.00	e0.07	0.33	0.50	0.21	0.22	0.05	e0.00	e0.00	0.00	0.00	e0.00
24	e0.00	e0.08	0.25	0.42	0.21	0.21	0.03	e0.00	e0.00	0.00	0.00	e0.00
25	e0.00	e0.10	0.24	0.39	0.20	0.20	0.02	e0.00	e0.00	0.00	0.00	e0.00
26	e0.00	e0.11	0.23	0.37	0.23	0.17	e0.00	e0.00	e0.00	0.00	0.00	e0.00
27	e0.00	e0.13	0.23	0.35	0.22	0.16	e0.00	e0.00	e0.00	0.00	0.00	e0.00
28	e0.00	e0.16	0.23	0.38	0.23	0.15	e0.00	e0.00	0.00	0.00	0.00	e0.00
29	e0.00	e0.18	0.23	0.39	0.22	0.15	e0.00	e0.00	0.00	0.00	0.00	e0.00
30	e0.00	e0.17	0.23	0.42		0.18	e0.00	e0.00	0.00	0.00	0.00	e0.00
31	e0.00		0.27	0.44		0.22		e0.00		0.00	0.00	
TOTAL (CFS)	0.00	1.38	6.94	10.02	43.24	6.25	3.17	0.00	0.00	0.00	0.00	0.00
ACRE-FEET	0.00	2.74	13.77	19.87	85.77	12.40	6.29	0.00	0.00	0.00	0.00	0.00

WATER YEAR TOTAL = 141 AC-FT

NOAA STATION NO. W04-0521-07

WATER YEAR 2023-24

PRECIPITATION, INCHES

TOTAL (IN)	0.00	0.10	0.75	1.33	3.01	1.03	0.60	0.00	0.00	0.30	0.00	0.02
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WATER YEAR TOTAL = 7.14

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

APRIL 23, 2025

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

ESTE SUBAREA

TRANSFEROR	TRANSFER AMOUNT						TRANSFeree
	BASE ANNUAL PRODUCTION ¹	2022-23 CARRYOVER ²	2023-24 FPA ³	2022-23 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2022-23 CARRYOVER IN LIEU OF MAKEUP ⁵	2023-24 FPA IN LIEU OF MAKEUP ⁶	
AHN, CHUN SOO AND DAVID				44			AHN REVOCABLE LIVING TRUST
AHN, CHUN SOO AND DAVID				56			OASIS WORLD MISSION
CLUB VIEW PARTNERS				35			SAN BERNARDINO COUNTY SERVICE AREA 29
MITSUBISHI CEMENT CORPORATION				14			JUBILEE MUTUAL WATER COMPANY
MITSUBISHI CEMENT CORPORATION				17			OMYA CALIFORNIA, INC.
MITSUBISHI CEMENT CORPORATION				112			ROBERTSON'S READY MIX
MITSUBISHI CEMENT CORPORATION				27			SPECIALTY MINERALS, INC.
PAK, KAE SOO AND MYONG HUI KANG				18			CHUNG, ET AL.
WEST END MUTUAL WATER COMPANY				10			DESERT DAWN MUTUAL WATER COMPANY
TOTAL	0	0	0	333	0	0	

APPENDIX E

APRIL 23, 2025

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	2022-23 CARRYOVER ²	2023-24 FPA ³	2022-23 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2022-23 CARRYOVER IN LIEU OF MAKEUP ⁵	2023-24 FPA IN LIEU OF MAKEUP ⁶	
ADES, JOHN AND DEVON				19			JAMBOREE HOUSING CORPORATION
AMERICAN STATES WATER COMPANY				395			GOLDEN STATE WATER COMPANY
AMERICAN STATES WATER COMPANY				75			SAN BERNARDINO COUNTY SERVICE AREA 64
AMERICAN STATES WATER COMPANY				75			SAN BERNARDINO COUNTY SERVICE AREA 70J
APPLE VALLEY, TOWN OF				542			VICTORVILLE WATER DISTRICT, ID#2
BASS TRUST, NEWTON T.				278			ADELANTO, CITY OF
BASTIANON REVOCABLE TRUST				41			SILVER LAKES ASSOCIATION
BEINSCHROTH FAMILY TRUST				79			ADELANTO, CITY OF
BEINSCHROTH FAMILY TRUST				33			MARIANA RANCHOS COUNTY WATER DISTRICT
BEINSCHROTH FAMILY TRUST				29			THUNDERBIRD COUNTY WATER DISTRICT
BEINSCHROTH, ANDY ERIC				136			ADELANTO, CITY OF
BOX, GEARY S. AND LAURA				10			ADELANTO, CITY OF
BROWN FAMILY TRUST DATED AUGUST 11, 1999				22			SPRING VALLEY LAKE ASSOCIATION
BROWN, JENNIFER				21			ADELANTO, CITY OF
BRUNEAU, KAREN				4			VICTORVILLE WATER DISTRICT, ID#2
BRYANT, IAN				16			ADELANTO, CITY OF
BUNNELL, DICK				12			VICTORVILLE WATER DISTRICT, ID#2
CALMAT COMPANY		10					JOHNSON, PAUL - INDUSTRIAL
CALPORTLAND COMPANY - AGRICULTURE		350					LANGLEY, JAMES
CALPORTLAND COMPANY - ORO GRANDE PLANT		601					LANGLEY, JAMES - INDUSTRIAL
DLW REVOCABLE TRUST				39			ADELANTO, CITY OF
DOLCH LIVING TRUST ROBERT AND JUDITH				49			SILVER LAKES ASSOCIATION
DORA LAND, INC.				9			VICTORVILLE WATER DISTRICT, ID#2
FINCH, JENIFER				17			JAMBOREE HOUSING CORPORATION
FISCHER REVOCABLE LIVING TRUST				19			SILVER LAKES ASSOCIATION
FISHER TRUST, JEROME R.				345			ADELANTO, CITY OF
HAAS, BRYAN C. AND HINKLE, MARY H.				5			VICTORVILLE WATER DISTRICT, ID#2
HALANNA EQUITIES III				7			HESPERIA WATER DISTRICT
HAMILTON FAMILY TRUST				40			HESPERIA WATER DISTRICT
HELENDALE COMMUNITY SERVICES DISTRICT				802			VICTORVILLE WATER DISTRICT, ID#1
HESPERIA - GOLF COURSE, CITY OF				81			HESPERIA WATER DISTRICT
HESPERIA, CITY OF		120					HESPERIA WATER DISTRICT
HESPERIA, CITY OF				3,545			HESPERIA WATER DISTRICT
HI-GRADE MATERIALS COMPANY				25			AGCON, INC.

APPENDIX E

APRIL 23, 2025

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	2022-23 CARRYOVER ²	2023-24 FPA ³	2022-23 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2022-23 CARRYOVER IN LIEU OF MAKEUP ⁵	2023-24 FPA IN LIEU OF MAKEUP ⁶	
HI-GRADE MATERIALS COMPANY		31					LANGLEY, JAMES - INDUSTRIAL
HOLWAY JEFFREY R AND PATRICIA GAGE		5					HESPERIA WATER DISTRICT
HOLWAY, JEFFREY R		6					HESPERIA WATER DISTRICT
HOLY HEAVENLY LAKE, LLC				4			HESPERIA WATER DISTRICT
HUNT, CONNIE		36					HESPERIA WATER DISTRICT
JESS RANCH WATER COMPANY				2,506			VICTORVILLE WATER DISTRICT, ID#1
JESS RANCH WATER COMPANY				670			VICTORVILLE WATER DISTRICT, ID#2
JOHNSON, PAUL - INDUSTRIAL				10			VICTORVILLE WATER DISTRICT, ID#2
JOHNSON, RONALD		17					HESPERIA WATER DISTRICT
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.				28			HESPERIA WATER DISTRICT
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		19					LANGLEY, JAMES
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.		18					LANGLEY, JAMES
KEMPER CAMPBELL RANCH				206			ADELANTO, CITY OF
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT				358			ADELANTO, CITY OF
LANGLEY, JAMES		438					HESPERIA WATER DISTRICT
LANGLEY, JAMES - INDUSTRIAL		632					HESPERIA WATER DISTRICT
LAWSON, ERNEST AND BARBARA				2			APPLE VALLEY VIEW MUTUAL WATER COMPANY
LAWSON, ERNEST AND BARBARA				6			VICTORVILLE WATER DISTRICT, ID#2
LHC ALLIGATOR, LLC				271			HESPERIA WATER DISTRICT
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) COR			273				JESS RANCH WATER COMPANY
LOW, DEAN				109			ADELANTO, CITY OF
MCKINNEY, PAULA	10						HESPERIA WATER DISTRICT
MCKINNEY, PAULA		12					HESPERIA WATER DISTRICT
MCKINNEY, PAULA		6					HESPERIA WATER DISTRICT
NUNN FAMILY TRUST				19			ADELANTO, CITY OF
PAUSTELL, JOAN BEINSCHROTH	10						APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
PAUSTELL, JOAN BEINSCHROTH				78			SILVER LAKES ASSOCIATION
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT		84					SILVER LAKES ASSOCIATION
POLICH, DONNA		36					HESPERIA WATER DISTRICT
RIM PROPERTIES, A GENERAL PARTNERSHIP				5			VICTORVILLE WATER DISTRICT, ID#2
RUE RANCH, INC.				16			VICTORVILLE WATER DISTRICT, ID#2
SAN BERNARDINO COUNTY SERVICE AREA 42				102			SAN BERNARDINO COUNTY SERVICE AREA 64
SAN BERNARDINO COUNTY SERVICE AREA 42				102			SAN BERNARDINO COUNTY SERVICE AREA 70J
SCRAY, MICHELLE A. TRUST		8					LANGLEY, JAMES

APPENDIX E

APRIL 23, 2025

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	2022-23 CARRYOVER ²	2023-24 FPA ³	2022-23 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2022-23 CARRYOVER IN LIEU OF MAKEUP ⁵	2023-24 FPA IN LIEU OF MAKEUP ⁶	
STORM, RANDALL				34			APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
SUDMEIER, GLENN W.				10			VICTORVILLE WATER DISTRICT, ID#2
SUMMIT VALLEY RANCH, LLC				13			HESPERIA WATER DISTRICT
THOMPSON LIVING TRUST, JAMES A. AND SULA B.				226			VICTOR VALLEY COMMUNITY COLLEGE DISTRICT
THOMPSON LIVING TRUST, R.L. AND R.A.	2						APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT
THOMPSON LIVING TRUST, R.L. AND R.A.				2			VICTORVILLE WATER DISTRICT, ID#2
THRASHER, GARY				202			VICTORVILLE WATER DISTRICT, ID#2
VOGLER, ALBERT H.				34			HESPERIA WATER DISTRICT
WAGNER LIVING TRUST				666			VICTORVILLE WATER DISTRICT, ID#2
WAKULA FAMILY TRUST				5			VICTORVILLE WATER DISTRICT, ID#2
WARD, BARBARA				24			ADELANTO, CITY OF
WARD, BARBARA	65						TAYLOR, SHARON L.
WEST, HOWARD AND SUZY		40					LANGLEY, JAMES
WEST, JIMMIE E.				5			VICTORVILLE WATER DISTRICT, ID#2
TOTAL	87	2,469	273	12,483	0	0	

APPENDIX E
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	2022-23 CARRYOVER ²	2023-24 FPA ³	2022-23 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2022-23 CARRYOVER IN LIEU OF MAKEUP ⁵	2023-24 FPA IN LIEU OF MAKEUP ⁶	
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE M	30						MOJAVE WATER AGENCY
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE M		18					MOJAVE WATER AGENCY
GOLDEN STATE WATER COMPANY		800					HUERTA, HECTOR
GOLDEN STATE WATER COMPANY		1,600					HUERTA, HECTOR
HARMSen FAMILY TRUST				1			BARSTOW COMMUNITY DEVELOPERS, LLC
HARMSen FAMILY TRUST				88			GRILL, NICHOLAS P. AND MILLIE D.
HELENDALe COMMUNITY SERVICES DISTRICT				12			CHONG, JOAN
HUERTA, HECTOR		1,600					VERNOLA TRUST, PAT AND MARY ANN
JONES, JOETTE	22						HELENDALe COMMUNITY SERVICES DISTRICT
JONES, JOETTE		14					HELENDALe COMMUNITY SERVICES DISTRICT
PACIFIC GAS AND ELECTRIC COMPANY		200					RUISCH TRUST, DALE W. AND NELLIE H.
TOTAL	52	4,232	0	101	0	0	

APPENDIX E

APRIL 23, 2025

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	2022-23 CARRYOVER ²	2023-24 FPA ³	2022-23 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2022-23 CARRYOVER IN LIEU OF MAKEUP ⁵	2023-24 FPA IN LIEU OF MAKEUP ⁶	
ARCHIBEK, ERIC				29			GREEN HAY PACKERS LLC
ARCHIBEK, ERIC			239				LAKE WAINANI OWNERS ASSOCIATION
ARCHIBEK, ERIC		259					ST. ANTONY COPTIC ORTHODOX MONASTERY
ARCHIBEK, ERIC				1			ST. ANTONY COPTIC ORTHODOX MONASTERY
ARCHIBEK, ERIC				140			WESTERN HORIZON ASSOCIATES, INC.
BREDELIS, RONALD C. AND JEAN		3					DE JONG FAMILY TRUST
CALICO LAKES HOMEOWNERS ASSOCIATION				260			CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
CROSS, FRANCIS AND BEVERLY		9					BARTELS, GWENDOLYN J.
CROSS, FRANCIS AND BEVERLY	40						BARTELS, GWENDOLYN J.
EVERT FAMILY TRUST				4			BUBIER, DIANE GAIL
EVERT FAMILY TRUST		1					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
EVERT FAMILY TRUST				5			SAGABEAN-BARKER, KANOELOKELANI L.
GABRYCH, EUGENE	1,637						NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
GARG, OM P.		100					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
GRAY, GEORGE F. AND BETTY E.		20					DE JONG FAMILY TRUST
HARTER, JOE AND SUE				20			DAGGETT COMMUNITY SERVICES DISTRICT
HARTER, JOE AND SUE		400					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
HARTER, JOE AND SUE		100					ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOM
HASS, PAULINE L.		7					DE JONG FAMILY TRUST
HIETT, HARRY L.				6			DAGGETT COMMUNITY SERVICES DISTRICT
HILARIDES 1998 REVOCABLE FAMILY TRUST		62					HACKBARTH, EDWARD E.
HONG, PAUL B. AND MAY			18				NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
HONG, PAUL B. AND MAY		18					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
HU, MINSHENG	43						FENG, JINBAO
HU, MINSHENG		9					FENG, JINBAO
HYATT, JAMES AND BRENDA		34					DE JONG FAMILY TRUST
IM, NICHOLAS NAK-KYUN	247						CHISRAM, ET AL.
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST		4					IRVIN, BERTRAND W.
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST		8					MARTIN, MICHAEL D. AND ARLENE D.
KASNER FAMILY LIMITED PARTNERSHIP		173					HACKBARTH, EDWARD E.
KASNER FAMILY LIMITED PARTNERSHIP	841						NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
KASNER, ROBERT				78			GABRYCH, EUGENE
LAKE WAINANI OWNERS ASSOCIATION		161					ARCHIBEK, ERIC
LAKE WAINANI OWNERS ASSOCIATION		239					ARCHIBEK, ERIC

APPENDIX E

APRIL 23, 2025

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	2022-23 CARRYOVER ²	2023-24 FPA ³	2022-23 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2022-23 CARRYOVER IN LIEU OF MAKEUP ⁵	2023-24 FPA IN LIEU OF MAKEUP ⁶	
LIANG, YUAN - I AND TZU - MEI CHEN		41					NSSLC, INC.
LIN, KUAN JUNG AND CHUNG, DER-BING			93				NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
MIZRAHIE, ET AL.		30					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
MOJAVE WATER AGENCY			200				GENON CALIFORNIA SOUTH, LP
MORRIS TRUST, JULIA V.		62					DE JONG FAMILY TRUST
NEW SPRINGS LIMITED PARTNERSHIP				9			BUBIER, DIANE GAIL
NEW SPRINGS LIMITED PARTNERSHIP		26					MARTIN, MICHAEL D. AND ARLENE D.
NEW SPRINGS LIMITED PARTNERSHIP		370					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
NEW SPRINGS LIMITED PARTNERSHIP		43					NSSLC, INC.
NEW SPRINGS LIMITED PARTNERSHIP		28					QUIROS, FRANCISCO J. AND HERRMANN, RONALD
NEW SPRINGS LIMITED PARTNERSHIP				2			SMITH, DENISE DBA AMEREQUINE BEAUTY, INC
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		395					CALICO LAKES HOMEOWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	204						CALICO LAKES HOMEOWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	204						CHEYENNE LAKE, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		90					CHEYENNE LAKE, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			37				CHEYENNE LAKE, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		34					CHEYENNE LAKE, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	204						CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION				153			CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		33					CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		48					HORTON FAMILY TRUST
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			2				HORTON FAMILY TRUST
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	841						KASNER FAMILY LIMITED PARTNERSHIP
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	204						LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION				165			LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		33					LAKE JODIE PROPERTY OWNERS ASSOCIATION
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		237					O. F. D. L., INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	204						O. F. D. L., INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		50					SUNDOWN LAKES, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION				41			SUNDOWN LAKES, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			36				SUNDOWN LAKES, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	204						SUNDOWN LAKES, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION			37				WET SET, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	204						WET SET, INC.

APPENDIX E

APRIL 23, 2025

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	2022-23 CARRYOVER ²	2023-24 FPA ³	2022-23 CARRYOVER IN LIEU OF REPLACEMENT ⁴	2022-23 CARRYOVER IN LIEU OF MAKEUP ⁵	2023-24 FPA IN LIEU OF MAKEUP ⁶	
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION		90					WET SET, INC.
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	204						WLSR, INC.
O. F. D. L., INC.				86			LAKE JODIE PROPERTY OWNERS ASSOCIATION
SOUTHERN CALIFORNIA EDISON COMPANY		103					DAGGETT COMMUNITY SERVICES DISTRICT
SOUTHERN CALIFORNIA EDISON COMPANY				20			DAGGETT COMMUNITY SERVICES DISTRICT
UPPAL, GAGAN		39					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
VAN DAM FAMILY TRUST, GLEN AND JENNIFER				25			DAGGETT COMMUNITY SERVICES DISTRICT
VAN DAM FAMILY TRUST, GLEN AND JENNIFER		407					NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION
VANDER DUSSEN TRUST, AGNES AND EDWARD		331					HACKBARTH, EDWARD E.
WESTERN HORIZON ASSOCIATES, INC.			239				ARCHIBEK, ERIC
TOTAL	5,281	4,097	901	1,044	0	0	
TOTAL - ALL SUBAREAS	5,420	10,798	1,174	13,961	0	0	

NOTES FOR APPENDIX E

- 1 TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT DURING 2023-24.
- 2 TRANSFERS OF 2022-23 CARRYOVER (UNUSED FPA) FOR USE DURING 2023-24.
- 3 TRANSFERS OF 2023-24 FREE PRODUCTION ALLOWANCE FOR USE DURING 2023-24.
- 4 2022-23 CARRYOVER IN LIEU OF REPLACEMENT TRANSFERS ARE MADE ONLY FOR SATISFACTION OF REPLACEMENT WATER OBLIGATIONS INCURRED DURING 2022-23.
- 5 2022-23 CARRYOVER IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2022-23.
- 6 2023-24 FPA IN LIEU MAKEUP TRANSFERS ARE MADE ONLY FOR SATISFACTION OF MAKEUP WATER OBLIGATIONS INCURRED DURING 2022-23.

APPENDIX F

BALANCES IN STORAGE AGREEMENTS

APPENDIX F

APRIL 23, 2025

STORAGE AGREEMENT ACCOUNTING AND BALANCES
2023-24 WATER YEAR
(ALL AMOUNTS IN ACRE-FEET)

STORER	STORAGE AGREEMENT				ACTIVITY				BALANCE AS OF 9/30/24
	INITIATION DATE	EXPIRATION DATE	MAXIMUM AMOUNT ¹	AMOUNT STORED AS OF 10/1/23	ADDITIONS	LOSSES ²	DISSIPATION ³	EXTRACTIONS	
VICTORVILLE WATER DISTRICT, ID#1 - INJECTION	05/23/2012	06/30/2022	13,000	1,000	0	0	0	0	1,000
VICTORVILLE WATER DISTRICT, ID#1 - PERCOLATION	07/27/2016	09/30/2028	0	7,128	2,015	-60	0	-2,439	6,644
VICTORVILLE WATER DISTRICT, ID#1 TOTAL			13,000	8,128	2,015	-60	0	-2,439	7,644
MOJAVE WATER AGENCY - ALTO	09/28/2016	09/28/2036	242,000	198,403	19,499	-585	0	-5,872	211,445
MOJAVE WATER AGENCY - BAJA	09/28/2016	09/28/2036	50,000	25,117	0	0	0	0	25,117
MOJAVE WATER AGENCY - CENTRO	09/28/2016	09/28/2036	75,000	33,428	2,041	-61	0	0	35,408
MOJAVE WATER AGENCY - ESTE	09/28/2016	09/28/2036	7,000	1,334	0	0	0	0	1,334
MOJAVE WATER AGENCY - OESTE	09/28/2016	09/28/2036	7,000	0	0	0	0	0	0
MOJAVE WATER AGENCY TOTAL			381,000	258,282	21,540	-646	0	-5,872	273,304

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, 2024



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

Annual Financial Report

For the Fiscal Year Ended June 30, 2024



www.mojavewater.org
13846 Conference Center Dr.
Apple Valley, CA 92307

Mojave Basin Area Watermaster
Annual Financial Report
For the Fiscal Year Ended June 30, 2024 (with comparative data for 2023)

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Financial Section

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Independent Auditor's Report

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Quality Center*

California Society of
Certified Public Accountants

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, 2024, 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 referred to above present fairly, in all material respects, the financial position of the Watermaster as of June 30, 2024, 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 (*Government Auditing Standards*) 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.



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

Auditor's Responsibilities for the Audit of the Financial Statements

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

In performing an audit in accordance with GAAS and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of Watermaster's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about Watermaster's ability to continue as a going concern for a reasonable period of time.

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

Required Supplementary Information

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

Report on Summarized Comparative Information

We have previously audited the Watermaster's 2023 financial statements, and we expressed unmodified opinions on the respective financial statements in our report dated October 26, 2023. In our opinion, the summarized comparative information presented herein as of and for the year ended June 30, 2023, is consistent, in all material respects, with the audited financial statements from which it has been derived.

Other Matter

Prior Year Comparative Information

The financial statements include summarized prior-year comparative information. Such information does not include sufficient detail to constitute a presentation in conformity with accounting principles generally accepted in the United States of America. Accordingly, such information should be read in conjunction with the Watermaster's financial statements for the year ended June 30, 2023, from which such summarized information was derived.

Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated November 14, 2024 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
November 14, 2024

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Mojave Basin Area Watermaster
Management's Discussion and Analysis
For the Fiscal Year Ended June 30, 2024

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, 2024, and 2023. 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 2024, the Watermaster's net position increased 33%, or \$305,637, to \$1,230,288 as a result of timing of payments for the Replacement Assessments. In fiscal year 2023, the Watermaster's net position increased 17%, or \$132,936, to \$924,651 primarily driven by a decrease in administrative expenses of \$177,701 due to vacant staff positions and lower legal and engineering charges. This was offset by a decrease in Biological, Replacement and Makeup Assessments revenue of \$52,581.
- In fiscal year 2024, the Watermaster's operating revenues decreased 59%, or \$3,265,428, to \$2,303,468 primarily due to a decrease in Replacement Assessments driven by a preceding wet weather year. In fiscal year 2023, the Watermaster's operating revenues decreased 10%, or \$600,165, to \$5,568,896 driven by a decrease of \$606,991 in Replacement Assessments due to a reduction in pumping.
- In fiscal year 2024, the Watermaster's operating expenses decreased 63%, or \$3,461,169, to \$1,994,518 primarily due to a decreased amount of State Water Project importation for replacement charges due to local hydrology. In fiscal year 2023, the Watermaster's operating expenses decreased 12%, or \$750,393, to \$5,455,687 primarily due to a decrease of \$565,814 for the amount of State Water Project importation for replacement charges, as well as a decrease in administrative expenses of \$177,701 driven by vacant staff positions, lower legal and engineering consulting charges.

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 2024 and 2023.

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, 2024

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	Change
	2024	2023	Change		
Assets					
Current assets	\$ 3,219,775	\$ 6,288,238	\$ (3,068,463)	\$ 6,788,267	\$ (500,029)
Non-current assets	161,035	14,754	146,281	2,540	12,214
Total assets	<u>3,380,810</u>	<u>6,302,992</u>	<u>(2,922,182)</u>	<u>6,790,807</u>	<u>(487,815)</u>
Liabilities					
Current liabilities	<u>2,150,522</u>	<u>5,378,341</u>	<u>(3,227,819)</u>	<u>5,999,092</u>	<u>(620,751)</u>
Total liabilities	<u>2,150,522</u>	<u>5,378,341</u>	<u>(3,227,819)</u>	<u>5,999,092</u>	<u>(620,751)</u>
Net position					
Restricted	<u>1,230,288</u>	<u>924,651</u>	<u>305,637</u>	<u>791,715</u>	<u>132,936</u>
Total net position	<u>\$ 1,230,288</u>	<u>\$ 924,651</u>	<u>\$ 305,637</u>	<u>\$ 791,715</u>	<u>\$ 132,936</u>

As noted earlier, net position may serve over time as a useful indicator of a government's financial position. In the case of the Watermaster, assets of the Watermaster exceeded liabilities by \$1,230,288 and \$924,651 as of June 30, 2024 and 2023, 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, 2024

Statements of Revenues, Expenses and Changes in Net Position

	<u>Condensed Statements of Revenues, Expenses and Changes in Net Position</u>				
	<u>2024</u>	<u>2023</u>	<u>Change</u>	<u>2022</u>	<u>Change</u>
Revenue:					
Operating revenues	\$ 2,303,468	\$ 5,568,896	\$ (3,265,428)	\$ 6,169,061	\$ (600,165)
Non-operating revenues	122,342	65,348	56,994	6,858	58,490
Total revenues	<u>2,425,810</u>	<u>5,634,244</u>	<u>(3,208,434)</u>	<u>6,175,919</u>	<u>(541,675)</u>
Expenses:					
Operating expenses	1,994,518	5,455,687	(3,461,169)	6,206,080	(750,393)
Non-operating expenses	125,655	45,621	80,034	96,133	(50,512)
Total expenses	<u>2,120,173</u>	<u>5,501,308</u>	<u>(3,381,135)</u>	<u>6,302,213</u>	<u>(800,905)</u>
Change in net position	305,637	132,936	172,701	(126,294)	259,230
Net position, beginning of year	<u>924,651</u>	<u>791,715</u>	<u>132,936</u>	<u>918,009</u>	<u>(126,294)</u>
Net position, end of year	<u>\$ 1,230,288</u>	<u>\$ 924,651</u>	<u>\$ 305,637</u>	<u>\$ 791,715</u>	<u>\$ 132,936</u>

In fiscal year 2024, the Watermaster's net position increased 33%, or \$305,637, to \$1,230,288 as a result of timing of payments for the Replacement Assessments. In fiscal year 2023, the Watermaster's net position increased 17%, or \$132,936, to \$924,651 primarily driven by a decrease in administrative expenses of \$177,701 due to vacant staff positions and lower legal and engineering charges. This was offset by a decrease in Biological, Replacement and Makeup Assessments revenue of \$52,581.

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

In fiscal year 2024, the Watermaster's total revenues decreased 57%, or \$3,208,434, to \$2,425,810 due to a decrease of \$3,286,291 in Replacement Assessments that is driven by decreased pumping due to local hydrology. In fiscal year 2023, the Watermaster's total revenues decreased 9%, or \$541,675, to \$5,634,244 driven by a decrease of \$606,991 in Replacement Assessments due to a reduction in pumping. This was offset by an increase in investment earnings of \$53,871.

In fiscal year 2024, the Watermaster's total expenses decreased 61%, or \$3,381,135, to \$2,120,173 due to a decrease of \$3,447,671 in State Water Project importation charges for Replacement water. In fiscal year 2023, the Watermaster's total expenses decreased 13%, or \$800,905, to \$5,501,308 primarily due to a decrease of \$565,814 for the amount of State Water Project importation for replacement charges, as well as a decrease in administrative expenses of \$177,701 driven by vacant staff positions, lower legal and engineering consulting charges. In addition, a decrease of \$50,512 for expenses used in the Biological fund.

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.

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Basic Financial Statements

Mojave Basin Area Watermaster
Statements of Net Position
June 30, 2024 (with comparative data for 2023)

	2024	2023
ASSETS		
Current assets:		
Restricted - cash and cash equivalents (Note 2)	\$ 1,940,000	\$ 3,351,558
Accrued interest receivable	1,264	5,253
Accounts receivable - Administrative assessments	4,657	4,996
Accounts receivable - Biological assessments	652	616
Accounts receivable - Replacement assessments	1,272,663	2,923,362
Accounts receivable - Make-up assessments	539	2,453
	<u>3,219,775</u>	<u>6,288,238</u>
Total current assets		
	<u>3,219,775</u>	<u>6,288,238</u>
Non-current assets:		
Accounts receivable - Administrative assessments	15,573	2,242
Accounts receivable - Biological assessments	247	98
Accounts receivable - Replacement assessments	145,215	12,386
Accounts receivable - Make-up assessments	-	28
	<u>161,035</u>	<u>14,754</u>
Total non-current assets		
	<u>161,035</u>	<u>14,754</u>
Total assets	<u>3,380,810</u>	<u>6,302,992</u>
LIABILITIES		
Current liabilities:		
Accounts payable - Administrative	6,703	21,854
Accounts payable - Biological	125,655	45,431
Accounts payable - Replacement	1,750,789	5,071,960
Accounts payable - Make-up	-	16,980
Due to Mojave Water Agency	267,375	222,116
	<u>2,150,522</u>	<u>5,378,341</u>
Total current liabilities		
	<u>2,150,522</u>	<u>5,378,341</u>
Total liabilities	<u>2,150,522</u>	<u>5,378,341</u>
NET POSITION		
Restricted for Watermaster (Note 3)	1,230,288	924,651
	<u>1,230,288</u>	<u>924,651</u>
Total net position	<u>\$ 1,230,288</u>	<u>\$ 924,651</u>

See accompanying notes to the basic financial statements.

Mojave Basin Area Watermaster**Statements of Revenues, Expenses, and Changes in Net Position**
For the Fiscal Year Ended June 30, 2024 (with comparative data for 2023)

	2024	2023
OPERATING REVENUES		
Administrative assessments	\$ 478,674	\$ 444,354
Biological assessments	113,974	109,812
Replacement assessments	1,710,820	4,997,111
Make-up assessments	-	17,619
Total operating revenues	2,303,468	5,568,896
OPERATING EXPENSES		
State Water Project importation charges:		
Replacement charges	1,591,664	5,039,335
Make-up charges	-	17,520
Operating costs	402,854	398,832
Total operating expenses	1,994,518	5,455,687
Operating income (loss)	308,950	113,209
NONOPERATING REVENUES (EXPENSES)		
Investment earnings (loss)	92,890	47,013
Administrative revenue	29,452	18,335
Administrative expense	-	(190)
Biological expense	(125,655)	(45,431)
Total nonoperating revenues (expenses)	(3,313)	19,727
Change in net position	305,637	132,936
Net position, beginning of year	924,651	791,715
Net position, end of year	\$ 1,230,288	\$ 924,651

See accompanying notes to the basic financial statements.

Mojave Basin Area Watermaster
Statements of Cash Flows
For the Fiscal Year Ended June 30, 2024 (with comparative data for 2023)

	<u>2024</u>	<u>2023</u>
Cash flows from operating activities:		
Cash receipts from customers and others	\$ 3,810,103	\$ 7,127,724
Cash paid to vendors and suppliers	(5,033,030)	(5,852,753)
Cash paid to employees for salaries and wages	(285,510)	(250,971)
Net cash provided (used) by operating activities	<u>(1,508,437)</u>	<u>1,024,000</u>
Cash flows from investing activities:		
Investment earnings	<u>96,879</u>	<u>43,169</u>
Net cash provided (used) by investing activities	<u>96,879</u>	<u>43,169</u>
Net increase (decrease) in cash and cash equivalents	(1,411,558)	1,067,169
Cash and investments, beginning of year	<u>3,351,558</u>	<u>2,284,389</u>
Cash and investments, end of year	<u><u>\$ 1,940,000</u></u>	<u><u>\$ 3,351,558</u></u>
Reconciliation to the Statement of Net Position:		
Restricted - cash and cash equivalents	<u>\$ 1,940,000</u>	<u>\$ 3,351,558</u>
Total cash and investments	<u><u>\$ 1,940,000</u></u>	<u><u>\$ 3,351,558</u></u>

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Mojave Basin Area Watermaster
Statements of Cash Flows, continued
For the Fiscal Year Ended June 30, 2024 (with comparative data for 2023)

	<u>2024</u>	<u>2023</u>
Reconciliation of operating income (loss) to net cash provided by operating activities		
Operating income (loss)	\$ 308,950	\$ 113,209
Adjustments to reconcile operating income (loss) to net cash provided (used) by operating activities:		
Nonoperating revenues	29,452	18,335
Nonoperating expenses	(125,655)	(45,621)
Changes in assets and liabilities:		
(Increase) Decrease in assets:		
Accounts receivable - Administrative assessments	(12,992)	159
Accounts receivable - Biological assessments	(185)	54
Accounts receivable - Replacement assessments	1,517,870	1,557,842
Accounts receivable - Make-up assessments	1,942	773
Increase (Decrease) in liabilities:		
Accounts payable - Administrative	(15,151)	(12,000)
Accounts payable - Biological	80,224	(50,702)
Accounts payable - Replacement	(3,321,171)	(552,074)
Accounts payable - Make-up	(16,980)	(7,253)
Due to Mojave Water Agency	45,259	1,278
Total adjustments	<u>(1,817,387)</u>	<u>910,791</u>
Net cash provided (used) by operating activities	<u>\$ (1,508,437)</u>	<u>\$ 1,024,000</u>
Noncash activities		
None		

See accompanying notes to the basic financial statements.

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Note 1: Reporting Entity and Summary of Significant Accounting Policies

A. Organization and Operations of the Reporting Entity

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

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

B. Basis of Accounting and Measurement Focus

The Watermaster reports its activities as an enterprise fund, which is used to account for operations that are financed and operated in a manner similar to a private business enterprise, where the intent of the Watermaster is that the costs of delivering wholesale water to its service area on a continuing basis be financed or recovered primarily through user charges (assessments). Revenues and expenses are recognized on the full accrual basis of accounting. Revenues are recognized in the accounting period in which they are earned and expenses are recognized in the period incurred, regardless of when the related cash flows take place.

Operating revenues and expenses, such as the Watermaster assessments, result from exchange transactions associated with the principal activity of the Agency. Exchange transactions are those in which each party receives and gives up essentially equal values. The principal operating revenues of the Watermaster are water sales (assessments) to member water right holders. Management, administration and depreciation expenses are also considered operating expenses. Other revenues and expenses not included in the above categories are reported as non-operating revenues and expenses.

C. Financial Reporting

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

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

D. Assets, Liabilities, and Net Position

Use of Estimates

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

Cash and Cash Equivalents

Substantially, all of the Watermaster's cash is invested in interest bearing accounts. The Watermaster considers all highly liquid investments with a maturity of three months or less to be cash equivalents.

Investments

Changes in fair value that occur during a fiscal year are recognized as investment income reported for that fiscal year. Investment income includes interest earnings, changes in fair value, and any gains or losses realized upon the liquidation or sale of investments.

Fair Value Measurements

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

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

Accounts Receivable and Allowance for Uncollectible Accounts

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

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

D. Assets, Liabilities, and Net Position, continued

Net Position

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

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

Net Position Flow Assumption

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

Note 2: Cash and Cash Equivalents

Investment in State Investment Pool

The Watermaster is a voluntary participant in the Local Agency Investment Fund (LAIF) that is regulated by the California Government Code under the oversight of the Treasurer of the State of California. The fair value of the Watermaster's investment in this pool is reported in the accompanying financial statements at amounts based upon the Agency's pro-rata share of the fair value provided by LAIF for the entire LAIF portfolio (in relation to the amortized cost of that portfolio). The balance available for withdrawal is based on the accounting records maintained by LAIF, which are recorded on an amortized cost basis. The Watermaster may invest up to \$75,000,000 in the LAIF fund. LAIF has a minimum \$5,000 transaction amount in increments of \$1,000 with a maximum of 15 transactions (combination of deposits and withdrawals) per month. LAIF requires a one-day prior notice for deposits and withdrawals of \$10 million or more.

Mojave Basin Area Watermaster
Notes to the Basic Financial Statements
For the Fiscal Year Ended June 30, 2024 (with comparative data for 2023)

Note 2: Cash and Cash Equivalents, continued

Investment in the California Cooperative Liquid Assets Securities System

The Watermaster is a voluntary participant in the California Cooperative Liquid Assets Securities System (California CLASS). California CLASS is a joint exercise of powers entity authorized under Section 6509.7, California Government Code. California CLASS is a pooled investment option that was created via a joint exercise of powers agreement by and among California public agencies. The fair value of the Watermaster's investment in this pool is reported in the accompanying financial statements. There are no limitations on withdrawals.

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:

	2024	2023
Restricted - cash and cash equivalents:		
Administrative	\$ 151,957	\$ 17,395
Biological resources trust	916,333	814,968
Replacement water	866,636	2,499,407
Make-up water	5,074	19,788
	<u>\$ 1,940,000</u>	<u>\$ 3,351,558</u>

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

	2024	2023
Demand deposits with financial institutions	\$ 400,220	\$ 1,228,656
Local Agency Investment Fund (LAIF)	111,638	101,965
California Cooperative Liquid Assets Securities System (California CLASS)	1,428,142	2,020,937
	<u>\$ 1,940,000</u>	<u>\$ 3,351,558</u>
Total cash and investments	<u>\$ 1,940,000</u>	<u>\$ 3,351,558</u>

Mojave Basin Area Watermaster
Notes to the Basic Financial Statements
For the Fiscal Year Ended June 30, 2024 (with comparative data for 2023)

Note 2: Cash and Cash Equivalents, continued

Custodial Credit Risk, continued

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

	<u>2024</u>	<u>2023</u>
Deposits held with California Local Agency Investment Fund (LAIF)	217 days	260 days
California Cooperative Liquid Assets Securities System (California CLASS)	≤ 60 days	≤ 60 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, external investment pools (such as California CLASS) or government investment pools (such as LAIF).

Interest Rate Risk

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

Credit Risk

Credit risk is the risk that an issuer of an investment will not fulfill its obligation to the holder of the investment. This is measured by the assignment of a rating by a nationally recognized statistical rating organization. LAIF is not rated. California CLASS is rated by S&P Global Ratings; the current rating is 'AAAm'.

Concentration of Credit Risk

The investment policy of the Watermaster contains no limitations on the amount that can be invested in any one issuer beyond that stipulated by the California Government Code. At June 30, 2024 and 2023, the Watermaster did not hold any investments in any one issuer (other than external pools) that represent 5% or more of total Watermaster investments.

Mojave Basin Area Watermaster
Notes to the Basic Financial Statements
For the Fiscal Year Ended June 30, 2024 (with comparative data for 2023)

Note 3: Net Position

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

	2024	2023
Restricted net position:		
Administrative	\$ (100,628)	\$ (214,082)
Biological resources trust	791,578	770,250
Replacement water	533,724	363,195
Make-up water	5,614	5,288
	<hr/>	<hr/>
Total restricted net position	<u>\$ 1,230,288</u>	<u>\$ 924,651</u>

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

Note 4: Risk Management

The Watermaster is exposed to various risks of loss related to torts, theft of, damage to and destruction of assets; errors and omissions; injuries to employees; and natural disasters. The Watermaster is a member of the Association of California Water Agencies/Joint Powers Insurance Authority (ACWA/JPIA), an intergovernmental risk sharing joint powers authority created to provide self-insurance programs for California water agencies. The purpose of the ACWA/JPIA is to arrange and administer programs of self-insured losses and to purchase excess insurance coverage.

At June 30, 2024, the Watermaster participates in the ACWA/JPIA pooled programs for liability, and property programs as follows:

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

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

- Crime coverage up to \$100,000 per loss includes public employee dishonesty, depositor's forgery or alteration, theft, computer and funds transfer fraud coverage's, subject to \$1,000 deductible per loss.
- Property loss is paid at the replacement cost for property on file, if replaced within two years after the loss, otherwise paid on an actual cash value basis, to a combined total of \$150 million per loss, subject to a \$1,000 deductible per loss. Mobile equipment and vehicles, on file, are paid on actual cost value basis at time of loss and subject to \$1,000 deductible per loss.
- Boiler and machinery coverage for the replacement cost up to \$150 million per occurrence, subject to various deductibles depending on the type of equipment, on file.

Note 4: Risk Management, continued

The Watermaster has purchased workers' compensation insurance coverage for injuries to employees through the Special District Risk Management Association (SDRMA), an intergovernmental risk sharing joint powers authority created to provide self-insurance programs for California special districts. The purpose of the SDRMA is to arrange and administer programs of self-insured losses and to purchase excess insurance coverage. At June 30, 2024, 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, 2024, 2023 and 2022. 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, 2024, 2023, and 2022, 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.

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Report on Internal Control and Compliance

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

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Quality Center

California Society of
Certified Public Accountants

Independent Auditor's Report

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, 2024, and the related notes to the financial statements, which collectively comprise the Watermaster's basic financial statements, and have issued our report thereon dated November 14, 2024.

Report on Internal Control over Financial Reporting

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

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

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



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Report on Compliance and Other Matters

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

Purpose of this Report

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

Rogers, Anderson, Malody & Scott, LLP.

San Bernardino, California
November 14, 2024

APPENDIX H

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25

AND PROPOSED FREE PRODUCTION ALLOWANCE

FOR WATER YEAR 2025-26

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 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	107	97	50%	204	88	45%
ABSHIRE, DAVID V.	24	0	12	50%	12	11	45%
AHN REVOCABLE LIVING TRUST	0	0	0	50%	0	0	45%
AHN REVOCABLE TRUST	28	16	14	50%	30	13	45%
AHN, CHUN SOO AND DAVID	400	220	200	50%	420	180	45%
AMERICA UNITED DEVELOPMENT, LLC	500	275	250	50%	525	225	45%
ANDERSON, ROSS C. AND BETTY J.	34	19	17	50%	36	16	45%
AVILA, ANGEL AND EVALIA	573	316	287	50%	603	258	45%
BAR H MUTUAL WATER COMPANY	53	30	27	50%	57	24	45%
BELL, CHARLES H. TRUST DATED MARCH 7, 2014	494	272	247	50%	519	223	45%
CASA COLINA FOUNDATION	90	50	45	50%	95	41	45%
CENTER WATER COMPANY	40	22	20	50%	42	18	45%
CHUNG, ET AL.	0	0	0	50%	0	0	45%
CLUB VIEW PARTNERS	1,276	702	638	50%	1,340	575	45%
COME MISSION, INC.	0	0	0	50%	0	0	45%
CROSS, SHARON I.	23	13	12	50%	25	11	45%
CROWN CAMBRIA, LLC	90	50	45	50%	95	41	45%
DACOSTA, DEAN EDWARD	56	31	28	50%	59	26	45%
DAHLQUIST, GEORGE R.	324	179	162	50%	341	146	45%
DESERT DAWN MUTUAL WATER COMPANY	15	0	8	50%	8	7	45%
DESERT GIRLZ LLC	299	165	150	50%	315	135	45%
DESERT SPRINGS MUTUAL WATER COMPANY	78	43	39	50%	82	36	45%
DOUGLASS, TINA	50	28	25	50%	53	23	45%
GABRYCH, EUGENE	2,201	1,211	1,101	50%	2,312	991	45%
GAETA, MIGUEL AND MARIA	1,500	825	750	50%	1,575	675	45%
GAETA, TRINIDAD	512	282	256	50%	538	231	45%
GARDENA MISSION CHURCH, INC.	0	0	0	50%	0	0	45%
GAYJIKIAN, SAMUEL AND HAZEL	102	57	51	50%	108	46	45%

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
GOLDEN STATE WATER COMPANY	178	43	89	50%	132	81	45%
GOLF INVESTMENTS LLC	0	0	0	50%	0	0	45%
GORDON ACRES WATER COMPANY	54	30	27	50%	57	25	45%
GUBLER, HANS	30	17	15	50%	32	14	45%
HARVEY, LISA M.	300	165	150	50%	315	135	45%
HI-GRADE MATERIALS COMPANY	442	244	221	50%	465	199	45%
HITCHIN LUCERNE, INC.	16	8	8	50%	16	8	45%
JONES TRUST DATED MARCH 16, 2002	66	37	33	50%	70	30	45%
JUBILEE MUTUAL WATER COMPANY	142	0	71	50%	71	64	45%
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	0	19	50%	19	17	45%
KIM, JU SANG	30	17	15	50%	32	14	45%
LEE, ANNA K. AND ESHBAN K.	33	19	17	50%	36	15	45%
LEE, DOO HWAN	78	43	39	50%	82	36	45%
LOPEZ, BALTAZAR	385	212	193	50%	405	174	45%
LUA, MICHAEL T. AND DONNA S.	348	192	174	50%	366	157	45%
LUCERNE VALLEY MUTUAL WATER COMPANY	54	30	27	50%	57	25	45%
LUCERNE VALLEY PARTNERS	1,213	668	607	50%	1,275	546	45%
LUCERNE VALLEY UNIFIED SCHOOL DISTRICT	200	110	100	50%	210	90	45%
LUCERNE VISTA MUTUAL WATER COMPANY	21	0	11	50%	11	10	45%
M.B. LANDSCAPING AND NURSERY, INC.	1,773	243	887	50%	1,130	798	45%
MITSUBISHI CEMENT CORPORATION	1,395	768	698	50%	1,466	628	45%
MONACO INVESTMENT COMPANY	70	39	35	50%	74	32	45%
MOSS, LAWRENCE W. AND HELEN J.	43	24	22	50%	46	20	45%
NORRIS TRUST, MARY ANN	73	41	37	50%	78	33	45%
OASIS WORLD MISSION	0	0	0	50%	0	0	45%
OMYA CALIFORNIA, INC.	23	0	12	50%	12	11	45%
PAK, KAE SOO AND MYONG HUI KANG	247	136	124	50%	260	112	45%
PETTIGREW, DAN	22	13	11	50%	24	10	45%

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

ESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
REED, MIKE	58	32	29	50%	61	27	45%
RHEE, ANDREW N.	70	39	35	50%	74	32	45%
ROBERTSON'S READY MIX	0	0	0	50%	0	0	45%
ROYAL WAY	200	110	100	50%	210	90	45%
S AND E 786 ENTERPRISES, LLC	597	329	299	50%	628	269	45%
SABA FAMILY TRUST DATED JULY 24, 2018	1,120	616	560	50%	1,176	504	45%
SAN BERNARDINO COUNTY SERVICE AREA 29	40	0	20	50%	20	18	45%
SON'S RANCH	140	77	70	50%	147	63	45%
SPECIALTY MINERALS, INC.	52	0	26	50%	26	24	45%
SPILLMAN, JAMES R. AND NANCY J.	23	13	12	50%	25	11	45%
WEST END MUTUAL WATER COMPANY	30	6	15	50%	21	14	45%
WILSHIRE ROAD PARTNERS	692	381	346	50%	727	312	45%
TOTAL	19,251	9,615	9,635		19,250	8,688	

APPENDIX H

APRIL 23, 2025

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)

OESTE SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 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	330	297	45%	627	297	45%
CHAMISAL MUTUAL WATER COMPANY	96	48	44	45%	92	44	45%
HANDRINOS, NICOLE A.	7	4	4	45%	8	4	45%
HETTINGA REVOCABLE TRUST	1,302	651	586	45%	1,237	586	45%
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 3)	4,680	2,332	2,106	45%	4,438	2,106	45%
TROEGER FAMILY TRUST, RICHARD H.	112	56	51	45%	107	51	45%
TOTAL	6,857	3,421	3,088		6,509	3,088	

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
ADELANTO, CITY OF	5,182	0	2,612	50.4%	2,612	2,612	50.4%
ADES, JOHN AND DEVON	37	17	19	50.4%	36	19	50.4%
AGCON, INC.	384	0	194	50.4%	194	194	50.4%
AMERICAN STATES WATER COMPANY	1,000	505	504	50.4%	1,009	505	50.4%
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	36	85	50.4%	121	85	50.4%
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	137	0	69	50.4%	69	70	50.4%
APPLE VALLEY UNIFIED SCHOOL DISTRICT	0	0	0	50.4%	0	0	50.4%
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	0	19	50.4%	19	19	50.4%
APPLE VALLEY, TOWN OF	1,082	83	546	50.4%	629	546	50.4%
BASS TRUST, NEWTON T.	514	256	260	50.4%	516	260	50.4%
BASTIANON REVOCABLE TRUST	77	38	39	50.4%	77	39	50.4%
BEINSCHROTH FAMILY TRUST	275	130	139	50.4%	269	139	50.4%
BEINSCHROTH, ANDY ERIC	250	126	126	50.4%	252	127	50.4%
BOX, GEARY S. AND LAURA	22	10	12	50.4%	22	12	50.4%
BROWN FAMILY TRUST DATED AUGUST 11, 1999	42	21	22	50.4%	43	22	50.4%
BROWN, JENNIFER	41	19	21	50.4%	40	21	50.4%
BRUNEAU, KAREN	10	4	6	50.4%	10	6	50.4%
BRYANT FAMILY TRUST DATED MAY 9, 2007	29	15	15	50.4%	30	15	50.4%
BUNNELL, DICK	24	11	13	50.4%	24	13	50.4%
CALMAT COMPANY	25	9	13	50.4%	22	13	50.4%
CALPORTLAND COMPANY - AGRICULTURE	643	325	325	50.4%	650	325	50.4%
CALPORTLAND COMPANY - ORO GRANDE PLANT	2,809	620	1,416	50.4%	2,036	1,416	50.4%
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	0	1,062	50.4%	1,062	1,062	50.4%
CDFW - MOJAVE RIVER FISH HATCHERY	20	0	11	50.4%	11	11	50.4%
CEMEX, INC.	1,499	0	756	50.4%	756	756	50.4%
DLW REVOCABLE TRUST	70	36	36	50.4%	72	36	50.4%
DOLCH LIVING TRUST ROBERT AND JUDITH	90	46	46	50.4%	92	46	50.4%
DORA LAND, INC.	15	8	8	50.4%	16	8	50.4%

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 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	36	36	50.4%	72	36	50.4%
FEDERAL BUREAU OF PRISONS, VICTORVILLE	686	346	346	50.4%	692	346	50.4%
FINCH, JENIFER	30	16	16	50.4%	32	16	50.4%
FISCHER REVOCABLE LIVING TRUST	36	19	19	50.4%	38	19	50.4%
FISHER TRUST, JEROME R.	633	320	320	50.4%	640	320	50.4%
FITZWATER, R. E. (SEE NOTE 4)	291						
GOLDEN STATE WATER COMPANY	940	0	474	50.4%	474	474	50.4%
GREEN ACRES ESTATES	25	13	13	50.4%	26	13	50.4%
GULBRANSON, MERLIN	5	3	3	50.4%	6	3	50.4%
HAAS, BRYAN C. AND HINKLE, MARY H.	9	5	5	50.4%	10	5	50.4%
HALANNA EQUITIES III	19	5	10	50.4%	15	10	50.4%
HAMILTON FAMILY TRUST	108	34	55	50.4%	89	55	50.4%
HELENDALE COMMUNITY SERVICES DISTRICT	4,157	601	2,096	50.4%	2,697	2,096	50.4%
HELENDALE SCHOOL DISTRICT	18	10	10	50.4%	20	10	50.4%
HESPERIA - GOLF COURSE, CITY OF	678	0	342	50.4%	342	342	50.4%
HESPERIA VENTURE I, LLC	0	0	0	50.4%	0	0	50.4%
HESPERIA WATER DISTRICT	14,541	0	7,329	50.4%	7,329	7,329	50.4%
HESPERIA, CITY OF	6,736	3,395	3,395	50.4%	6,790	3,395	50.4%
HI-GRADE MATERIALS COMPANY	149	46	76	50.4%	122	76	50.4%
HOLWAY JEFFREY R AND PATRICIA GAGE	8	5	5	50.4%	10	5	50.4%
HOLWAY, JEFFREY R	11	6	6	50.4%	12	6	50.4%
HOLY HEAVENLY LAKE, LLC	6	4	4	50.4%	8	4	50.4%
HUNT, CONNIE	66	34	34	50.4%	68	34	50.4%
JAMBOREE HOUSING CORPORATION	0	0	0	50.4%	0	0	50.4%
JESS RANCH WATER COMPANY	7,230	3,329	3,644	50.4%	6,973	3,644	50.4%
JOHNSON, CARLEAN F. TRUST DATED 10/29/2004	23	5	12	50.4%	17	12	50.4%

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
JOHNSON, PAUL - INDUSTRIAL	0	0	0	50.4%	0	0	50.4%
JOHNSON, RONALD	31	16	16	50.4%	32	16	50.4%
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	63	65	50.4%	128	65	50.4%
KANESAKA, KENJI AND YUKARI	0	0	0	50.4%	0	0	50.4%
KEMPER CAMPBELL RANCH	473	226	239	50.4%	465	239	50.4%
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	332	332	50.4%	664	332	50.4%
LANGLEY, JAMES	5	3	3	50.4%	6	3	50.4%
LANGLEY, JAMES - INDUSTRIAL	0	0	0	50.4%	0	0	50.4%
LAWSON, ERNEST AND BARBARA	15	7	8	50.4%	15	8	50.4%
LENHERT, RONALD AND TONI	37	19	19	50.4%	38	19	50.4%
LHC ALLIGATOR, LLC	498	251	251	50.4%	502	251	50.4%
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	13,610	0	6,860	50.4%	6,860	6,860	50.4%
LOW, DEAN	199	101	101	50.4%	202	101	50.4%
MARIANA RANCHOS COUNTY WATER DISTRICT	280	0	142	50.4%	142	142	50.4%
MCKINNEY, PAULA	23	12	12	50.4%	24	12	50.4%
MLH, LLC	13	5	7	50.4%	12	7	50.4%
MOJAVE DESERT LAND TRUST	40	21	21	50.4%	42	21	50.4%
MOJAVE WATER AGENCY	0	0	0	50.4%	0	0	50.4%
NAVAJO MUTUAL WATER COMPANY	88	45	45	50.4%	90	45	50.4%
NUÑEZ, LUIS SEGUNDO	0	0	0	50.4%	0	0	50.4%
NUNN FAMILY TRUST	36	18	19	50.4%	37	19	50.4%
ORO GRANDE SCHOOL DISTRICT	107	0	54	50.4%	54	54	50.4%
PAUSTELL, JOAN BEINSCHROTH	132	67	67	50.4%	134	67	50.4%
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	179	179	50.4%	358	179	50.4%
POLICH, DONNA	65	33	33	50.4%	66	33	50.4%
RANCHERITOS MUTUAL WATER COMPANY	169	10	86	50.4%	96	86	50.4%
RIM PROPERTIES, LLC	9	5	5	50.4%	10	5	50.4%
ROBERTSON'S READY MIX	20	11	11	50.4%	22	11	50.4%

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 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	15	16	50.4%	31	16	50.4%
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTER	0	0	0	50.4%	0	0	50.4%
SAN BERNARDINO COUNTY SERVICE AREA 42	465	157	235	50.4%	392	235	50.4%
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	0	1,927	50.4%	1,927	1,927	50.4%
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	0	512	50.4%	512	512	50.4%
SCRAY, MICHELLE A. TRUST	15	7	8	50.4%	15	8	50.4%
SHEEP CREEK WATER COMPANY	0	0	0	50.4%	0	0	50.4%
SILVER LAKES ASSOCIATION	4,987	0	2,514	50.4%	2,514	2,514	50.4%
SNOWBALL DEVELOPMENT, INC.	0	0	0	50.4%	0	0	50.4%
SPRING VALLEY LAKE ASSOCIATION	3,768	0	1,900	50.4%	1,900	1,900	50.4%
SPRING VALLEY LAKE COUNTRY CLUB	977	1	493	50.4%	494	493	50.4%
STORM, RANDALL	62	32	32	50.4%	64	32	50.4%
SUDMEIER, GLENN W.	20	10	11	50.4%	21	11	50.4%
SUMMIT VALLEY RANCH, LLC	57	11	29	50.4%	40	29	50.4%
TAYLOR, SHARON L. (FORMERLY: WARD, BARBARA)	65	24	33	50.4%	57	33	50.4%
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	209	211	50.4%	420	211	50.4%
THOMPSON LIVING TRUST, R.L. AND R.A.	0	0	0	50.4%	0	0	50.4%
THRASHER, GARY	373	187	188	50.4%	375	188	50.4%
THUNDERBIRD COUNTY WATER DISTRICT	126	0	64	50.4%	64	64	50.4%
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	26	14	14	50.4%	28	14	50.4%
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	0	121	50.4%	121	121	50.4%
VICTOR VALLEY MEMORIAL PARK	0	0	0	50.4%	0	0	50.4%
VICTORVILLE WATER DISTRICT, ID#1	23,380	0	11,784	50.4%	11,784	11,784	50.4%
VICTORVILLE WATER DISTRICT, ID#2	2,932	0	1,478	50.4%	1,478	1,478	50.4%
VOGLER, ALBERT H.	62	32	32	50.4%	64	32	50.4%
WAGNER LIVING TRUST	1,224	617	617	50.4%	1,234	617	50.4%
WAKULA FAMILY TRUST	11	5	6	50.4%	11	6	50.4%

APPENDIX H

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

ALTO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 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	37	37	50.4%	74	37	50.4%
WEST, JIMMIE E.	10	5	6	50.4%	11	6	50.4%
WESTERN WATER COMPANY	15	8	8	50.4%	16	8	50.4%
WESTLAND INDUSTRIES, INC.	54	4	28	50.4%	32	28	50.4%
WIENER, MELVIN AND MARIAM S.	30	16	16	50.4%	32	16	50.4%
TOTAL	114,308	13,362	57,519		70,881	57,522	

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 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	16	17	56%	33	17	56%
BAR-LEN MUTUAL WATER COMPANY	48	23	27	56%	50	27	56%
BARSTOW COMMUNITY DEVELOPERS, LLC	0	0	0	56%	0	0	56%
BEST, BYRON L.	21	12	12	56%	24	12	56%
BNSF RAILWAY COMPANY	1,585	872	888	56%	1,760	888	56%
BROMMER HOUSE TRUST	361	199	203	56%	402	203	56%
CALMAT COMPANY	0	0	0	56%	0	0	56%
CHOI, YONG IL AND JOUNG AE	38	21	22	56%	43	22	56%
CHONG, JOAN	10	0	6	56%	6	6	56%
CHRISTISON, JOEL	75	42	42	56%	84	42	56%
CONTRATTO, ERSULA	151	84	85	56%	169	85	56%
DARR, JAMES S.	408	225	229	56%	454	229	56%
DE VRIES REVOCABLE TRUST 12-10-2015 (SEE NOTE 4)	260						
DE VRIES, NEIL AND MARY FAMILY TRUST	0	0	0	56%	0	0	56%
DORRANCE, DAVID W. AND TAMELA L.	19	11	11	56%	22	11	56%
FOURFREE USA, INC.	42	24	24	56%	48	24	56%
FRATES, D. COLE	13	8	8	56%	16	8	56%
FRIEND, JOSEPH AND DEBORAH	60	33	34	56%	67	34	56%
GABRYCH, EUGENE	132	73	74	56%	147	74	56%
GOLDEN STATE WATER COMPANY	14,407	7,924	8,068	56%	15,992	8,068	56%
GRILL, NICHOLAS P. AND MILLIE D.	0	0	0	56%	0	0	56%
GUTIERREZ, JOSE AND GLORIA	130	72	73	56%	145	73	56%
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	84	86	56%	170	86	56%
HARMSSEN FAMILY TRUST	722	398	405	56%	803	405	56%
HASKINS, JAMES J.	30	0	17	56%	17	17	56%
HELENDALE COMMUNITY SERVICES DISTRICT	349	192	196	56%	388	196	56%
HENSLEY, MARK P.	27	15	16	56%	31	16	56%

APPENDIX H

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
HI DESERT MUTUAL WATER COMPANY	34	19	20	56%	39	20	56%
HIGH DESERT ASSOCIATES, INC.	513	283	288	56%	571	288	56%
HI-GRADE MATERIALS COMPANY	0	0	0	56%	0	0	56%
HILL FAMILY TRUST AND HILL'S RANCH, INC.	2,335	1,285	1,308	56%	2,593	1,308	56%
HUERTA, HECTOR	656	361	368	56%	729	368	56%
JORDAN FAMILY TRUST	460	253	258	56%	511	258	56%
KASNER FAMILY LIMITED PARTNERSHIP	421	232	236	56%	468	236	56%
KIM, JIN S. AND HYUN H.	190	105	107	56%	212	107	56%
LEE, ET AL., SEPOONG AND WOO POONG	77	43	44	56%	87	44	56%
LEYERLY, RICHARD	65						
LOCKHART LAND HOLDING, LLC	1,433	789	803	56%	1,592	803	56%
MCCOLLUM, CHARLES L.	115	64	65	56%	129	65	56%
MEAD FAMILY TRUST	115	64	65	56%	129	65	56%
MOJAVE SOLAR, LLC	5,239	2,882	2,934	56%	5,816	2,934	56%
MOJAVE WATER AGENCY (FORMERLY: FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE	30	17	17	56%	34	17	56%
MOST FAMILY TRUST	56	31	32	56%	63	32	56%
ODESSA WATER DISTRICT	299	165	168	56%	333	168	56%
OHAI, REYNOLDS AND DOROTHY	137	76	77	56%	153	77	56%
OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K.	722	398	405	56%	803	405	56%
PACIFIC GAS AND ELECTRIC COMPANY	6,580	3,619	3,685	56%	7,304	3,685	56%
REIDO FARMS, LLC	50	28	28	56%	56	28	56%
RIOS, MARIANO V.	8	5	5	56%	10	5	56%
RIVERO, FIDEL V.	20	11	12	56%	23	12	56%
ROBERTSON'S READY MIX	766	422	429	56%	851	429	56%
RUISCH TRUST, DALE W. AND NELLIE H.	650	44	364	56%	408	364	56%
RUISCH, ET AL. (SEE NOTE 4)	862						
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	128	130	56%	258	130	56%

APPENDIX H

APRIL 23, 2025

FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)

CENTRO SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
SYNAGRO-WWT, INC. (DBA NURSURY PRODUCTS, LLC)	0	0	0	56%	0	0	56%
TALLAKSON FAMILY REVOCABLE TRUST	17	10	10	56%	20	10	56%
VERNOLA TRUST, PAT AND MARY ANN	3,116	1,714	1,745	56%	3,459	1,745	56%
VICTORVILLE WATER DISTRICT, ID#1	5,164	2,841	2,892	56%	5,733	2,892	56%
WERNER, ANDREW J.	18	10	11	56%	21	11	56%
WESTERN DEVELOPMENT AND STORAGE, LLC	6	4	4	56%	8	4	56%
WITHEY, CONNIE	22	13	13	56%	26	13	56%
TOTAL	49,477	26,244	27,066		53,310	27,066	

APPENDIX H

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**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 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	19.5%	5	5	19.5%
AHN, CHUN SOO AND WHA JA	50	11	10	19.5%	21	10	19.5%
AKE, CHARLES J. AND MARJORIE M.	23	5	5	19.5%	10	5	19.5%
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	6	6	19.5%	12	6	19.5%
BARBER, JAMES B.	167	35	33	19.5%	68	33	19.5%
BARON, SUSAN AND PALMER, CURTIS	26	6	6	19.5%	12	6	19.5%
BARTELS, GWENDOLYN J. (FORMERLY: CROSS, FRANCIS AND BEVERLY)	40	9	8	19.5%	17	8	19.5%
BNSF RAILWAY COMPANY	80	0	16	19.5%	16	16	19.5%
BORJA, LEONIL T. AND TITAL L.	20	5	4	19.5%	9	4	19.5%
BREDELIS, RONALD C. AND JEAN	64	3	13	19.5%	16	13	19.5%
BUBIER, DIANE GAIL	54	0	11	19.5%	11	11	19.5%
BUDGET FINANCE COMPANY	32	7	7	19.5%	14	7	19.5%
BUSH, KEVIN	0	0	0	19.5%	0	0	19.5%
CALICO LAKES HOMEOWNERS ASSOCIATION	1,500	308	293	19.5%	601	293	19.5%
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	15	14	19.5%	29	14	19.5%
CALMAT COMPANY	0	0	0	19.5%	0	0	19.5%
CAMANGA, TONY AND MARIETTA	47	10	10	19.5%	20	10	19.5%
CAMPBELL, M. A. AND DIANNE	22	5	5	19.5%	10	5	19.5%
CARLTON, SUSAN	155	32	31	19.5%	63	31	19.5%
CDFW - CAMP CADY	921	189	180	19.5%	369	180	19.5%
CHEYENNE LAKE, INC.	869	139	170	19.5%	309	170	19.5%
CHISRAM, ET AL. (FORMERLY: IM, NICHOLAS NAK-KYUN)	247	32	49	19.5%	81	49	19.5%
CLARK, ARTHUR	50	11	10	19.5%	21	10	19.5%
CONNER, WILLIAM H.	25	6	5	19.5%	11	5	19.5%
CORBRIDGE, LINDA S.	32	7	7	19.5%	14	7	19.5%
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	1,048	0	205	19.5%	205	205	19.5%
DAGGETT COMMUNITY SERVICES DISTRICT	504	46	99	19.5%	145	99	19.5%

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 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	0	0	19.5%	0	0	19.5%
DAGGETT RANCH, LLC	76	4	15	19.5%	19	15	19.5%
DAGGETT SOLAR POWER 3 LLC	179	37	35	19.5%	72	35	19.5%
DE JONG FAMILY TRUST	3,131	397	611	19.5%	1,008	611	19.5%
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	6	6	19.5%	12	6	19.5%
DONALDSON, JERRY AND BEVERLY	90	19	18	19.5%	37	18	19.5%
DOWELL, LEONARD	23	5	5	19.5%	10	5	19.5%
EVERT FAMILY TRUST	173	30	34	19.5%	64	34	19.5%
FEJFAR, MONICA KAY	20	5	4	19.5%	9	4	19.5%
FENG, JINBAO (FORMERLY: HU, MINSHENG)	43	9	9	19.5%	18	9	19.5%
FERNANDEZ, ARTURO	76	16	15	19.5%	31	15	19.5%
FERRO, DENNIS AND NORMA	32	7	7	19.5%	14	7	19.5%
FIRST CPA LLC	57	12	12	19.5%	24	12	19.5%
FOOTHILL ESTATES MHP, LLC	54	5	11	19.5%	16	11	19.5%
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	73	83	19.5%	156	83	19.5%
GARCIA, DANIEL	23	5	5	19.5%	10	5	19.5%
GARG, OM P.	483	100	95	19.5%	195	95	19.5%
GENON CALIFORNIA SOUTH, LP	0	200	0	19.5%	200	0	19.5%
GRAY, GEORGE F. AND BETTY E.	94	20	19	19.5%	39	19	19.5%
GREEN HAY PACKERS LLC	0	0	0	19.5%	0	0	19.5%
HACKBARTH, EDWARD E.	1,553	249	303	19.5%	552	303	19.5%
HANG, PHU QUANG	20	5	4	19.5%	9	4	19.5%
HANSON AGGREGATES WRP, INC.	31	7	7	19.5%	14	7	19.5%
HARESON, NICHOLAS AND MARY	8	2	2	19.5%	4	2	19.5%
HARTER, JOE AND SUE	5,134	769	1,002	19.5%	1,771	1,002	19.5%
HASS, PAULINE L.	35	7	7	19.5%	14	7	19.5%
HENDLEY, RICK AND BARBARA	48	6	10	19.5%	16	10	19.5%

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
HIETT, HARRY L.	29	4	6	19.5%	10	6	19.5%
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	62	60	19.5%	122	60	19.5%
HO, TING-SENG AND AH-GIT	300	62	59	19.5%	121	59	19.5%
HOLLISTER, ROBERT H. AND RUTH M.	44	10	9	19.5%	19	9	19.5%
HONG, PAUL B. AND MAY	85	0	17	19.5%	17	17	19.5%
HOOD FAMILY TRUST	41	4	8	19.5%	12	8	19.5%
HORTON FAMILY TRUST	441	0	86	19.5%	86	86	19.5%
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	6	6	19.5%	12	6	19.5%
HUNT, RALPH M. AND LILLIAN F.	51	11	10	19.5%	21	10	19.5%
HYATT, JAMES AND BRENDA	210	34	41	19.5%	75	41	19.5%
IM, NICHOLAS NAK-KYUN	150	31	30	19.5%	61	30	19.5%
IRVIN, BERTRAND W.	29	5	6	19.5%	11	6	19.5%
JACKS, JAMES F.	10	3	2	19.5%	5	2	19.5%
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	12	11	19.5%	23	11	19.5%
JACKSON, RAY REVOCABLE TRUST NO. 45801	1	1	1	19.5%	2	1	19.5%
KARIMI, HOOSHANG	70	15	14	19.5%	29	14	19.5%
KASNER FAMILY LIMITED PARTNERSHIP	843	0	165	19.5%	165	165	19.5%
KASNER, ROBERT	5,613	1,151	1,095	19.5%	2,246	1,095	19.5%
KATCHER, AUGUST M. AND MARCELINE	23	5	5	19.5%	10	5	19.5%
KEMP, ROBERT AND ROSE	32	7	7	19.5%	14	7	19.5%
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	157	149	19.5%	306	149	19.5%
KIM, SEON JA	50	11	10	19.5%	21	10	19.5%
KOERING, RICHARD AND KOERING, DONNA	20	5	4	19.5%	9	4	19.5%
LAKE JODIE PROPERTY OWNERS ASSOCIATION	658	0	129	19.5%	129	129	19.5%
LAKE WAIKIKI	98	21	20	19.5%	41	20	19.5%
LAKE WAINANI OWNERS ASSOCIATION	1,925	320	376	19.5%	696	376	19.5%
LAM, PHILLIP	105	22	21	19.5%	43	21	19.5%
LAVANH, ET AL.	24	5	5	19.5%	10	5	19.5%

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
LAWRENCE, WILLIAM W.	45	10	9	19.5%	19	9	19.5%
LEE, VIN JANG T.	630	130	123	19.5%	253	123	19.5%
LEM, HOY	32	7	7	19.5%	14	7	19.5%
LIANG, YUAN - I AND TZU - MEI CHEN	200	41	39	19.5%	80	39	19.5%
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	453	93	89	19.5%	182	89	19.5%
LIN, KUAN JUNG AND CHUNG, DER-BING	451	0	88	19.5%	88	88	19.5%
LO, ET AL.	59	12	12	19.5%	24	12	19.5%
M BIRD CONSTRUCTION	41	9	8	19.5%	17	8	19.5%
MAHJOUBI, AFSAR S.	63	13	13	19.5%	26	13	19.5%
MANNING, SHARON S.	63	13	13	19.5%	26	13	19.5%
MARCROFT, JAMES A. AND JOAN	38	8	8	19.5%	16	8	19.5%
MARSHALL, CHARLES	20	5	4	19.5%	9	4	19.5%
MARTIN, MICHAEL D. AND ARLENE D.	63	13	13	19.5%	26	13	19.5%
MILBRAT, IRVING H.	73	2	15	19.5%	17	15	19.5%
MILLER LIVING TRUST	18	4	4	19.5%	8	4	19.5%
MIZRAHIE, ET AL.	145	30	29	19.5%	59	29	19.5%
MOJAVE WATER AGENCY	7,194	1,275	1,403	19.5%	2,678	1,403	19.5%
MORRIS TRUST, JULIA V.	304	62	60	19.5%	122	60	19.5%
MULLIGAN, ROBERT AND INEZ	35	8	7	19.5%	15	7	19.5%
MURPHY, JEAN	24	1	5	19.5%	6	5	19.5%
MUSIC, ZAJO	15	3	3	19.5%	6	3	19.5%
NEW SPRINGS LIMITED PARTNERSHIP	2,329	478	455	19.5%	933	455	19.5%
NEWBERRY COMMUNITY SERVICES DISTRICT	23	5	5	19.5%	10	5	19.5%
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	6	1	2	19.5%	3	2	19.5%
NSSLIC, INC.	109	23	22	19.5%	45	22	19.5%
O. F. D. L., INC.	647	133	127	19.5%	260	127	19.5%
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	137	131	19.5%	268	131	19.5%
PATINO, JOSÉ	22	5	5	19.5%	10	5	19.5%

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
PEARCE, CRAIG L.	150	30	30	19.5%	60	30	19.5%
PERKO, BERT K.	132	28	26	19.5%	54	26	19.5%
POLAND, JOHN R. AND KATHLEEN A.	92	19	18	19.5%	37	18	19.5%
PORTER, TIMOTHY M.	30	7	6	19.5%	13	6	19.5%
PRECISION INVESTMENTS SERVICES, LLC	845	93	165	19.5%	258	165	19.5%
PRICE, DONALD AND RUTH	42	9	9	19.5%	18	9	19.5%
PRUETT, ANDREA	36	8	8	19.5%	16	8	19.5%
QUAKENBUSH, SAMUEL R.	19	4	4	19.5%	8	4	19.5%
QUIROS, FRANSISCO J. AND HERRMANN, RONALD	38	8	8	19.5%	16	8	19.5%
RICE, HENRY C. AND DIANA	24	5	5	19.5%	10	5	19.5%
RIZVI, S.R ALI	27	6	6	19.5%	12	6	19.5%
ROBERTSON'S READY MIX	0	0	0	19.5%	0	0	19.5%
ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI	614	126	120	19.5%	246	120	19.5%
S AND B BROTHERS, LLC	221	46	44	19.5%	90	44	19.5%
SAGABEAN-BARKER, KANOELOKELANI L.	34	0	7	19.5%	7	7	19.5%
SAMRA, JAGTAR S.	30	7	6	19.5%	13	6	19.5%
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	168	35	33	19.5%	68	33	19.5%
SHENG, JEN	33	7	7	19.5%	14	7	19.5%
SHEPPARD, THOMAS AND GLORIA	217	45	43	19.5%	88	43	19.5%
SHORT, JEROME E.	30	7	6	19.5%	13	6	19.5%
SINGH, ET AL.	31	7	7	19.5%	14	7	19.5%
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	0	0	0	19.5%	0	0	19.5%
SMITH, PORTER AND ANITA	25	6	5	19.5%	11	5	19.5%
SOUTHERN CALIFORNIA EDISON COMPANY	600	123	117	19.5%	240	117	19.5%
SOUTHERN CALIFORNIA GAS COMPANY	98	6	20	19.5%	26	20	19.5%
SPERRY, WESLEY	4	1	1	19.5%	2	1	19.5%
ST. ANTONY COPTIC ORTHODOX MONASTERY	130	13	26	19.5%	39	26	19.5%
STARKE, GEORGE A. AND JAYNE E.	23	5	5	19.5%	10	5	19.5%

APPENDIX H

APRIL 23, 2025

**FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2024-25
AND
PROPOSED FREE PRODUCTION ALLOWANCE FOR WATER YEAR 2025-26
(ALL AMOUNTS IN ACRE-FEET)**

BAJA SUBAREA

PRODUCER	BASE ANNUAL PRODUCTION	2024-25 FREE PRODUCTION ALLOWANCE ¹				2025-26 FREE PRODUCTION ALLOWANCE ²	
		CARRYOVER FROM PREVIOUS YEAR	FREE PRODUCTION ALLOWANCE		TOTAL	ACRE-FEET	PERCENTAGE OF BAP
			ACRE-FEET	PERCENTAGE OF BAP			
SUNDOWN LAKES, INC.	727	0	142	19.5%	142	142	19.5%
SUNRAY LAND COMPANY, LLC	63	13	13	19.5%	26	13	19.5%
SZYNKOWSKI, RUTH J.	29	6	6	19.5%	12	6	19.5%
TAPIE, RAYMOND L.	18	4	4	19.5%	8	4	19.5%
TEISAN, JERRY	96	20	19	19.5%	39	19	19.5%
THAYER, SHARON	97	0	19	19.5%	19	19	19.5%
THOMAS, STEPHEN AND LORI	49	11	10	19.5%	21	10	19.5%
TRIPLE H PARTNERSHIP	218	0	43	19.5%	43	43	19.5%
TURNER, TERRY	30	7	6	19.5%	13	6	19.5%
UNION PACIFIC RAILROAD COMPANY	249	30	49	19.5%	79	49	19.5%
UPPAL, GAGAN	190	39	38	19.5%	77	38	19.5%
VAAGE, GAGE V.	54	12	11	19.5%	23	11	19.5%
VACA, ANDY AND TERESITA S.	20	4	4	19.5%	8	4	19.5%
VAN BASTELAAR, ALPHONSE	78	0	16	19.5%	16	16	19.5%
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	8,128	1,462	1,585	19.5%	3,047	1,585	19.5%
VAN LEEUWEN TRUST, JOHN A. AND IETIE	2,018	414	394	19.5%	808	394	19.5%
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,613	331	315	19.5%	646	315	19.5%
WANG, STEVEN	10	3	2	19.5%	5	2	19.5%
WARD, RAYMOND	105	4	21	19.5%	25	21	19.5%
WEEMS, LIZZIE	53	11	11	19.5%	22	11	19.5%
WEERAISINGHE, MAITHRI N.	15	4	3	19.5%	7	3	19.5%
WESTERN HORIZON ASSOCIATES, INC.	1,163	0	227	19.5%	227	227	19.5%
WET SET, INC.	751	128	147	19.5%	275	147	19.5%
WITTE, E. DANIEL AND MARCIA	27	6	6	19.5%	12	6	19.5%
WLSR, INC.	675	83	132	19.5%	215	132	19.5%
WORSEY, JOSEPH A. AND REVAE	29	6	6	19.5%	12	6	19.5%
YANG, ZILAN	26	6	6	19.5%	12	6	19.5%
TOTAL	63,929	10,622	12,539		23,161	12,539	

NOTES FOR APPENDIX H

- 1 FREE PRODUCTION ALLOWANCE IS EQUAL TO 50% OF BASE ANNUAL PRODUCTION FOR THE ESTE SUBAREA, 45% OF BASE ANNUAL PRODUCTION FOR THE OESTE SUBAREA, 19.5% OF BASE ANNUAL PRODUCTION FOR THE BAJA SUBAREA, 50.4% OF BASE ANNUAL PRODUCTION FOR THE ALTO SUBAREA AND 56% OF BASE ANNUAL PRODUCTION FOR 2024-25 BASED ON THE COURT ORDER DATED JULY 3, 2024.
- 2 FREE PRODUCTION ALLOWANCE FOR 2025-26 (SUBJECT TO COURT APPROVAL).

ESTE SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 45% OF BASE ANNUAL PRODUCTION FOR THE 2025-26 WATER YEAR.

OESTE SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 45% OF BASE ANNUAL PRODUCTION FOR THE 2025-26 WATER YEAR.

ALTO SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 50.4% OF BASE ANNUAL PRODUCTION FOR THE 2025-26 WATER YEAR.

CENTRO SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 56% OF BASE ANNUAL PRODUCTION FOR THE 2025-26 WATER YEAR.

BAJA SUBAREA: FREE PRODUCTION ALLOWANCE IS EQUAL 19.5% OF BASE ANNUAL PRODUCTION FOR THE 2025-26 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 2022-23

RECONCILED FOR CARRYOVER TRANSFERS IN LIEU OF

PAYMENT OF REPLACEMENT AND MAKEUP WATER ASSESSMENTS

AND ALL OTHER ERRATA

APPENDIX I

APRIL 23, 2025

**AMENDED APPENDIX B FOR WATER YEAR 2022-23
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	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2021-22	2022-23							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
ABDUL, HARRY AND ANITA	194	117	127	0	0	244	0	117	0	0	0.00	0.00	0.00	0.00	
ABSHIRE, DAVID V.	24	15	0	0	0	15	21	0	6	15	0.00	3,390.00	0.00	3,390.00	
AHN REVOCABLE LIVING TRUST	0	0	0	0	44	44	44	0	0	0	0.00	0.00	0.00	0.00	
AHN REVOCABLE TRUST	28	17	19	0	0	36	4	17	0	4	0.00	0.00	0.00	0.00	
AHN, CHUN SOO AND DAVID	400	240	260	(122)	(100)	278	0	140	0	0	0.00	0.00	0.00	0.00	
AMERICA UNITED DEVELOPMENT, LLC	500	300	325	0	0	625	1	300	0	1	0.00	0.00	0.00	0.00	
ANDERSON, ROSS C. AND BETTY J.	34	21	23	0	0	44	0	21	0	0	0.00	0.00	0.00	0.00	
AVILA, ANGEL AND EVALIA	573	344	373	0	0	717	174	344	0	174	0.00	0.00	0.00	0.00	
BAR H MUTUAL WATER COMPANY	53	32	35	0	0	67	22	32	0	22	0.00	0.00	0.00	0.00	
BELL, CHARLES H. TRUST DATED MARCH 7, 2014	494	297	322	(50)	0	569	271	297	0	271	0.00	0.00	0.00	0.00	
CASA COLINA FOUNDATION	90	54	59	0	0	113	48	54	0	48	0.00	0.00	0.00	0.00	
CENTER WATER COMPANY	40	24	26	0	0	50	22	24	0	22	0.00	0.00	0.00	0.00	
CHUNG, ET AL.	0	0	0	0	18	18	18	0	0	0	0.00	0.00	0.00	0.00	
CLUB VIEW PARTNERS	1,276	766	830	(36)	(35)	1,525	0	731	0	0	0.00	0.00	0.00	0.00	
CROSS, SHARON I.	23	14	15	0	0	29	1	14	0	1	0.00	0.00	0.00	0.00	
CROWN CAMBRIA, LLC	90	54	59	0	0	113	0	54	0	0	0.00	0.00	0.00	0.00	
DACOSTA, DEAN EDWARD	56	34	37	0	0	71	1	34	0	1	0.00	0.00	0.00	0.00	
DAHLQUIST, GEORGE R.	324	195	341	(341)	0	195	0	195	0	0	0.00	0.00	0.00	0.00	
DESERT DAWN MUTUAL WATER COMPANY	15	9	0	0	10	19	19	0	0	9	0.00	0.00	0.00	0.00	
DESERT GIRLZ LLC	299	180	195	0	0	375	158	180	0	158	0.00	0.00	0.00	0.00	
DESERT SPRINGS MUTUAL WATER COMPANY	78	47	51	0	0	98	38	47	0	38	0.00	0.00	0.00	0.00	
DOUGLAS, TINA	50	30	33	0	0	63	1	30	0	1	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	2,201	1,321	1,431	0	0	2,752	0	1,321	0	0	0.00	0.00	0.00	0.00	
GAETA, MIGUEL AND MARIA	1,500	900	927	(50)	0	1,777	1	900	0	1	0.00	0.00	0.00	0.00	
GAETA, TRINIDAD	512	308	333	0	0	641	14	308	0	14	0.00	0.00	0.00	0.00	
GARDENA MISSION CHURCH, INC.	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
GAYJIKIAN, SAMUEL AND HAZEL	102	62	67	0	0	129	1	62	0	1	0.00	0.00	0.00	0.00	
GOLDEN STATE WATER COMPANY	178	107	96	0	0	203	121	82	0	121	0.00	0.00	0.00	0.00	
GORDON ACRES WATER COMPANY	54	33	36	0	0	69	37	32	0	37	0.00	0.00	0.00	0.00	
GUBLER, HANS	30	18	20	0	0	38	12	18	0	12	0.00	0.00	0.00	0.00	
HARVEY, LISA M.	300	180	195	0	0	375	4	180	0	4	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	442	266	288	0	0	554	147	266	0	147	0.00	0.00	0.00	0.00	
HITCHIN LUCERNE, INC.	16	10	11	0	0	21	11	10	0	11	0.00	0.00	0.00	0.00	
JONES TRUST DATED MARCH 16, 2002	66	40	43	0	0	83	0	40	0	0	0.00	0.00	0.00	0.00	
JUBILEE MUTUAL WATER COMPANY	142	86	0	0	14	100	100	0	0	86	0.00	0.00	0.00	0.00	
JUNIPER RIVIERA COUNTY WATER DISTRICT	37	23	2	100	0	125	69	23	0	69	0.00	0.00	0.00	0.00	
KIM, JU SANG	30	18	20	0	0	38	1	18	0	1	0.00	0.00	0.00	0.00	
LEE, ANNA K. AND ESHBAN K.	33	20	22	0	0	42	0	20	0	0	0.00	0.00	0.00	0.00	
LEE, DOO HWAN	78	47	51	0	0	98	0	47	0	0	0.00	0.00	0.00	0.00	

APPENDIX I

APRIL 23, 2025

AMENDED APPENDIX B FOR WATER YEAR 2022-23
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	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION							ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL		
				2021-22 CARRYOVER ³	2022-23 FPA ⁴							WATER	WATER			
												\$565.00/AF	N/A			
LOPEZ, BALTAZAR	385	231	251	0	0	482	0	231	0	0	0.00	0.00	0.00	0.00		
LUA, MICHAEL T. AND DONNA S.	348	209	227	0	0	436	0	209	0	0	0.00	0.00	0.00	0.00		
LUCERNE VALLEY MUTUAL WATER COMPANY	54	33	36	0	0	69	30	33	0	30	0.00	0.00	0.00	0.00		
LUCERNE VALLEY PARTNERS	1,213	728	789	0	0	1,517	0	728	0	0	0.00	0.00	0.00	0.00		
LUCERNE VALLEY UNIFIED SCHOOL DISTRICT	200	120	0	341	0	461	81	120	0	81	0.00	0.00	0.00	0.00		
LUCERNE VISTA MUTUAL WATER COMPANY	21	13	9	0	0	22	19	3	0	19	0.00	0.00	0.00	0.00		
M.B. LANDSCAPING AND NURSERY, INC.	1,773	1,064	939	0	0	2,003	1,266	737	0	1,266	0.00	0.00	0.00	0.00		
MITSUBISHI CEMENT CORPORATION	1,395	837	907	(190)	(170)	1,384	283	667	0	283	0.00	0.00	0.00	0.00		
MONACO INVESTMENT COMPANY	70	42	46	0	0	88	0	42	0	0	0.00	0.00	0.00	0.00		
MOSS, LAWRENCE W. AND HELEN J.	43	26	28	0	0	54	30	24	0	30	0.00	0.00	0.00	0.00		
NORRIS TRUST, MARY ANN	73	44	48	0	0	92	1	44	0	1	0.00	0.00	0.00	0.00		
OASIS WORLD MISSION	0	0	0	0	56	56	56	0	0	0	0.00	0.00	0.00	0.00		
OMYA CALIFORNIA, INC.	23	14	0	0	17	31	31	0	0	14	0.00	0.00	0.00	0.00		
PAK, KAE SOO AND MYONG HUI KANG	247	149	161	(38)	(18)	254	27	131	0	27	0.00	0.00	0.00	0.00		
PETTIGREW, DAN	22	14	15	0	0	29	0	14	0	0	0.00	0.00	0.00	0.00		
REED, MIKE	58	35	38	0	0	73	1	35	0	1	0.00	0.00	0.00	0.00		
RHEE, ANDREW N.	70	42	46	0	0	88	19	42	0	19	0.00	0.00	0.00	0.00		
ROBERTSON'S READY MIX	0	0	0	0	112	112	112	0	0	0	0.00	0.00	0.00	0.00		
ROYAL WAY	200	120	130	0	0	250	54	120	0	54	0.00	0.00	0.00	0.00		
S AND E 786 ENTERPRISES, LLC	597	359	389	0	0	748	0	359	0	0	0.00	0.00	0.00	0.00		
SABA FAMILY TRUST DATED JULY 24, 2018	1,120	672	728	0	0	1,400	0	672	0	0	0.00	0.00	0.00	0.00		
SAN BERNARDINO COUNTY SERVICE AREA 29	40	24	0	0	35	59	59	0	0	24	0.00	0.00	0.00	0.00		
SON'S RANCH	140	84	91	0	0	175	38	84	0	38	0.00	0.00	0.00	0.00		
SPECIALTY MINERALS, INC.	52	32	0	0	27	59	59	0	0	32	0.00	0.00	0.00	0.00		
SPILLMAN, JAMES R. AND NANCY J.	23	14	15	0	0	29	5	14	0	5	0.00	0.00	0.00	0.00		
WEST END MUTUAL WATER COMPANY	30	18	20	(9)	(10)	19	15	4	0	15	0.00	0.00	0.00	0.00		
WILSHIRE ROAD PARTNERS	692	416	450	0	0	866	0	416	0	0	0.00	0.00	0.00	0.00		
TOTAL	19,251	11,569	12,035	(395)	0	23,209	3,547	10,687	6	3,208	0.00	3,390.00	0.00	3,390.00		

**AMENDED APPENDIX B FOR WATER YEAR 2022-23
RECONCILED FOR CARRYOVER TRANSFERS IN LIEU OF PAYMENT OF REPLACEMENT AND MAKEUP WATER ASSESSMENTS
AND ALL OTHER ERRATA**

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

OESTE SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER N/A	TOTAL
				2021-22	2022-23									
				CARRYOVER ³	FPA ⁴									
AEROCHEM, INC.	660	363	396	0	0	759	2	363	0	2	0.00	0.00	0.00	0.00
CHAMISAL MUTUAL WATER COMPANY	96	53	58	0	0	111	23	53	0	23	0.00	0.00	0.00	0.00
HANDRINOS, NICOLE A.	7	4	5	0	0	9	0	4	0	0	0.00	0.00	0.00	0.00
HETTINGA REVOCABLE TRUST	1,302	717	782	0	0	1,499	65	717	0	65	0.00	0.00	0.00	0.00
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT (SEE NOTE 10)	4,680	2,574	2,808	0	0	5,382	2,515	2,574	0	2,515	0.00	0.00	0.00	0.00
TROEGER FAMILY TRUST, RICHARD H.	112	62	68	0	0	130	2	62	0	2	0.00	0.00	0.00	0.00
TOTAL	6,857	3,773	4,117	0	0	7,890	2,607	3,773	0	2,607	0.00	0.00	0.00	0.00

**AMENDED APPENDIX B FOR WATER YEAR 2022-23
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ALTO SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER \$565.00/AF	TOTAL	
				2021-22	2022-23										
				CARRYOVER ³	FPA ⁴										
ADELANTO, CITY OF	5,182	2,820	0	0	1,640	4,460	4,460	0	0	2,820	0.00	0.00	0.00	0.00	
ADES, JOHN AND DEVON	37	21	18	(18)	(19)	2	2	0	0	2	0.00	0.00	0.00	0.00	
AGCON, INC.	384	209	0	0	25	234	234	0	0	209	0.00	0.00	0.00	0.00	
AMERICAN STATES WATER COMPANY	1,000	545	550	(550)	(545)	0	0	0	0	0	0.00	0.00	0.00	0.00	
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	167	91	26	0	0	117	78	39	0	78	0.00	0.00	0.00	0.00	
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	125	69	0	0	34	103	103	0	0	69	0.00	0.00	0.00	0.00	
APPLE VALLEY UNIFIED SCHOOL DISTRICT	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
APPLE VALLEY VIEW MUTUAL WATER COMPANY	36	20	0	0	2	22	22	0	0	20	0.00	0.00	0.00	0.00	
APPLE VALLEY, TOWN OF	1,082	589	220	0	(542)	267	267	0	0	267	0.00	0.00	0.00	0.00	
BASS TRUST, NEWTON T.	514	280	279	(279)	(278)	2	2	0	0	2	0.00	0.00	0.00	0.00	
BASTIANON REVOCABLE TRUST	77	42	42	(42)	(41)	1	1	0	0	1	0.00	0.00	0.00	0.00	
BEINSCHROTH FAMILY TRUST	275	150	151	(151)	(141)	9	9	0	0	9	0.00	0.00	0.00	0.00	
BEINSCHROTH, ANDY ERIC	250	137	137	(137)	(136)	1	1	0	0	1	0.00	0.00	0.00	0.00	
BOX, GEARY S. AND LAURA	22	12	6	(6)	(10)	2	2	0	0	2	0.00	0.00	0.00	0.00	
BROWN FAMILY TRUST DATED AUGUST 11, 1999	42	23	23	(23)	(22)	1	1	0	0	1	0.00	0.00	0.00	0.00	
BROWN, JENNIFER	41	23	20	(20)	(21)	2	2	0	0	2	0.00	0.00	0.00	0.00	
BRUNEAU, KAREN	10	6	4	(4)	(4)	2	2	0	0	2	0.00	0.00	0.00	0.00	
BRYANT, IAN	29	16	16	(16)	(16)	0	0	0	0	0	0.00	0.00	0.00	0.00	
BUNNELL, DICK	24	14	12	(12)	(12)	2	2	0	0	2	0.00	0.00	0.00	0.00	
CALMAT COMPANY	25	14	10	(10)	0	14	4	10	0	4	0.00	0.00	0.00	0.00	
CALPORTLAND COMPANY - AGRICULTURE	643	350	354	(354)	0	350	0	350	0	0	0.00	0.00	0.00	0.00	
CALPORTLAND COMPANY - ORO GRANDE PLANT	2,809	1,529	445	(445)	0	1,529	928	601	0	928	0.00	0.00	0.00	0.00	
CDFW - MOJAVE NARROWS REGIONAL PARK	2,107	1,147	0	0	0	1,147	1,980	0	833	1,147	0.00	470,645.00	0.00	470,645.00	
CDFW - MOJAVE RIVER FISH HATCHERY (SEE NOTE 11)	20	11	0	0	0	11	20	0	0	0	0.00	0.00	0.00	0.00	
CEMEX, INC.	1,499	816	0	0	0	816	1,043	0	227	816	0.00	128,255.00	0.00	128,255.00	
DLW REVOCABLE TRUST	70	39	39	(39)	(39)	0	0	0	0	0	0.00	0.00	0.00	0.00	
DOLCH LIVING TRUST ROBERT AND JUDITH	90	49	50	(50)	(49)	0	0	0	0	0	0.00	0.00	0.00	0.00	
DORA LAND, INC.	15	9	9	(9)	(9)	0	0	0	0	0	0.00	0.00	0.00	0.00	
EAST DESERT LAND COMPANY, LLC (SEE NOTE 12)	0						1,100								
EVENSON, EDWIN H. AND JOYCELAINE C.	70	39	39	0	0	78	1	39	0	1	0.00	0.00	0.00	0.00	
FEDERAL BUREAU OF PRISONS, VICTORVILLE	686	374	0	0	(374)	0	0	0	0	0	0.00	0.00	0.00	0.00	
FINCH, JENIFER	30	17	17	(17)	(17)	0	0	0	0	0	0.00	0.00	0.00	0.00	
FISCHER REVOCABLE LIVING TRUST	36	20	19	(19)	(19)	1	1	0	0	1	0.00	0.00	0.00	0.00	
FISHER TRUST, JEROME R.	633	345	349	(349)	(345)	0	0	0	0	0	0.00	0.00	0.00	0.00	
FITZWATER, R. E. (SEE NOTE 12)	291						1								
FRAZIER, ET AL.	0	0	28	(28)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	

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ALTO SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2021-22 CARRYOVER ³	2022-23 FPA ⁴							WATER	WATER		
												\$565.00/AF	\$565.00/AF		
GOLDEN STATE WATER COMPANY	940	512	0	0	395	907	0	0	512	0.00	0.00	0.00	0.00		
GREEN ACRES ESTATES	25	14	14	0	0	28	4	14	0	4	0.00	0.00	0.00	0.00	
GULBRANSON, MERLIN	5	3	3	0	0	6	0	3	0	0	0.00	0.00	0.00	0.00	
HAAS, BRYAN C. AND HINKLE, MARY H.	9	5	5	(5)	(5)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HALANNA EQUITIES III	19	11	7	(7)	(7)	4	4	0	0	4	0.00	0.00	0.00	0.00	
HAMILTON FAMILY TRUST	108	59	52	(52)	(40)	19	19	0	0	19	0.00	0.00	0.00	0.00	
HELENDALE COMMUNITY SERVICES DISTRICT	4,157	2,262	744	(744)	(802)	1,460	1,460	0	0	1,460	0.00	0.00	0.00	0.00	
HELENDALE SCHOOL DISTRICT	18	10	10	0	0	20	2	10	0	2	0.00	0.00	0.00	0.00	
HESPERIA - GOLF COURSE, CITY OF	678	369	0	0	(81)	288	288	0	0	288	0.00	0.00	0.00	0.00	
HESPERIA VENTURE I, LLC	0	0	0	0	0	0	1	0	1	0	0.00	565.00	0.00	565.00	
HESPERIA WATER DISTRICT	14,531	7,905	0	978	4,023	12,906	12,906	0	0	8,883	0.00	0.00	0.00	0.00	
HESPERIA, CITY OF	6,736	3,665	3,705	(3,705)	(3,545)	120	0	120	0	0	0.00	0.00	0.00	0.00	
HI-GRADE MATERIALS COMPANY	149	82	55	(55)	(25)	57	26	31	0	26	0.00	0.00	0.00	0.00	
HOLWAY JEFFREY R AND PATRICIA GAGE	8	5	5	(5)	0	5	0	5	0	0	0.00	0.00	0.00	0.00	
HOLWAY, JEFFREY R	11	6	7	(7)	0	6	0	6	0	0	0.00	0.00	0.00	0.00	
HOLY HEAVENLY LAKE, LLC	6	4	4	(4)	(4)	0	0	0	0	0	0.00	0.00	0.00	0.00	
HUNT, CONNIE	66	36	37	(37)	0	36	0	36	0	0	0.00	0.00	0.00	0.00	
JAMBOREE HOUSING CORPORATION	0	0	0	0	36	36	36	0	0	0	0.00	0.00	0.00	0.00	
JESS RANCH WATER COMPANY	7,230	3,934	3,048	(3,048)	(3,176)	758	758	0	0	758	0.00	0.00	0.00	0.00	
JOHNSON, CARLEAN	23	13	0	0	0	13	12	1	0	12	0.00	0.00	0.00	0.00	
JOHNSON, PAUL - INDUSTRIAL	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
JOHNSON, RONALD	31	17	18	(18)	0	17	0	17	0	0	0.00	0.00	0.00	0.00	
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	127	70	63	(63)	(28)	42	5	37	0	5	0.00	0.00	0.00	0.00	
KANESAKA, KENJI AND YUKARI	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
KEMPER CAMPBELL RANCH	473	258	235	(235)	(206)	52	52	0	0	52	0.00	0.00	0.00	0.00	
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	658	358	362	(362)	(358)	0	0	0	0	0	0.00	0.00	0.00	0.00	
LANGLEY, JAMES	5	3	3	(3)	0	3	0	3	0	0	0.00	0.00	0.00	0.00	
LANGLEY, JAMES - INDUSTRIAL	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
LAWSON, ERNEST AND BARBARA	15	9	8	(8)	(8)	1	1	0	0	1	0.00	0.00	0.00	0.00	
LENHERT, RONALD AND TONI	37	21	21	0	0	42	8	21	0	8	0.00	0.00	0.00	0.00	
LHC ALLIGATOR, LLC	498	271	0	0	(271)	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	7,404	0	0	0	7,404	8,552	0	1,148	7,404	0.00	648,620.00	0.00	648,620.00	
LOW, DEAN	199	109	110	(110)	(109)	0	0	0	0	0	0.00	0.00	0.00	0.00	
LUCKEY 2010 REVOCABLE TRUST	0	0	164	(164)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
MARIANA RANCHOS COUNTY WATER DISTRICT	280	153	0	0	33	186	186	0	0	153	0.00	0.00	0.00	0.00	
MCKINNEY, PAULA	33	18	19	(19)	0	18	0	18	0	0	0.00	0.00	0.00	0.00	
MLH, LLC	13	8	4	0	0	12	6	6	0	6	0.00	0.00	0.00	0.00	
MOJAVE DESERT LAND TRUST	40	22	22	0	0	44	1	22	0	1	0.00	0.00	0.00	0.00	

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2021-22 CARRYOVER ³	2022-23 FPA ⁴							WATER \$565.00/AF	WATER \$565.00/AF		
MOJAVE WATER AGENCY (SEE NOTE 14)	0	0	0	0	0	0	32	0	32	0	0.00	18,080.00	0.00	18,080.00	
NAVAJO MUTUAL WATER COMPANY	88	48	49	(45)	0	52	23	29	0	23	0.00	0.00	0.00	0.00	
NUÑEZ, LUIS SEGUNDO	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
NUNN FAMILY TRUST	36	20	19	(19)	(19)	1	1	0	0	1	0.00	0.00	0.00	0.00	
ORO GRANDE SCHOOL DISTRICT	107	59	0	0	0	59	75	0	16	59	0.00	9,040.00	0.00	9,040.00	
PAUSTELL, JOAN BEINSCHROTH	142	78	84	(84)	(78)	0	0	0	0	0	0.00	0.00	0.00	0.00	
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	355	194	196	0	0	390	110	194	0	110	0.00	0.00	0.00	0.00	
POLICH, DONNA	65	36	36	(36)	0	36	0	36	0	0	0.00	0.00	0.00	0.00	
RANCHERITOS MUTUAL WATER COMPANY	169	92	5	0	0	97	85	12	0	85	0.00	0.00	0.00	0.00	
RIM PROPERTIES, A GENERAL PARTNERSHIP	9	5	5	(5)	(5)	0	0	0	0	0	0.00	0.00	0.00	0.00	
ROBERTSON'S READY MIX (FORMERLY: SERVICE ROCK PRODUCTS CORPORATION)	20	11	0	11	0	22	5	11	0	5	0.00	0.00	0.00	0.00	
RUE RANCH, INC.	30	17	16	(16)	(16)	1	1	0	0	1	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENT	0	0	0	0	0	0	170	0	170	0	0.00	96,050.00	0.00	96,050.00	
SAN BERNARDINO COUNTY SERVICE AREA 42	465	253	192	(192)	(204)	49	49	0	0	49	0.00	0.00	0.00	0.00	
SAN BERNARDINO COUNTY SERVICE AREA 64	3,822	2,080	0	0	177	2,257	2,511	0	254	2,080	0.00	143,510.00	0.00	143,510.00	
SAN BERNARDINO COUNTY SERVICE AREA 70J	1,015	553	0	0	177	730	1,562	0	832	553	0.00	470,080.00	0.00	470,080.00	
SCRAY, MICHELLE A. TRUST	15	9	8	(8)	0	9	1	8	0	1	0.00	0.00	0.00	0.00	
SERVICE ROCK PRODUCTS CORPORATION	0	0	11	(11)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SHEEP CREEK WATER COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SILVER LAKES ASSOCIATION	4,987	2,713	0	0	187	2,900	2,900	0	0	2,713	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	2,050	0	0	22	2,072	2,072	0	0	2,050	0.00	0.00	0.00	0.00	
SPRING VALLEY LAKE COUNTRY CLUB	977	532	0	0	0	532	481	51	0	481	0.00	0.00	0.00	0.00	
STORM, RANDALL	62	34	35	(35)	(34)	0	0	0	0	0	0.00	0.00	0.00	0.00	
SUDMEIER, GLENN W.	20	11	10	(10)	(10)	1	1	0	0	1	0.00	0.00	0.00	0.00	
SUMMIT VALLEY RANCH, LLC	57	32	13	(13)	(13)	19	19	0	0	19	0.00	0.00	0.00	0.00	
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	418	228	228	(228)	(226)	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	(2)	2	1	0	0	1	0.00	0.00	0.00	0.00	
THRASHER, GARY	373	203	205	(205)	(202)	1	1	0	0	1	0.00	0.00	0.00	0.00	
THUNDERBIRD COUNTY WATER DISTRICT	126	69	0	0	29	98	98	0	0	69	0.00	0.00	0.00	0.00	
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA	26	15	15	0	0	30	0	15	0	0	0.00	0.00	0.00	0.00	
VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	240	131	0	0	226	357	357	0	0	131	0.00	0.00	0.00	0.00	
VICTOR VALLEY MEMORIAL PARK	0	0	0	0	0	0	51	0	51	0	0.00	28,815.00	0.00	28,815.00	
VICTORVILLE WATER DISTRICT, ID#1 (SEE NOTE 13)	23,380	12,719	0	0	3,682	16,401	18,499	0	2,098	13,093	0.00	1,185,370.00	0.00	1,185,370.00	
VICTORVILLE WATER DISTRICT, ID#2 (SEE NOTE 13)	2,932	1,596	0	0	2,169	3,765	4,109	0	344	1,596	0.00	194,360.00	0.00	194,360.00	

APPENDIX I

APRIL 23, 2025

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PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER \$565.00/AF	MAKEUP WATER \$565.00/AF	TOTAL
				2021-22 CARRYOVER ³	2022-23 FPA ⁴									
VOGLER, ALBERT H.	62	34	35	(35)	(34)	0	0	0	0	0	0.00	0.00	0.00	0.00
WAGNER LIVING TRUST	1,224	666	674	(674)	(666)	0	0	0	0	0	0.00	0.00	0.00	0.00
WAKULA FAMILY TRUST	11	6	6	(6)	(5)	1	1	0	0	1	0.00	0.00	0.00	0.00
WARD, BARBARA	65	36	25	(25)	(24)	12	12	0	0	12	0.00	0.00	0.00	0.00
WEST, HOWARD AND SUZY	72	40	40	(40)	0	40	0	40	0	0	0.00	0.00	0.00	0.00
WEST, JIMMIE E.	10	6	5	(5)	(5)	1	1	0	0	1	0.00	0.00	0.00	0.00
WESTERN WATER COMPANY	15	9	9	0	0	18	0	9	0	0	0.00	0.00	0.00	0.00
WESTLAND INDUSTRIES, INC.	54	30	30	0	0	60	21	30	0	21	0.00	0.00	0.00	0.00
WIENER, MELVIN AND MARIAM S.	30	17	17	0	0	34	0	17	0	0	0.00	0.00	0.00	0.00
TOTAL	114,308	62,002	13,558	(11,932)	10	63,638	68,751	1,841	6,006	50,242	0.00	3,393,390.00	0.00	3,393,390.00

**AMENDED APPENDIX B FOR WATER YEAR 2022-23
RECONCILED FOR CARRYOVER TRANSFERS IN LIEU OF PAYMENT OF REPLACEMENT AND MAKEUP WATER ASSESSMENTS
AND ALL OTHER ERRATA**

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

CENTRO SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2021-22 CARRYOVER ³	2022-23 FPA ⁴							WATER	WATER	
												\$565.00/AF	N/A	
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	29	18	19	(16)	0	21	0	18	0	0	0.00	0.00	0.00	0.00
BAR-LEN MUTUAL WATER COMPANY	48	29	32	0	0	61	18	29	0	18	0.00	0.00	0.00	0.00
BARSTOW COMMUNITY DEVELOPERS, LLC	0	0	0	0	1	1	1	0	0	0	0.00	0.00	0.00	0.00
BEST, BYRON L.	21	13	14	0	0	27	0	13	0	0	0.00	0.00	0.00	0.00
BNSF RAILWAY COMPANY (FORMERLY: ATCHISON TOPEKA AND SANTA FE RAIL WAY COMPANY)	1,585	951	0	953	(53)	1,851	1	898	0	1	0.00	0.00	0.00	0.00
BROMMER HOUSE TRUST	361	217	170	(170)	(38)	179	0	179	0	0	0.00	0.00	0.00	0.00
CALMAT COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
CHAFAR, LARRY R. AND DELINDA C.	0	0	30	(30)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
CHOI, YONG IL AND JOUNG AE	38	23	25	0	0	48	0	23	0	0	0.00	0.00	0.00	0.00
CHONG, JOAN	10	6	7	0	12	25	25	0	0	13	0.00	0.00	0.00	0.00
CHRISTISON, JOEL	75	45	49	0	0	94	0	45	0	0	0.00	0.00	0.00	0.00
CONTRATTO, ERSULA	151	91	98	(98)	0	91	0	91	0	0	0.00	0.00	0.00	0.00
DARR, JAMES S.	408	245	266	0	0	511	13	245	0	13	0.00	0.00	0.00	0.00
DE VRIES REVOCABLE TRUST 12-10-2015 (SEE NOTE 12)	260						125							
DE VRIES, NEIL AND MARY FAMILY TRUST	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
DORRANCE, DAVID W. AND TAMELA L.	19	12	0	0	(11)	1	0	1	0	0	0.00	0.00	0.00	0.00
EYGNOR, ROBERT E.	0	0	33	(33)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE	30	18	20	0	0	38	0	18	0	0	0.00	0.00	0.00	0.00
FOURFREE USA, INC.	42	26	28	0	0	54	0	26	0	0	0.00	0.00	0.00	0.00
FRATES, D. COLE	13	8	0	0	0	8	0	8	0	0	0.00	0.00	0.00	0.00
FRIEND, JOSEPH AND DEBORAH	60	36	39	0	0	75	11	36	0	11	0.00	0.00	0.00	0.00
GABRYCH, EUGENE	132	80	82	(82)	(80)	0	0	0	0	0	0.00	0.00	0.00	0.00
GOLDEN STATE WATER COMPANY	14,407	8,645	9,365	(2,602)	0	15,408	5,416	8,645	0	5,416	0.00	0.00	0.00	0.00
GRILL, NICHOLAS P. AND MILLIE D. (SEE NOTE 15)	0	0	0	0	88	88	88	0	0	0	0.00	0.00	0.00	0.00
GUTIERREZ, JOSE AND GLORIA	130	78	85	0	0	163	70	78	0	70	0.00	0.00	0.00	0.00
HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	152	92	0	0	(84)	8	0	8	0	0	0.00	0.00	0.00	0.00
HARMSER FAMILY TRUST	722	434	470	(113)	(89)	702	302	345	0	302	0.00	0.00	0.00	0.00
HASKINS, JAMES J.	30	18	20	(20)	(14)	4	18	0	14	4	0.00	7,910.00	0.00	7,910.00
HELENDALE COMMUNITY SERVICES DISTRICT	327	197	41	17	(105)	150	0	92	0	0	0.00	0.00	0.00	0.00
HENSLEY, MARK P.	27	17	18	0	0	35	17	17	0	17	0.00	0.00	0.00	0.00
HI DESERT MUTUAL WATER COMPANY	34	21	23	0	0	44	16	21	0	16	0.00	0.00	0.00	0.00
HIGH DESERT ASSOCIATES, INC.	513	308	334	0	0	642	0	308	0	0	0.00	0.00	0.00	0.00
HI-GRADE MATERIALS COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00
HILL FAMILY TRUST AND HILL'S RANCH, INC.	2,335	1,401	1,518	(771)	0	2,148	47	1,401	0	47	0.00	0.00	0.00	0.00
HOWARD, ET AL.	0	0	28	(28)	0	0	0	0	0	0	0.00	0.00	0.00	0.00
HUERTA, HECTOR	656	394	427	800	0	1,621	741	394	0	741	0.00	0.00	0.00	0.00

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	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2021-22 CARRYOVER ³	2022-23 FPA ⁴							WATER	WATER		
												\$565.00/AF	N/A		
JONES, JOETTE	22	14	15	0	0	29	0	14	0	0	0.00	0.00	0.00	0.00	
JORDAN FAMILY TRUST	460	276	295	(295)	0	276	4	272	0	4	0.00	0.00	0.00	0.00	
KASNER FAMILY LIMITED PARTNERSHIP	421	253	0	0	0	253	0	253	0	0	0.00	0.00	0.00	0.00	
KIM, JIN S. AND HYUN H.	190	114	124	(124)	0	114	0	114	0	0	0.00	0.00	0.00	0.00	
LEE, ET AL., SEPOONG AND WOO POONG	77	47	51	0	0	98	0	47	0	0	0.00	0.00	0.00	0.00	
LEYERLY, GENEVA (SEE NOTE 12)	65						3								
LOCKHART LAND HOLDING, LLC	1,433	860	932	0	0	1,792	484	860	0	484	0.00	0.00	0.00	0.00	
MCCOLLUM, CHARLES L.	115	69	75	0	0	144	0	69	0	0	0.00	0.00	0.00	0.00	
MEAD FAMILY TRUST	115	69	75	0	0	144	1	69	0	1	0.00	0.00	0.00	0.00	
MOJAVE SOLAR, LLC	5,239	3,144	3,406	0	0	6,550	1,512	3,144	0	1,512	0.00	0.00	0.00	0.00	
MOST FAMILY TRUST	56	34	37	0	0	71	0	34	0	0	0.00	0.00	0.00	0.00	
ODESSA WATER DISTRICT	299	180	195	0	0	375	0	180	0	0	0.00	0.00	0.00	0.00	
OHAI, REYNOLDS AND DOROTHY	137	83	90	0	0	173	1	83	0	1	0.00	0.00	0.00	0.00	
OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K.	722	434	470	0	0	904	129	434	0	129	0.00	0.00	0.00	0.00	
PACIFIC GAS AND ELECTRIC COMPANY	6,580	3,948	4,277	(200)	0	8,025	2,236	3,948	0	2,236	0.00	0.00	0.00	0.00	
REIDO FARMS, LLC (FORMERLY: EYGNOR, ROBERT E.)	50	30	0	33	0	63	0	30	0	0	0.00	0.00	0.00	0.00	
RIOS, MARIANO V.	8	5	6	0	0	11	1	5	0	1	0.00	0.00	0.00	0.00	
RIVERO, FIDEL V.	20	12	13	0	0	25	1	12	0	1	0.00	0.00	0.00	0.00	
ROBERTSON'S READY MIX (FORMERLY: SERVICE ROCK PRODUCTS CORPORATION)	766	460	0	498	0	958	24	460	0	24	0.00	0.00	0.00	0.00	
RUISCH TRUST, DALE W. AND NELLIE H.	650	390	43	200	0	633	578	55	0	578	0.00	0.00	0.00	0.00	
RUISCH, ET AL. (SEE NOTE 12)	862						589								
SERVICE ROCK PRODUCTS CORPORATION	0	0	498	(498)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
SEXTON, RODNEY A. AND SEXTON, DEREK R.	232	140	151	(151)	(139)	1	0	1	0	0	0.00	0.00	0.00	0.00	
SYNAGRO-WWT, INC. (DBA NURSURY PRODUCTS, LLC)	0	0	0	0	0	0	15	0	15	0	0.00	8,475.00	0.00	8,475.00	
TALLAKSON FAMILY REVOCABLE TRUST	17	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00	
VAN LEEUWEN TRUST, JOHN A. AND IETIE	0	0	953	(953)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
VERNOLA TRUST, PAT AND MARY ANN	3,116	1,870	2,026	1,600	0	5,496	2,352	1,870	0	2,352	0.00	0.00	0.00	0.00	
VICTORVILLE WATER DISTRICT, ID#1	5,164	3,099	2,839	(1,837)	0	4,101	0	3,099	0	0	0.00	0.00	0.00	0.00	
WERNER, ANDREW J.	18	11	0	0	(10)	1	0	1	0	0	0.00	0.00	0.00	0.00	
WESTERN DEVELOPMENT AND STORAGE, LLC	6	4	0	0	0	4	0	4	0	0	0.00	0.00	0.00	0.00	
WITHEY, CONNIE	22	14	15	0	0	29	1	14	0	1	0.00	0.00	0.00	0.00	
TOTAL	49,477	28,757	29,839	(3,920)	(522)	54,154	14,840	28,022	29	14,710	0.00	16,385.00	0.00	16,385.00	

APPENDIX I

APRIL 23, 2025

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				2021-22	2022-23							WATER	WATER		
				CARRYOVER ³	FPA ⁴										
35250 YERMO, LLC	24	5	0	0	0	5	11	0	6	5	0.00	3,390.00	0.00	3,390.00	
AHN, CHUN SOO AND WHA JA	50	11	12	0	0	23	1	11	0	1	0.00	0.00	0.00	0.00	
AKE, CHARLES J. AND MARJORIE M.	23	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00	
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	27	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00	
BARBER, JAMES B.	167	35	38	0	0	73	29	35	0	29	0.00	0.00	0.00	0.00	
BARON, SUSAN AND PALMER, CURTIS	26	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00	
BNSF RAILWAY COMPANY (FORMERLY: ATCHISON TOPEKA AND SANTA FE RAIL WAY COMPANY)	80	48	0	0	0	48	33	15	0	33	0.00	0.00	0.00	0.00	
BORJA, LEONIL T. AND TITAL L.	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
BREDELIS, RONALD C. AND JEAN	64	14	5	(5)	0	14	11	3	0	11	0.00	0.00	0.00	0.00	
BUBIER, DIANE GAIL	54	12	0	0	13	25	25	0	0	12	0.00	0.00	0.00	0.00	
BUDGET FINANCE COMPANY	32	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
BUSH, KEVIN	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
CALICO LAKES HOMEOWNERS ASSOCIATION	1,296	266	275	121	(260)	402	234	0	0	234	0.00	0.00	0.00	0.00	
CALIFORNIA DEPARTMENT OF TRANSPORTATION	71	15	16	0	0	31	10	15	0	10	0.00	0.00	0.00	0.00	
CALMAT COMPANY	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
CAMANGA, TONY AND MARIETTA	47	10	11	0	0	21	1	10	0	1	0.00	0.00	0.00	0.00	
CAMPBELL, M. A. AND DIANNE	22	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
CARLTON, SUSAN	155	32	35	0	0	67	1	32	0	1	0.00	0.00	0.00	0.00	
CDFW - CAMP CADY	921	189	127	0	0	316	182	134	0	182	0.00	0.00	0.00	0.00	
CHEYENNE LAKE, INC.	665	137	88	30	15	270	176	94	0	176	0.00	0.00	0.00	0.00	
CLARK, ARTHUR	50	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00	
CONNER, WILLIAM H.	25	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00	
CORBRIDGE, LINDA S.	32	7	8	0	0	15	4	7	0	4	0.00	0.00	0.00	0.00	
CROSS, FRANCIS AND BEVERLY	40	9	9	0	0	18	0	9	0	0	0.00	0.00	0.00	0.00	
CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	844	174	0	20	239	433	420	0	0	209	0.00	0.00	0.00	0.00	
DAGGETT COMMUNITY SERVICES DISTRICT	504	104	0	45	71	220	220	0	0	149	0.00	0.00	0.00	0.00	
DAGGETT LAND HOLDINGS LLC	0	0	134	41	37	212	149	37	0	149	0.00	0.00	0.00	0.00	
DAGGETT RANCH, LLC	76	16	0	0	0	16	12	4	0	12	0.00	0.00	0.00	0.00	
DAGGETT SOLAR POWER 3 LLC	179	37	41	(41)	(37)	0	0	0	0	0	0.00	0.00	0.00	0.00	
DE JONG FAMILY TRUST	3,131	642	383	142	0	1,167	711	456	0	711	0.00	0.00	0.00	0.00	
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	29	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00	
DONALDSON, JERRY AND BEVERLY	90	19	21	0	0	40	1	19	0	1	0.00	0.00	0.00	0.00	
DOWELL, LEONARD	23	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00	
EVERT FAMILY TRUST	173	36	39	(9)	(9)	57	26	27	0	26	0.00	0.00	0.00	0.00	
FEJFAR, MONICA KAY	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
FERNANDEZ, ARTURO	76	16	18	0	0	34	0	16	0	0	0.00	0.00	0.00	0.00	
FERRO, DENNIS AND NORMA	32	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
FIRST CPA LLC	57	12	13	0	0	25	1	12	0	1	0.00	0.00	0.00	0.00	

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				2021-22	2022-23										
				CARRYOVER ³	FPA ⁴										
FOOTHILL ESTATES MHP, LLC	54	12	1	0	0	13	10	3	0	10	0.00	0.00	0.00	0.00	
FUNDAMENTAL CHRISTIAN ENDEAVORS, INC.	425	88	93	0	0	181	84	77	0	84	0.00	0.00	0.00	0.00	
GABRYCH, EUGENE	1,637	336	0	563	78	977	977	0	0	899	0.00	0.00	0.00	0.00	
GARCIA, DANIEL	23	5	6	0	0	11	1	5	0	1	0.00	0.00	0.00	0.00	
GARG, OM P.	483	100	109	(109)	0	100	0	100	0	0	0.00	0.00	0.00	0.00	
GENON CALIFORNIA SOUTH, LP (SEE NOTE 16)	0	0	290	0	250	540	196	250	0	196	0.00	0.00	0.00	0.00	
GRAY, GEORGE F. AND BETTY E.	94	20	22	(22)	0	20	0	20	0	0	0.00	0.00	0.00	0.00	
GREEN HAY PACKERS LLC (FORMERLY: CLARK, GARY AND BETH A.)	0	0	0	0	29	29	222	0	193	0	0.00	109,045.00	0.00	109,045.00	
HACKBARTH, EDWARD E.	1,553	319	4	649	0	972	744	228	0	744	0.00	0.00	0.00	0.00	
HANG, PHU QUANG (FORMERLY: LANGLEY REVOCABLE TRUST AND SHARON LANGLEY)	20	5	0	4	0	9	4	5	0	4	0.00	0.00	0.00	0.00	
HANSON AGGREGATES WRP, INC.	31	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00	
HARESON, NICHOLAS AND MARY	8	2	2	0	0	4	0	2	0	0	0.00	0.00	0.00	0.00	
HARTER, JOE AND SUE	5,134	1,053	1,071	(365)	(20)	1,739	678	1,033	0	678	0.00	0.00	0.00	0.00	
HASS, PAULINE L.	35	8	7	(7)	0	8	1	7	0	1	0.00	0.00	0.00	0.00	
HENDLEY, RICK AND BARBARA	48	10	8	0	0	18	11	7	0	11	0.00	0.00	0.00	0.00	
HIETT, HARRY L.	29	6	7	(2)	(6)	5	1	0	0	1	0.00	0.00	0.00	0.00	
HILARIDES 1998 REVOCABLE FAMILY TRUST	303	63	68	(68)	0	63	1	62	0	1	0.00	0.00	0.00	0.00	
HO, TING-SENG AND AH-GIT	300	62	68	0	0	130	0	62	0	0	0.00	0.00	0.00	0.00	
HOLLISTER, ROBERT H. AND RUTH M.	44	10	10	0	0	20	0	10	0	0	0.00	0.00	0.00	0.00	
HONG, PAUL B. AND MAY	85	18	20	0	0	38	0	18	0	0	0.00	0.00	0.00	0.00	
HOOD FAMILY TRUST	41	9	10	0	0	19	11	8	0	11	0.00	0.00	0.00	0.00	
HORTON FAMILY TRUST	441	91	0	31	15	137	88	2	0	88	0.00	0.00	0.00	0.00	
HU, MINSHENG	43	9	10	0	0	19	9	9	0	9	0.00	0.00	0.00	0.00	
HUBBARD, ESTER AND MIZUNO, ARLEAN	28	6	7	0	0	13	1	6	0	1	0.00	0.00	0.00	0.00	
HUNT, RALPH M. AND LILLIAN F.	51	11	12	0	0	23	3	11	0	3	0.00	0.00	0.00	0.00	
HYATT, JAMES AND BRENDA	210	44	40	(40)	0	44	10	34	0	10	0.00	0.00	0.00	0.00	
IM, NICHOLAS NAK-KYUN	397	82	90	0	0	172	73	82	0	73	0.00	0.00	0.00	0.00	
IRVIN, BERTRAND W.	29	6	7	3	0	16	11	5	0	11	0.00	0.00	0.00	0.00	
ITALMOOD INC., ET AL.	0	0	43	(43)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
JACKS, JAMES F.	10	3	3	0	0	6	1	3	0	1	0.00	0.00	0.00	0.00	
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	54	12	13	(13)	0	12	0	12	0	0	0.00	0.00	0.00	0.00	
JACKSON, RAY REVOCABLE TRUST NO. 45801	1	1	1	0	0	2	0	1	0	0	0.00	0.00	0.00	0.00	
KARIMI, HOOSHANG	70	15	16	0	0	31	1	15	0	1	0.00	0.00	0.00	0.00	
KASNER FAMILY LIMITED PARTNERSHIP	843	173	24	(24)	0	173	0	173	0	0	0.00	0.00	0.00	0.00	
KASNER, ROBERT (SEE NOTE 15)	5,613	1,151	1,263	(1,263)	(78)	1,073	0	1,073	0	0	0.00	0.00	0.00	0.00	

**AMENDED APPENDIX B FOR WATER YEAR 2022-23
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	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2021-22 CARRYOVER ³	2022-23 FPA ⁴							WATER	WATER		
												\$565.00/AF	N/A		
KATCHER, AUGUST M. AND MARCELINE	23	5	6	0	0	11	1	5	0	1	0.00	0.00	0.00	0.00	
KEMP, ROBERT AND ROSE	32	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	764	157	172	0	0	329	135	157	0	135	0.00	0.00	0.00	0.00	
KIM, SEON JA	50	11	12	0	0	23	1	11	0	1	0.00	0.00	0.00	0.00	
KOERING, RICHARD AND KOERING, DONNA	20	5	5	0	0	10	1	5	0	1	0.00	0.00	0.00	0.00	
KOSHAREK, NANCY	0	0	13	(13)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
LAKE JODIE PROPERTY OWNERS ASSOCIATION	454	94	0	20	152	266	255	0	0	129	0.00	0.00	0.00	0.00	
LAKE WAIKIKI	98	21	23	0	0	44	0	21	0	0	0.00	0.00	0.00	0.00	
LAKE WAINANI OWNERS ASSOCIATION	1,925	395	417	(377)	239	674	189	400	0	189	0.00	0.00	0.00	0.00	
LAM, PHILLIP	105	22	24	0	0	46	1	22	0	1	0.00	0.00	0.00	0.00	
LANGLEY REVOCABLE TRUST AND SHARON LANGLEY	0	0	4	(4)	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
LAVANH, ET AL.	24	5	6	0	0	11	1	5	0	1	0.00	0.00	0.00	0.00	
LAWRENCE, WILLIAM W.	45	10	11	0	0	21	1	10	0	1	0.00	0.00	0.00	0.00	
LEE, VIN JANG T.	630	130	142	0	0	272	0	130	0	0	0.00	0.00	0.00	0.00	
LEM, HOY	32	7	8	0	0	15	0	7	0	0	0.00	0.00	0.00	0.00	
LIANG, YUAN - I AND TZU - MEI CHEN	200	41	45	(45)	0	41	0	41	0	0	0.00	0.00	0.00	0.00	
LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	453	93	102	0	0	195	84	93	0	84	0.00	0.00	0.00	0.00	
LIN, KUAN JUNG AND CHUNG, DER-BING	451	93	0	0	(93)	0	0	0	0	0	0.00	0.00	0.00	0.00	
LO, ET AL.	59	13	0	0	0	13	37	0	24	13	0.00	13,560.00	0.00	13,560.00	
M BIRD CONSTRUCTION	41	9	10	0	0	19	0	9	0	0	0.00	0.00	0.00	0.00	
MAHJOUBI, AFSAR S.	63	13	15	0	0	28	0	13	0	0	0.00	0.00	0.00	0.00	
MANNING, SHARON S.	63	13	11	0	0	24	7	13	0	7	0.00	0.00	0.00	0.00	
MARCROFT, JAMES A. AND JOAN	38	8	5	0	0	13	4	8	0	4	0.00	0.00	0.00	0.00	
MARSHALL, CHARLES	20	5	5	0	0	10	0	5	0	0	0.00	0.00	0.00	0.00	
MARTIN, MICHAEL D. AND ARLENE D.	63	13	15	10	0	38	36	2	0	36	0.00	0.00	0.00	0.00	
MILBRAT, IRVING H.	73	15	4	0	0	19	16	3	0	16	0.00	0.00	0.00	0.00	
MILLER LIVING TRUST	18	4	5	0	0	9	0	4	0	0	0.00	0.00	0.00	0.00	
MIZRAHIE, ET AL.	145	30	33	(33)	0	30	0	30	0	0	0.00	0.00	0.00	0.00	
MOJAVE WATER AGENCY	7,194	1,475	1,019	0	(250)	2,244	0	1,225	0	0	0.00	0.00	0.00	0.00	
MORRIS TRUST, JULIA V.	304	63	68	(68)	0	63	1	62	0	1	0.00	0.00	0.00	0.00	
MULLIGAN, ROBERT AND INEZ	35	8	8	0	0	16	0	8	0	0	0.00	0.00	0.00	0.00	
MURPHY, JEAN	24	5	6	0	0	11	4	5	0	4	0.00	0.00	0.00	0.00	
MUSIC, ZAJO	15	4	0	0	0	4	4	0	0	4	0.00	0.00	0.00	0.00	
NEW SPRINGS LIMITED PARTNERSHIP	2,329	478	525	(525)	(11)	467	0	467	0	0	0.00	0.00	0.00	0.00	
NEWBERRY COMMUNITY SERVICES DISTRICT	23	5	4	0	0	9	1	5	0	1	0.00	0.00	0.00	0.00	
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	1	1	4	(4)	(1)	0	0	0	0	0	0.00	0.00	0.00	0.00	
NSSLIC, INC.	109	23	25	80	0	128	65	23	0	65	0.00	0.00	0.00	0.00	
O. F. D. L., INC.	443	91	84	165	(86)	254	130	5	0	130	0.00	0.00	0.00	0.00	
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	667	137	151	0	0	288	0	137	0	0	0.00	0.00	0.00	0.00	

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BAJA SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)								
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL	
				2021-22 CARRYOVER ³	2022-23 FPA ⁴							WATER	WATER		
												\$565.00/AF	N/A		
PATINO, JOSÉ	22	5	5	0	0	10	5	5	0	5	0.00	0.00	0.00	0.00	
PEARCE, CRAIG L.	150	31	34	0	(29)	36	3	2	0	3	0.00	0.00	0.00	0.00	
PERKO, BERT K.	132	28	30	0	0	58	3	28	0	3	0.00	0.00	0.00	0.00	
POLAND, JOHN R. AND KATHLEEN A.	92	19	21	0	0	40	1	19	0	1	0.00	0.00	0.00	0.00	
PORTER, TIMOTHY M.	30	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00	
PRECISION INVESTMENTS SERVICES, LLC	845	174	191	0	0	365	199	166	0	199	0.00	0.00	0.00	0.00	
PRICE, DONALD AND RUTH	42	9	10	0	0	19	1	9	0	1	0.00	0.00	0.00	0.00	
PRUETT, ANDREA	36	8	9	0	0	17	0	8	0	0	0.00	0.00	0.00	0.00	
QUAKENBUSH, SAMUEL R.	19	4	5	0	0	9	1	4	0	1	0.00	0.00	0.00	0.00	
QUIROS, FRANCISCO J. AND HERRMANN, RONALD	38	8	9	29	0	46	36	8	0	36	0.00	0.00	0.00	0.00	
RICE, HENRY C. AND DIANA	24	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00	
RIZVI, S.R ALI	27	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00	
ROBERTSON'S READY MIX (FORMERLY: SERVICE ROCK PRODUCTS CORPORATION)	0	0	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	
ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI	614	126	114	100	0	340	164	126	0	164	0.00	0.00	0.00	0.00	
S AND B BROTHERS, LLC	221	46	0	0	0	46	0	46	0	0	0.00	0.00	0.00	0.00	
SAGABEAN-BARKER, KANOELOKELANI L.	34	7	0	0	5	12	12	0	0	7	0.00	0.00	0.00	0.00	
SAMRA, JAGTAR S.	30	7	7	0	0	14	2	7	0	2	0.00	0.00	0.00	0.00	
SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	168	35	38	0	0	73	13	35	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	7	8	0	0	15	1	7	0	1	0.00	0.00	0.00	0.00	
SHEPPARD, THOMAS AND GLORIA	217	45	49	0	0	94	1	45	0	1	0.00	0.00	0.00	0.00	
SHORT, JEROME E. (SEE NOTE 17)	30	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00	
SINGH, ET AL.	31	7	1	0	0	8	0	7	0	0	0.00	0.00	0.00	0.00	
SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	0	0	0	0	2	2	2	0	0	0	0.00	0.00	0.00	0.00	
SMITH, PORTER AND ANITA	25	6	6	0	0	12	0	6	0	0	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA EDISON COMPANY	600	123	135	(133)	(20)	105	0	103	0	0	0.00	0.00	0.00	0.00	
SOUTHERN CALIFORNIA GAS COMPANY	98	21	13	0	0	34	23	11	0	23	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	27	0	267	1	295	295	0	0	294	0.00	0.00	0.00	0.00	
STARKE, GEORGE A. AND JAYNE E.	23	5	6	0	0	11	0	5	0	0	0.00	0.00	0.00	0.00	
SUNDOWN LAKES, INC.	523	108	78	30	56	272	157	0	0	157	0.00	0.00	0.00	0.00	
SUNRAY LAND COMPANY, LLC	63	13	15	0	0	28	0	13	0	0	0.00	0.00	0.00	0.00	
SZYNKOWSKI, RUTH J.	29	6	7	0	0	13	1	6	0	1	0.00	0.00	0.00	0.00	
TAPIE, RAYMOND L.	18	4	5	0	0	9	0	4	0	0	0.00	0.00	0.00	0.00	
TEISAN, JERRY	96	20	22	0	0	42	0	20	0	0	0.00	0.00	0.00	0.00	
THAYER, SHARON	97	20	16	0	0	36	21	11	0	21	0.00	0.00	0.00	0.00	
THOMAS, STEPHEN AND LORI	49	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00	

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BAJA SUBAREA

PRODUCER	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED FPA ⁷	REPLACEMENT WATER OBLIGATION ⁸	SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT	MAKEUP	TOTAL
				2021-22 CARRYOVER ³	2022-23 FPA ⁴							WATER	WATER	
												\$565.00/AF	N/A	
TRIPLE H PARTNERSHIP	218	45	11	0	0	56	66	0	10	56	0.00	5,650.00	0.00	5,650.00
TURNER, TERRY	30	7	7	0	0	14	0	7	0	0	0.00	0.00	0.00	0.00
UNION PACIFIC RAILROAD COMPANY	249	52	28	0	0	80	51	29	0	51	0.00	0.00	0.00	0.00
UPPAL, GAGAN (FORMERLY: ITALMOOD INC., ET AL.)	190	39	0	0	0	39	0	39	0	0	0.00	0.00	0.00	0.00
VAAGE, GAGE V. (FORMERLY: KOSHAREK, NANCY)	54	12	0	13	0	25	11	12	0	11	0.00	0.00	0.00	0.00
VACA, ANDY AND TERESITA S.	20	5	5	0	0	10	5	5	0	5	0.00	0.00	0.00	0.00
VAN BASTELAAR, ALPHONSE	78	16	0	0	0	16	6	10	0	6	0.00	0.00	0.00	0.00
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	8,128	1,667	841	(571)	(25)	1,912	960	952	0	960	0.00	0.00	0.00	0.00
VAN LEEUWEN TRUST, JOHN A. AND IETIE	2,018	414	351	0	0	765	388	377	0	388	0.00	0.00	0.00	0.00
VANDER DUSSEN TRUST, AGNES AND EDWARD	1,613	331	363	(363)	0	331	0	331	0	0	0.00	0.00	0.00	0.00
WANG, STEVEN	10	3	3	0	0	6	0	3	0	0	0.00	0.00	0.00	0.00
WARD, RAYMOND (SEE NOTE 15)	105	22	8	0	0	30	3	22	0	3	0.00	0.00	0.00	0.00
WEEMS, LIZZIE	53	11	12	0	0	23	0	11	0	0	0.00	0.00	0.00	0.00
WEERAISINGHE, MAITHRI N.	15	4	4	0	0	8	1	4	0	1	0.00	0.00	0.00	0.00
WESTERN HORIZON ASSOCIATES, INC.	1,163	239	0	0	(99)	140	140	0	0	0	0.00	0.00	0.00	0.00
WET SET, INC.	547	113	118	30	15	276	125	84	0	125	0.00	0.00	0.00	0.00
WITTE, E. DANIEL AND MARCIA	27	6	7	0	0	13	1	6	0	1	0.00	0.00	0.00	0.00
WLSR, INC.	471	97	102	30	0	229	83	82	0	83	0.00	0.00	0.00	0.00
WORSEY, JOSEPH A. AND REVAE	29	6	7	0	0	13	0	6	0	0	0.00	0.00	0.00	0.00
YANG, ZILAN	26	6	0	0	0	6	0	6	0	0	0.00	0.00	0.00	0.00
TOTAL	63,929	13,217	10,422	(1,724)	193	22,108	9,151	10,002	233	8,242	0.00	131,645.00	0.00	131,645.00

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SUBAREA	2022-23 FREE PRODUCTION ALLOWANCE						PRODUCTION					ASSESSMENTS DUE BY JULY 1, 2024 (AMOUNTS IN DOLLARS)		
	BASE ANNUAL PRODUCTION	BASE FREE PRODUCTION ALLOWANCE ¹	CARRYOVER FROM PREVIOUS YEAR ²	TRANSFERS + OR (-)		TOTAL ⁵	2022-23 VERIFIED PRODUCTION ⁶	UNUSED ⁷ FPA	REPLACEMENT WATER OBLIGATION ⁸	PRODUCTION SUBJECT TO MAKEUP OBLIGATION ⁹	MAKEUP WATER OBLIGATION	REPLACEMENT WATER	MAKEUP WATER	TOTAL
				2021-22 CARRYOVER ³	2022-23 FPA ⁴									
ESTE	19,251	11,569	12,035	(395)	0	23,209	3,547	10,687	6	3,208	0.00	3,390.00	0.00	3,390.00
OESTE	6,857	3,773	4,117	0	0	7,890	2,607	3,773	0	2,607	0.00	0.00	0.00	0.00
ALTO	114,308	62,002	13,558	(11,932)	10	63,638	68,751	1,841	6,006	50,242	0.00	3,393,390.00	0.00	3,393,390.00
CENTRO	49,477	28,757	29,839	(3,920)	(522)	54,154	14,840	28,022	29	14,710	0.00	16,385.00	0.00	16,385.00
BAJA	63,929	13,217	10,422	(1,724)	193	22,108	9,151	10,002	233	8,242	0.00	131,645.00	0.00	131,645.00
GRAND TOTAL	253,822	119,318	69,971	(17,971)	(319)	170,999	98,896	54,325	6,274	79,009	0.00	3,544,810.00	0.00	3,544,810.00

NOTES FOR APPENDIX I

- 1 EQUAL TO 60% OF BASE ANNUAL PRODUCTION IN THE ESTE AND CENTRO SUBAREAS.
EQUAL TO 55% OF BASE ANNUAL PRODUCTION IN THE OESTE SUBAREA
EQUAL TO 54.4% OF BASE ANNUAL PRODUCTION IN THE ALTO SUBAREA.
EQUAL TO 20.5% OF BASE ANNUAL PRODUCTION IN THE BAJA SUBAREA.
- 2 UNUSED FPA FROM 2021-22 NET OF ANY TRANSFERS DURING 2021-22.
- 3 TRANSFERS OF 2021-22 UNUSED FPA FOR USE DURING 2022-23. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 4 TRANSFERS OF 2022-23 BASE FREE PRODUCTION ALLOWANCE. AMOUNTS SOLD OR OTHERWISE RELINQUISHED ARE SHOWN IN PARENTHESIS. SEE APPENDIX E.
- 5 TOTAL FREE PRODUCTION ALLOWANCE FOR 2022-23 IS EQUAL TO THE SUM OF BASE FREE PRODUCTION ALLOWANCE, CARRYOVER AND TRANSFERS.
- 6 2022-23 VERIFIED PRODUCTION.
- 7 UNUSED FPA IS EQUAL TO THE TOTAL FPA MINUS TOTAL VERIFIED PRODUCTION, BUT NOT GREATER THAN THE SUM OF BASE FREE PRODUCTION ALLOWANCE AND 2022-23 FPA TRANSFERS.
- 8 WATER PRODUCTION IN EXCESS OF TOTAL FREE PRODUCTION ALLOWANCE.
- 9 PRODUCTION SUBJECT TO MAKEUP OBLIGATION IS EQUAL TO THE TOTAL VERIFIED PRODUCTION NOT TO EXCEED THE TOTAL FREE PRODUCTION ALLOWANCE.
- 10 PHELAN PIÑON HILLS CSD'S WELL #14 IS NOT INCLUDED IN THE TOTAL VERIFIED PRODUCTION. THE MATTER OF PUMPING FROM WELL #14, LOCATED IN LA COUNTY, IS STILL UNRESOLVED AND MAY AFFECT FUTURE OBLIGATIONS UNDER THE JUDGMENT.
- 11 CDFW - MOJAVE RIVER FISH HATCHERY IS EXEMPT FROM ASSESSMENTS PURSUANT TO THE PROVISIONS OF EXHIBIT F OF THE JUDGMENT AFTER TRIAL, DATED JANUARY 10, 1996.
- 12 APPELLANTS NOT SUBJECT TO THE JUDGMENT AFTER TRIAL PURSUANT TO SUPREME COURT DECISION DATED AUGUST 21, 2000. THE AGGREGATE BASE ANNUAL PRODUCTION OF THESE PARTIES WAS DETERMINED PRIOR TO TRIAL AND CONSISTS OF 291 ACRE-FEET IN THE ALTO SUBAREA AND 1,187 ACRE-FEET IN THE CENTRO SUBAREA. THE VERIFIED PRODUCTION WAS ESTIMATED BY WATERMASTER FOR 2022-23 AND CONSISTS OF 1,101 ACRE-FEET IN THE ALTO SUBAREA AND 717 ACRE-FEET IN THE CENTRO SUBAREA.
- 13 THE VERIFIED PRODUCTION SHOWN INCLUDES MWA DELIVERIES THROUGH THE REGIONAL, RECHARGE AND RECOVERY PROJECT. DELIVERIES FOR 2022-23 WATER YEAR INCLUDE 1,846 ACRE-FEET FOR THE CITY OF ADELANTO, 472 ACRE-FEET FOR LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP., 1,592 ACRE-FEET FOR VICTORVILLE WATER DISTRICT, ID#1 AND 2,397 ACRE-FEET FOR VICTORVILLE WATER DISTRICT ID#2.
- 14 THE VERIFIED PRODUCTION SHOWN INCLUDES THE OPERATIONAL WATER USED FOR THE REGIONAL, RECHARGE AND RECOVERY PROJECT.
- 15 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

APRIL 23, 2025

**MOJAVE BASIN AREA WATERMASTER
NOTICE LIST**

OWNER	DESIGNEE	OWNER	DESIGNEE
35250 YERMO, LLC	ROBERTO MUNOZ	BRUNEAU, KAREN	KAREN BRUNEAU
ABDUL, HARRY AND ANITA	JACKIE MCEVOY	BRYANT FAMILY TRUST DATED MAY 9, 2007	IAN BRYANT
ABSHIRE, DAVID V.	JOHN MCCALLUM	BUBIER, DIANE GAIL	DIANE GAIL BUBIER
ADELANTO, CITY OF	JESSIE FLOREZ	BUDGET FINANCE COMPANY	NOAH FURIE
ADES, JOHN AND DEVON	JOHN AND DEVON ADES	BUNNELL, DICK	DICK BUNNELL
AEROCHEM, INC.	PEDRO DUMAUA	BUSH, KEVIN	KEVIN BUSH
AGCON, INC.	LORI CLIFTON	CALICO LAKES HOMEOWNERS ASSOCIATION	KRISTIE WRIGHT
AHN REVOCABLE LIVING TRUST	CHUN SOO AND WHA JA AHN	CALIFORNIA DEPARTMENT OF TRANSPORTATION	WILLIAM DECOURSEY
AHN REVOCABLE TRUST	SIMON AHN	CALMAT COMPANY	ROBERT W. BOWCOCK
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	CALPORTLAND COMPANY - AGRICULTURE	CATALINA ELIAS
AMERICA UNITED DEVELOPMENT, LLC	PAUL TSAI	CALPORTLAND COMPANY - ORO GRANDE PLANT	CATALINA ELIAS
AMERICAN STATES WATER COMPANY	ANA CHAVEZ	CAMANGA, TONY AND MARIETTA	TONY CAMANGA
ANDERSON, ROSS C. AND BETTY J.	ROSS C. AND BETTY J. ANDERSON	CAMPBELL, M. A. AND DIANNE	MYRON CAMPBELL II
APPLE VALLEY FOOTHILL COUNTY WATER DISTRICT	DANIEL B. SMITH	CARLTON, SUSAN	SUSAN CARLTON
APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	MATTHEW PATTERSON	CASA COLINA FOUNDATION	DENISE PARRA
APPLE VALLEY UNIFIED SCHOOL DISTRICT	PARKS AND RECREATION TOWN OF	CDFW - CAMP CADY	DANIELLE STEWART
APPLE VALLEY VIEW MUTUAL WATER COMPANY	EMELY AND JOE SALTMERIS	CDFW - MOJAVE NARROWS REGIONAL PARK	BEAHTA DAVIS
APPLE VALLEY, TOWN OF	TINA KUHNS	CDFW - MOJAVE RIVER FISH HATCHERY	PACO CABRAL
AVILA, ANGEL AND EVALIA	ANGEL AND EVALIA AVILA	CEMEX, INC.	ENVIRONMENTAL
BAILEY 2007 LIVING REVOCABLE TRUST, SHERÉ R.	SHERÉ R. BAILEY	CENTER WATER COMPANY	JENNIFER CUTLER
BAR H MUTUAL WATER COMPANY	DANIEL SHAW	CHAMISAL MUTUAL WATER COMPANY	NANCY RYMAN
BARBER, JAMES B.	JAMES B. BARBER	CHEYENNE LAKE, INC.	CARL PUGH
BAR-LEN MUTUAL WATER COMPANY	JOHN MUNOZ	CHISRAM, ET AL.	MICAH EL CHISRAM
BARON, SUSAN AND PALMER, CURTIS	CURTIS PALMER	CHOI, YONG IL AND JOUNG AE	YONG IL AND JOUNG AE CHOI
BARSTOW COMMUNITY DEVELOPERS, LLC	TEDDI MORAD	CHONG, JOAN	JOAN CHONG
BARTELS, GWENDOLYN J.	GWENDOLYN J. BARTELS	CHRISTISON, JOEL	JOEL CHRISTISON
BASS TRUST, NEWTON T.	BARBARA DAVISSON	CHUNG, ET AL.	HWA-YONG CHUNG
BASTIANON REVOCABLE TRUST	REMO E. BASTIANON	CLARK, ARTHUR	ARTHUR CLARK
BEINSCHROTH FAMILY TRUST	MIKE BEINSCHROTH	CLUB VIEW PARTNERS	MANOUCHER SARBAZ
BEINSCHROTH, ANDY ERIC	ANDY ERIC BEINSCHROTH	COME MISSION, INC.	JAHEWAN LEE
BELL, CHARLES H. TRUST DATED MARCH 7, 2014	CHUCK BELL	CONNER, WILLIAM H.	WILLIAM H. CONNER
BEST, BYRON L.	BYRON L. BEST	CONTRATTO, ERSULA	ERSULA CONTRATTO
BNSF RAILWAY COMPANY	DEBORAH STEPHENSON	CORBRIDGE, LINDA S.	GEORGE STARKE
BNSF RAILWAY COMPANY	DEBORAH STEPHENSON	CROSS, SHARON I.	SHARON I. CROSS
BORJA, LEONIL T. AND TITAL L.	LEONIL T. AND TITAL L. BORJA	CROWN CAMBRIA, LLC	JAY HOOPER
BOX, GEARY S. AND LAURA	GEARY S. AND LAURA BOX	CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	ALESSIA MORRIS
BREDELIS, RONALD C. AND JEAN	RONALD C. AND JEAN BREDELIS	DACOSTA, DEAN EDWARD	DEAN EDWARD DACOSTA
BROMMER HOUSE TRUST	MARVIN BROMMER	DAGGETT COMMUNITY SERVICES DISTRICT	SHANNA MITCHELL
BROWN FAMILY TRUST DATED AUGUST 11, 1999	PAUL JOHNSON	DAGGETT LAND HOLDINGS LLC	WEWORK C/O AILEEN YEUNG
BROWN, JENNIFER	JENNIFER BROWN	DAGGETT RANCH, LLC	STEVE AND DANA RIVETT

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DAGGETT SOLAR POWER 3 LLC	WEWORK C/O AILEEN YEUNG	GORDON ACRES WATER COMPANY	SCOT GASPER
DAHLQUIST, GEORGE R.	GEORGE R. DAHLQUIST	GRAY, GEORGE F. AND BETTY E.	GEORGE F. AND BETTY E. GRAY
DARR, JAMES S.	JAMES S. DARR	GREEN ACRES ESTATES	BRIAN E. BOLIN
DE JONG FAMILY TRUST	ALAN L. DE JONG	GREEN HAY PACKERS LLC	ERIC ARCHIBEK
DE VRIES, NEIL AND MARY FAMILY TRUST	MARY DE VRIES	GRILL, NICHOLAS P. AND MILLIE D.	NICK GRILL
DENNISON, QUENTIN D. - CLEGG, FRIZELL AND JOKE	RANDY WAGNER	GUBLER, HANS	HANS GUBLER
DESERT DAWN MUTUAL WATER COMPANY	MARIE MCDANIEL	GULBRANSON, MERLIN	TAMARA J SKOGLUND
DESERT GIRLZ LLC	PENNY ZARITSKY	GUTIERREZ, JOSE AND GLORIA	JOSE AND GLORIA GUTIERREZ
DESERT SPRINGS MUTUAL WATER COMPANY	DENISE COURTNEY	HAAS, BRYAN C. AND HINKLE, MARY H.	BRYAN C. HAAS AND MARY H. HINKLE
DLW REVOCABLE TRUST	DEBBY WYATT	HACKBARTH, EDWARD E.	EDWARD E. HACKBARTH
DOLCH LIVING TRUST ROBERT AND JUDITH	JUDITH DOLCH-PARTRIDGE, TRUSTEE	HALANNA EQUITIES III	ALEXANDRA LIOANAG
DONALDSON, JERRY AND BEVERLY	JERRY AND BEVERLY DONALDSON	HAMILTON FAMILY TRUST	DOUG AND CHERYL HAMILTON
DORA LAND, INC.	VIRGINIA SHAW	HANDRINOS, NICOLE A.	WILLIAM HANDRINOS
DORRANCE, DAVID W. AND TAMELA L.	DAVID DORRANCE	HANG, PHU QUANG	PHU QUANG HANG
DOUGLASS, TINA	DAVID LOOPER	HANIFY, MICHAEL D., DBA - WHITE BEAR RANCH	DONALD F. HANIFY
DOWELL, LEONARD	LEONARD DOWELL	HANSON AGGREGATES WRP, INC.	MATT WOOD
EVENSON, EDWIN H. AND JOYCELAINE C.	EDWIN H. AND JOYCELAINE C. EVENSON	HARESON, NICHOLAS AND MARY	MARY JANE HARESON
EVERT FAMILY TRUST	STEPHANIE L. EVERT	HARMSEN FAMILY TRUST	KENNY HARMSEN
FEDERAL BUREAU OF PRISONS, VICTORVILLE	DAVID DITTENMORE	HARTER, JOE AND SUE	JOE AND SUE HARTER
FEJFAR, MONICA KAY	MONICA KAY FEJFAR	HARVEY, LISA M.	LISA M. HARVEY
FENG, JINBAO	JINBAO FENG	HASKINS, JAMES J.	JAMES J. HASKINS
FERNANDEZ, ARTURO	ARTURO FERNANDEZ	HASS, PAULINE L.	PAULINE L. HASS
FERRO, DENNIS AND NORMA	DENNIS AND NORMA FERRO	HELENDALE COMMUNITY SERVICES DISTRICT	CRAIG CARLSON
FINCH, JENIFER	JENIFER FINCH	HELENDALE COMMUNITY SERVICES DISTRICT	KIMBERLY COX
FIRST CPA LLC	ALEX AND JERRICA LIU	HELENDALE SCHOOL DISTRICT	JOSHUA MAZE
FISCHER REVOCABLE LIVING TRUST	CARL FISCHER	HENDLEY, RICK AND BARBARA	JEFF GALLISTEL
FISHER TRUST, JEROME R.	PAUL JOHNSON	HENSLEY, MARK P.	MARK P. HENSLEY
FOOTHILL ESTATES MHP, LLC	DAISY CRUZ	HESPERIA - GOLF COURSE, CITY OF	JEREMY MCDONALD
FOURFREE USA, INC.	JIN HYUNG KIM	HESPERIA VENTURE I, LLC	JANIE MARTINES
FRATES, D. COLE	D. COLE FRATES	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	CARABETH CARTER
GABRYCH, EUGENE	EUGENE GABRYCH	HI DESERT MUTUAL WATER COMPANY	LISSET SARDESON
GAETA, MIGUEL AND MARIA	MIGUEL AND MARIA GAETA	HIETT, HARRY L.	HARRY L. HIETT
GAETA, TRINIDAD	JAY STORER	HIGH DESERT ASSOCIATES, INC.	ROBERT W. BOWCOCK
GARCIA, DANIEL	DANIEL GARCIA	HI-GRADE MATERIALS COMPANY	LORI CLIFTON
GARDENA MISSION CHURCH, INC.	SANG HWAL KIM	HI-GRADE MATERIALS COMPANY	LORI CLIFTON
GARG, OM P.	OM P. GARG	HI-GRADE MATERIALS COMPANY	LORI CLIFTON
GAYJIKIAN, SAMUEL AND HAZEL	BRENT PETERSON	HILARIDES 1998 REVOCABLE FAMILY TRUST	FRANK HILARIDES
GENON CALIFORNIA SOUTH, LP	JEFFREY EDWARDS	HILL FAMILY TRUST AND HILL'S RANCH, INC.	KATHERINE HILL
GOLDEN STATE WATER COMPANY		HITCHIN LUCERNE, INC.	ANNE ROARK
GOLF INVESTMENTS LLC	MANOUCHER SARBAZ	HO, TING-SENG AND AH-GIT	TING-SENG AND AH-GIT HO

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HOLLISTER, ROBERT H. AND RUTH M.	JOAN ROHRER	LAKE WAIKIKI	NANCY LAN
HOLWAY JEFFREY R AND PATRICIA GAGE	JEFFREY R HOLWAY AND PATRICIA GAGE	LAKE WAINANI OWNERS ASSOCIATION	C/O J.C. UPMC, INC. LORI RODGERS
HOLWAY, JEFFREY R	JEFFREY R HOLWAY	LAM, PHILLIP	PHILLIP LAM
HOLY HEAVENLY LAKE, LLC	KATHERINE K. HSU	LANGLEY, JAMES	JAMES LANGLEY
HONG, PAUL B. AND MAY	PAUL HONG	LANGLEY, JAMES - INDUSTRIAL	JAMES LANGLEY
HOOD FAMILY TRUST	SANDRA D. HOOD	LAVANH, ET AL.	VANESSA LAOSY
HORTON FAMILY TRUST	BARRY HORTON	LAWRENCE, WILLIAM W.	ROBERT LAWRENCE JR.
HUBBARD, ESTER AND MIZUNO, ARLEAN	ESTER HUBBARD	LAWSON, ERNEST AND BARBARA	ERNEST AND BARBARA LAWSON
HUERTA, HECTOR	PAUL JOHNSON	LEE, ANNA K. AND ESHBAN K.	ANNA K. LEE
HUNT, CONNIE	CONNIE HUNT	LEE, DOO HWAN	DOO HWAN LEE
HUNT, RALPH M. AND LILLIAN F.	RALPH HUNT	LEE, ET AL., SEPOONG AND WOO POONG	SEPOONG & WOO POONG LEE
HYATT, JAMES AND BRENDA	BRENDA HYATT	LEE, VIN JANG T.	VIN JANG T. LEE
IM, NICHOLAS NAK-KYUN	NICHOLAS NAK-KYUN IM	LEM, HOY	VIRGINIA JANOVSKY
IRVIN, BERTRAND W.	BERTRAND W. IRVIN	LENHERT, RONALD AND TONI	RONALD AND TONI LENHERT
JACKS, JAMES F.	JAMES F. JACKS	LHC ALLIGATOR, LLC	BRAD FRANCKE
JACKSON, JAMES N. JR REVOCABLE LIVING TRUST	JAMES JACKSON JR.	LIANG, YUAN - I AND TZU - MEI CHEN	BILLY LIANG
JACKSON, RAY REVOCABLE TRUST NO. 45801	LAWRENCE DEAN	LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	ERIC LARSEN
JAMBOREE HOUSING CORPORATION	AUDREY GOLLER	LIBERTY UTILITIES (APPLE VALLEY RANCHOS WATER) CORP.	ERIC LARSEN
JESS RANCH WATER COMPANY	GARY A. LEDFORD	LIN, KUAN JUNG AND CHUNG, DER-BING	JAMES LIN
JOHNSON, CARLEAN F. TRUST DATED 10/29/2004	CYNTHIA MAHONEY	LO, ET AL.	MANSHAN GAN
JOHNSON, PAUL - INDUSTRIAL	PAUL JOHNSON	LOCKHART LAND HOLDING, LLC	NEAL DAVIES
JOHNSON, RONALD	RONALD JOHNSON	LOPEZ, BALTAZAR	PATRICIA MIRANDA
JOHNSTON, HARRIET AND JOHNSTON, LAWRENCE W.	LAWRENCE W. JOHNSTON	LOW, DEAN	DEAN LOW
JONES TRUST DATED MARCH 16, 2002	MAGDALENA JONES	LUA, MICHAEL T. AND DONNA S.	MICHAEL T. AND DONNA S. LUA
JORDAN FAMILY TRUST	PAUL JORDAN	LUCERNE VALLEY MUTUAL WATER COMPANY	GWEN L. BEDICS
JUBILEE MUTUAL WATER COMPANY	RAY GAGNÉ	LUCERNE VALLEY PARTNERS	MANOUCHER SARBAZ
JUNIPER RIVIERA COUNTY WATER DISTRICT	LEE LOGSDON	LUCERNE VALLEY UNIFIED SCHOOL DISTRICT	PETER LIVINGSTON
KANESAKA, KENJI AND YUKARI	KENJI AND YUKARI KANESAKA	LUCERNE VISTA MUTUAL WATER COMPANY	MARIAN VALENT
KARIMI, HOOSHANG	ASH KARIMI	M BIRD CONSTRUCTION	EUGENE R. & VICKIE R. BIRD
KASNER FAMILY LIMITED PARTNERSHIP	ROBERT R. KASNER	M.B. LANDSCAPING AND NURSERY, INC.	MARIA MARTINEZ
KASNER FAMILY LIMITED PARTNERSHIP	ROBERT R. KASNER	MAHJOUBI, AFSAR S.	ROBERT SAIDI
KASNER, ROBERT	ROBERT KASNER	MANNING, SHARON S.	JIMMY BERRY
KATCHER, AUGUST M. AND MARCELINE	MARTIN A AND MERCEDES KATCHER	MARCROFT, JAMES A. AND JOAN	ALLEN MARCROFT
KEMP, ROBERT AND ROSE	ROBERT AND ROSE KEMP	MARIANA RANCHOS COUNTY WATER DISTRICT	JAMES M. HANSEN, JR.
KEMPER CAMPBELL RANCH	PEGGY SHAUGHNESSY	MARSHALL, CHARLES	CHARLES MARSHALL
KIM, JIN S. AND HYUN H.	JIN S. AND HYUN H. KIM	MARTIN, MICHAEL D. AND ARLENE D.	MICHAEL D. AND ARLENE D. MARTIN
KIM, JOON HO AND MAL BOON REVOCABLE TRUST	ALAN AND ANNETTE DE JONG	MCCOLLUM, CHARLES L.	ROD SEXTON
KIM, JU SANG	JU SANG KIM	MCKINNEY, PAULA	PAULA MCKINNEY
KIM, SEON JA	SEON JA KIM	MEAD FAMILY TRUST	OLIVIA L. MEAD
KOERING, RICHARD AND KOERING, DONNA	RICHARD KOERING	MILBRAT, IRVING H.	DAVID I. MILBRAT
LAKE ARROWHEAD COMMUNITY SERVICES DISTRICT	CATHERINE CERRI	MILLER LIVING TRUST	DONNA MILLER
LAKE JODIE PROPERTY OWNERS ASSOCIATION	CLAIRE CABREY	MITSUBISHI CEMENT CORPORATION	DAVID RIDDLE

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OWNER	DESIGNEE	OWNER	DESIGNEE
MIZRAHIE, ET AL.	PHILIP MIZRAHIE	PRICE, DONALD AND RUTH	DONALD AND RUTH PRICE
MLH, LLC	THOMAS A. HRUBIK	PRUETT, ANDREA	ANDREA PRUETT
MOJAVE DESERT LAND TRUST	SARAH BLISS	QUAKENBUSH, SAMUEL R.	SAMUEL R. QUAKENBUSH
MOJAVE SOLAR, LLC	MAHNAZ GHAMATI	QUIROS, FRANSISCO J. AND HERRMANN, RONALD	RON HERRMANN
MOJAVE WATER AGENCY	DOUG KERNS	RANCHERITOS MUTUAL WATER COMPANY	ELIZABETH MURENA
MOJAVE WATER AGENCY	DOUG KERNS	REED, MIKE	MICHAEL A. REED
MOJAVE WATER AGENCY	DOUG KERNS	REIDO FARMS, LLC	BRIAN C. VAIL
MONACO INVESTMENT COMPANY	MANOUCHER SARBAZ	RHEE, ANDREW N.	ANDREW N. RHEE
MORRIS TRUST, JULIA V.	KEN ELLIOT	RICE, HENRY C. AND DIANA	KELLY RICE
MOSS, LAWRENCE W. AND HELEN J.	LAWRENCE W. AND HELEN J. MOSS	RIM PROPERTIES, LLC	IAN BRYANT
MOST FAMILY TRUST	BRADFORD RAY MOST	RIOS, MARIANO V.	JOSIE RIOS
MULLIGAN, ROBERT AND INEZ	DENNIS HILLS	RIVERO, FIDEL V.	FIDEL V. RIVERO
MURPHY, JEAN	JEAN MURPHY	RIZVI, S.R ALI	S.R ALI RIZVI
MUSIC, ZAJO	ZAJO MUSIC	ROBERTSON'S READY MIX	BILL TAYLOR OR PROPERTY MNGR
NAVAJO MUTUAL WATER COMPANY	JAMES HANSEN	ROBERTSON'S READY MIX	JACKIE MCEVOY
NEW SPRINGS LIMITED PARTNERSHIP	BILLY LIANG	ROBERTSON'S READY MIX	JACKIE MCEVOY
NEWBERRY COMMUNITY SERVICES DISTRICT	JODI HOWARD	ROBERTSON'S READY MIX	JACKIE MCEVOY
NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	JEFF GAASTRA	ROSSI FAMILY TRUST, JAMES LAWRENCE ROSSI AND NAOMI	SUSAN SOMMERS
NORRIS TRUST, MARY ANN	MARY ANN NORRIS	ROYAL WAY	ROBERT VEGA
NSSLC, INC.	KENTON EATHERTON	RUE RANCH, INC.	SAM MARICH
NUÑEZ, LUIS SEGUNDO	LUIS SEGUNDO NUÑEZ	RUISCH TRUST, DALE W. AND NELLIE H.	DALE W. RUISCH
NUNN FAMILY TRUST	PEARL OR GAIL NUNN	S AND B BROTHERS, LLC	SHERWIN SHORAKA
O. F. D. L., INC.	JEFF GAASTRA	S AND E 786 ENTERPRISES, LLC	JAFAR RASHID
OASIS WORLD MISSION	CHUN SOO AHN	SABA FAMILY TRUST DATED JULY 24, 2018	SARA FORTUNA
ODESSA WATER DISTRICT	KODY TOMPKINS	SAGABEAN-BARKER, KANOELOKELANI L.	KANOE BARKER
OHAI, REYNOLDS AND DOROTHY	DOROTHY OHAI	SAMRA, JAGTAR S.	JAGTAR S. SAMRA
OMYA CALIFORNIA, INC.	CRAIG MAETZOLD	SAN BERNARDINO CO BARSTOW - DAGGETT AIRPORT	
OOSTDAM FAMILY TRUST, JOHN P. AND MARGIE K.	JOHN P. OOSTDAM	SAN BERNARDINO COUNTY - HIGH DESERT DETENTION CENTER	JARED BEYELER
ORO GRANDE SCHOOL DISTRICT	NICK HIGGS	SAN BERNARDINO COUNTY SERVICE AREA 29	
P AND H ENGINEERING AND DEVELOPMENT CORPORATION	TAGHI SHORAKA	SAN BERNARDINO COUNTY SERVICE AREA 42	JARED BEYELER
PACIFIC GAS AND ELECTRIC COMPANY	JESSICA BAILS	SAN BERNARDINO COUNTY SERVICE AREA 64	JARED BEYELER
PAK, KAE SOO AND MYONG HUI KANG	KAE SOO AND MYONG HUI KANG PAK	SAN BERNARDINO COUNTY SERVICE AREA 70J	JARED BEYELER
PATINO, JOSÉ	JOSÉ PATINO	SCRAY, MICHELLE A. TRUST	MICHELLE SCRAY
PAUSTELL, JOAN BEINSCHROTH	JOAN BEINSCHROTH PAUSTELL	SEXTON, RODNEY A. AND SEXTON, DEREK R.	ROD SEXTON
PEARCE, CRAIG L.	CRAIG L. PEARCE	SHEEP CREEK WATER COMPANY	JOSEPH TAPIA
PERKO, BERT K.	BERT K. PERKO	SHENG, JEN	JEN SHENG
PETTIGREW, DAN	DAN PETTIGREW	SHEPPARD, THOMAS AND GLORIA	DAN SHEPPARD
PHELAN PIÑON HILLS COMMUNITY SERVICES DISTRICT	SEAN WRIGHT	SHORT, JEROME E.	JEROME E. SHORT
POLAND, JOHN R. AND KATHLEEN A.	JOHN POLAND	SILVER LAKES ASSOCIATION	CARLOS BANUELOS
POLICH, DONNA	DONNA POLICH	SINGH, ET AL.	NEPAL SINGH
PORTER, TIMOTHY M.	TIMOTHY M. PORTER	SMITH, DENISE DBA AMEREQUINE BEAUTY, INC	DENISE SMITH
PRECISION INVESTMENTS SERVICES, LLC	CARIN MCKAY	SMITH, PORTER AND ANITA	PORTER AND ANITA SMITH

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SNOWBALL DEVELOPMENT, INC.	STEVE KIM	VICTOR VALLEY COMMUNITY COLLEGE DISTRICT	JOHN NAHLEN
SON'S RANCH	CHAN KYUN SON	VICTOR VALLEY MEMORIAL PARK	JADE KIPHEN
SOUTHERN CALIFORNIA EDISON COMPANY	ERIKA CLEMENT	VICTORVILLE WATER DISTRICT, ID#1	ARNOLD VILLARREAL
SOUTHERN CALIFORNIA GAS COMPANY	CHRISTIAN PRECIADO	VICTORVILLE WATER DISTRICT, ID#2	ARNOLD VILLARREAL
SPECIALTY MINERALS, INC.	JOSE GARCIA	VOGLER, ALBERT H.	ALBERT H. VOGLER
SPERRY, WESLEY	WESLEY SPERRY	WAGNER LIVING TRUST	JOAN WAGNER
SPILLMAN, JAMES R. AND NANCY J.	JAMES R. AND NANCY J. SPILLMAN	WAKULA FAMILY TRUST	CHRISTIAN JOSEPH WAKULA
SPRING VALLEY LAKE ASSOCIATION	ERIC MILLER	WANG, STEVEN	STEVEN WANG
SPRING VALLEY LAKE COUNTRY CLUB	JOE TROMBINO	WARD, RAYMOND	RAYMOND WARD
ST. ANTONY COPTIC ORTHODOX MONASTERY	FATHER SARAPAMON	WEEMS, LIZZIE	LIZZIE WEEMS
STARKE, GEORGE A. AND JAYNE E.	GEORGE A. AND JAYNE E. STARKE	WEERAISSINGHE, MAITHRI N.	MAITHRI N. WEERAISSINGHE
STORM, RANDALL	RANDALL STORM	WERNER, ANDREW J.	ANDREW J. WERNER
SUDMEIER, GLENN W.	GLENN W. SUDMEIER	WEST END MUTUAL WATER COMPANY	CINDY SACKS
SUMMIT VALLEY RANCH, LLC	ALEXANDRA LIOANAG	WEST, HOWARD AND SUZY	HOWARD AND SUZY WEST
SUNDOWN LAKES, INC.	ALEX VIENNA	WEST, JIMMIE E.	JIMMIE E. WEST
SUNRAY LAND COMPANY, LLC	STEPHEN H. DOUGLAS	WESTERN DEVELOPMENT AND STORAGE, LLC	NICK GATTI
SYNAGRO-WWT, INC. (DBA NURSURY PRODUCTS, LLC)	VENNY VASQUEZ	WESTERN HORIZON ASSOCIATES, INC.	CHUNG CHO GONG
SZYNKOWSKI, RUTH J.	RUSSELL SZYNKOWSKI	WESTERN WATER COMPANY	WILMA SILVERIA
TALLAKSON FAMILY REVOCABLE TRUST	BILL AND ELIZABETH TALLAKSON	WESTLAND INDUSTRIES, INC.	GENARO ZAPATA
TAPIE, RAYMOND L.	RAYMOND L. TAPIE	WET SET, INC.	THOMAS G. FERRUZZO
TAYLOR, SHARON L.	SHARON L. TAYLOR	WIENER, MELVIN AND MARIAM S.	MELVIN AND MARIAM S. WIENER
TEISAN, JERRY	JERRY TEISAN	WILSHIRE ROAD PARTNERS	MANOUCHER SARBAZ
TELLEZ, ET AL.		WITHEY, CONNIE	CONNIE TAPIE
THAYER, SHARON	DARYL OR LUCINDA LAZENBY	WITTE, E. DANIEL AND MARCIA	E. DANIEL AND MARCIA WITTE
THOMAS, STEPHEN AND LORI	STEPHEN THOMAS	WLSR, INC.	MARK J. CLUFF
THOMPSON LIVING TRUST, JAMES A. AND SULA B.	LYNNETTE L. THOMPSON	WORSEY, JOSEPH A. AND REVAE	DAVID A. WORSEY
THOMPSON LIVING TRUST, R.L. AND R.A.	RODGER THOMPSON	YANG, ZILAN	ZILAN YANG
THRASHER, GARY	GARY THRASHER		
THUNDERBIRD COUNTY WATER DISTRICT	DOUG HEINRICHS		
TRANSAMERICA FIN'L SVC - SPEARS, LARRY B. AND ERLINDA			
TRIPLE H PARTNERSHIP	JIM HOOVER		
TROEGER FAMILY TRUST, RICHARD H.	MIKE TROEGER		
TURNER, TERRY	TERRY TURNER		
UNION PACIFIC RAILROAD COMPANY	AURELIO IBARRA		
UPPAL, GAGAN	GAGAN UPPAL		
VAAGE, GAGE V.	GAGE V. VAAGE		
VACA, ANDY AND TERESITA S.	ANDY AND TERESITA S. VACA		
VAN BASTELAAR, ALPHONSE	DEAN VAN BASTELAAR		
VAN DAM FAMILY TRUST, GLEN AND JENNIFER	GLEN AND JENNIFER VAN DAM		
VAN LEEUWEN TRUST, JOHN A. AND IETIE	JACOB BOOTSMA		
VANDER DUSSEN TRUST, AGNES AND EDWARD	MITCH HAMMACK		
VERNOLA TRUST, PAT AND MARY ANN	JOHN DRISCOLL		

APPENDIX K

PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT

2023-24 WATER YEAR

APPENDIX K

APRIL 23, 2025

PERMANENT TRANSFERS OF BASE ANNUAL PRODUCTION RIGHT
WATER YEAR 2023-24
(ALL AMOUNTS IN ACRE-FEET)

SUBAREA	TRANSFEROR	TRANSACTION						STATUS OF RIGHTS AFTER PERMANENT TRANSFER			
		VERIFIED BASE ANNUAL PRODUCTION	CURRENT BASE ANNUAL PRODUCTION RIGHT (PERCENT)	DATE PROCESSED BY WATERMASTER	TYPE OF TRANSACTION	TRANSFER AMOUNT	TRANSFeree	TRANSFeree		TRANSFEROR	
								VERIFIED BASE ANNUAL PRODUCTION	BASE ANNUAL PRODUCTION RIGHT (PERCENT)	VERIFIED BASE ANNUAL PRODUCTION	BASE ANNUAL PRODUCTION RIGHT (PERCENT)
CENTRO	JONES, JOETTE	22	0.0391	10/25/2023	SALE	22	HELENDALE COMMUNITY SERVICES DISTRICT	349	0.6202	0	0.0000
CENTRO	FEDERAL NATIONAL MORTGAGE ASSOCIATION - FANNIE MAE	30	0.0533	05/22/2024	SALE	30	MOJAVE WATER AGENCY	30	0.0533	0	0.0000
BAJA	GABRYCH, EUGENE	1,637	2.4744	05/22/2024	SALE	1,637	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	1,638	2.4759	0	0.0000
BAJA	IM, NICHOLAS NAK-KYUN	397	0.6001	05/22/2024	SALE	247	CHISRAM, ET AL.	247	0.3734	150	0.2267
BAJA	KASNER FAMILY LIMITED PARTNERSHIP	843	1.2742	05/22/2024	SALE	841	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	2,479	3.7471	2	0.0030
ALTO	MCKINNEY, PAULA	33	0.0283	05/22/2024	SALE	10	HESPERIA WATER DISTRICT	14,541	12.4910	23	0.0198
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	2,479	12.4910	05/22/2024	SALE	841	KASNER FAMILY LIMITED PARTNERSHIP	843	1.2742	1,638	2.4759
ALTO	PAUSTELL, JOAN BEINSCHROTH	142	0.1220	05/22/2024	SALE	10	APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	135	0.1160	132	0.1134
ALTO	THOMPSON LIVING TRUST, R.L. AND R.A.	2	0.0017	05/22/2024	SALE	2	APPLE VALLEY HEIGHTS COUNTY WATER DISTRICT	137	0.1177	0	0.0000
ALTO	WARD, BARBARA	65	0.0558	05/22/2024	SALE	65	TAYLOR, SHARON L.	65	0.0558	0	0.0000
BAJA	CROSS, FRANCIS AND BEVERLY	40	0.0605	07/24/2024	SALE	40	BARTELS, GWENDOLYN J.	40	0.0605	0	0.0000
BAJA	HU, MINSHENG	43	0.0650	07/24/2024	SALE	43	FENG, JINBAO	43	0.0650	0	0.0000
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	1,638	2.4759	09/25/2024	SALE	204	CALICO LAKES HOMEOWNERS ASSOCIATION	1,500	2.2673	1,434	2.1676
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	1,434	2.1676	09/25/2024	SALE	204	CHEYENNE LAKE, INC.	869	1.1315	1,230	1.8592
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	1,230	1.8592	09/25/2024	SALE	204	CRYSTAL LAKES PROPERTY OWNERS ASSOCIATION	1,048	1.5841	1,026	1.5509
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	1,026	1.5509	09/25/2024	SALE	204	LAKE JODIE PROPERTY OWNERS ASSOCIATION	658	0.9946	822	1.2425
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	822	1.2425	09/25/2024	SALE	204	O. F. D. L., INC.	647	0.9780	618	0.9341
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	618	0.9341	09/25/2024	SALE	204	SUNDOWN LAKES, INC.	727	1.0989	414	0.6258
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	414	0.6258	09/25/2024	SALE	204	WET SET, INC.	751	1.1352	210	0.3174
BAJA	NEWBERRY SPRINGS RECREATIONAL LAKES ASSOCIATION	210	0.3174	09/25/2024	SALE	204	WLSR, INC.	675	1.0203	6	0.0091