

2023 Chino Valley Model Update and Required Demonstrations

*Evaluation of the Balance of Recharge and Discharge
Evaluation of the Cumulative Effects of Transfers*

PREPARED FOR

Chino Basin Watermaster



PREPARED BY



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Prepared for

Chino Basin Watermaster

Project No. 941-80-22-11



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Date

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Date

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LIST OF ACRONYMS AND ABBREVIATIONS

af	Acre-Feet
afy	Acre-Feet Per Year
basin	Chino Basin
CVM	Chino Valley Model
DIPAW	Deep Infiltration of Percolation and Applied Water
DYYP	Dry-Year Yield Program
FY	Fiscal Year
MPI	Material Physical Injury
MWD	Metropolitan Water District
MZ	Management Zone
OBMP	2000 Optimum Basin Management Program
RMPU	Recharge Master Plan Update

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SSC	Safe Storage Capacity
VOCs	Volatile Organic Compounds
Watermaster	Chino Basin Watermaster
WEI	Wildermuth Environmental Inc.
WY	West Yost

2023 Chino Valley Model Update and Required Demonstrations

1.0 INTRODUCTION

1.1 Background and Objectives

The 2000 Optimum Basin Management Program (OBMP)¹ identified several management goals for the Chino Basin (basin), including: *Goal 1—Enhance Basin Water Supplies* and *Goal 3—Enhance Management of the Basin*. The OBMP also recognized several impediments to achieving the management goals. Some of these impediments are related to the imbalance of recharge and discharge within the basin and transfers of storage and/or unused water rights between parties. An imbalance of recharge and discharge can result in declining groundwater levels, which can in turn result in adverse consequences such as loss of groundwater pumping capacity and land subsidence. Transfers can decrease the volumes of wet-water recharge to the basin, which can result in declining groundwater levels, loss of groundwater pumping capacity, and land subsidence. The Peace Agreement² defines these adverse consequences as Material Physical Injury (MPI).

Pursuant to the Peace Agreement, the parties agreed that Chino Basin Watermaster (Watermaster) must approve the recharge of supplemental water and all transfers of stored water and unused water rights by the parties. In carrying out its duties to approve recharge and transfers, Section 5.1 of the Peace Agreement requires the Watermaster to exercise “Best Efforts” in its performance, including, among others:

- (i) Protect and enhance the Safe Yield of the basin through replenishment and recharge. (Peace Agreement, section 5.1(e)(i).)
- (ii) Direct recharge relative to groundwater pumping to achieve long-term balance and to promote the goal of equal access to groundwater in each area and subarea of the basin. (Peace Agreement, section 5.1(e)(iii).)
- (iii) Direct recharge to areas of the basin where groundwater levels have declined to such an extent that there is an imminent threat of Material Physical Injury (MPI) to any Judgment party or the basin. (Peace Agreement, section 5.1(e)(vii).)
- (iv) Evaluate the potential for MPI that may result from the transfer of stored water or unused water rights that reduces wet-water recharge. (Peace Agreement, section 5.1(e)(iv).)

To implement Section 5 of the Peace Agreement, the Watermaster’s Rules and Regulations³ require an evaluation and preparation of a report once every two years on the following:

- (i) ***The evaluation of the balance of recharge and discharge in all areas and subareas of the Chino Basin.*** The results of this evaluation can provide guidance for Watermaster to

¹ [OBMP Phase I Report](#)

² Section 1.1 (y) of the [Peace Agreement](#)

³ Sections 9.3 and 7.1(b)(iii), (iv) of the [Rules and Regulations](#)

direct the locations and magnitude of recharge to promote the goal of equal access to groundwater in all areas and subareas of the Chino Basin.⁴

- (ii) ***The evaluation of the cumulative effects of transfers.*** The results of this evaluation can provide guidance for Watermaster to direct the locations and magnitude of recharge and/or approve transfers.⁵

This report, *2023 Chino Valley Model Update and Required Demonstrations*, constitutes the required evaluations described in sections 7.1(b)(iii) and (iv) and 9.3 of the Rules and Regulations and therefore fulfills all applicable requirements of Section 5.1(e) of the Peace Agreement for 2023.

1.1.1 Watermaster's Current Practices for Directing Recharge

The 2018 Recharge Master Plan Update (2018 RMPU) (Wildermuth Environmental Inc. [WEI], 2018)⁶ documents the current recommendations that Watermaster considers when planning supplemental recharge:

"WEI's recommendation to Watermaster regarding the location and magnitude of supplemental water recharge for replenishment has been to maximize recharge to MZ-1 up to its spreading capacity, then to maximize recharge in MZ-3 up to its recharge capacity, and then to recharge in MZ-2. This strategy was developed during the [2013] safe yield recalculation and subsequently reevaluated in the Storage Framework Investigation. Given that the long-term land subsidence management plan for Northwest MZ-1 has not yet been completed and there are no projected recharge-related pumping sustainability challenges that can be practically mitigated through recharge, the existing strategy and the facilities on which it relies are sufficient at least until the next RMPU occurs in 2023. This includes continuing the recharge of 6,500 afy of supplemental water in MZ-1 until the next RMPU occurs in 2023." (p. 5-3)

This recommendation was based on the modeling work performed in the 2018 Storage Framework Investigation Report (WEI, 2019).⁷

1.1.2 Watermaster's Current Practices for Reviewing and Approving Transfers

Watermaster's current process for reviewing and approving transfers follows the actions and authority outlined in Section 5.3 of the Peace Agreement, including:

- Ensuring that all transfers are consistent with the Peace Agreement and will not cause any MPI to a party or the basin. Watermaster's assessment of potential MPI due to an individual transfer typically relies on the "rebuttable presumption that the Transfer and the Production by the transferee does not result in [MPI]..." as stated in Section 5.3(b)(iii) of the Peace Agreement.
- Providing "reasonable advance written notice" to the parties of the proposed transfer. Watermaster includes a notice of a proposed transfer in the monthly meetings of (i) the

⁴ Section 7.1 (b) (iii) and (iv) of the Rules and Regulations; Section 5.1 (e) (iii) of the Peace Agreement; and page 20, paragraph 9(i) of the [OBMP Implementation Plan](#).

⁵ Section 5.1 (e) (iv) of the Peace Agreement; Section 9.3 of the Rules and Regulations; and page 21, paragraph 11(d) of the [OBMP Implementation Plan](#).

⁶ [2018 Recharge Master Plan Update](#)

⁷ [2018 Storage Framework Investigation Report](#)

Pool Committees, requesting provide advice and assistance to the Advisory Committee; (ii) the Advisory Committee, requesting advice and assistance to the Board; and (iii) the Board, requesting approval of the transfer following the advice and assistance of the Pool Committees and the Advisory Committee.

During the initial phases of OBMP implementation, Watermaster identified that transfers or leases of water rights and stored water from parties outside of MZ-1 to parties pumping from MZ-1 to avoid replenishment obligations have the potential to cause MPI.⁸

1.2 Methods

Both evaluations were performed by analyzing the results of computer-simulation groundwater-flow modeling of the Chino Basin over a historical period of OBMP implementation. The groundwater-flow model that was used is Watermaster’s 2020 version of the Chino Valley Model (CVM). Figure 1-1 shows the boundaries of the CVM domain, the OBMP management zone (MZ) boundaries, water service areas, Appropriative Pool and Chino Desalter Authority (CDA) pumping wells, and flood control and conservation basins.

1.2.1 Evaluation of the Balance of Recharge and Discharge

The evaluation of the balance of recharge and discharge was analyzed over the historical period of fiscal year (FY) 2001 through FY 2022. The CVM was last calibrated through FY 2018 as documented in Section 6 of the 2020 Safe Yield Recalculation Report (WEI, 2020).⁹ The CVM was extended and simulated through FY 2022 by updating the input data for historical hydrology, managed aquifer recharge, and pumping. The CVM output files quantify the recharge and discharge components in each MZ, comprising the water budget for each MZ. These water budget estimates were then analyzed to evaluate the balance of recharge and discharge in each MZ. In addition to the CVM results, the measured groundwater levels across the basin are reviewed to provide a deeper understanding of the effect of recharge and discharge patterns across the basin. Based on the simulated water budgets and groundwater levels, recommendations are developed for Watermaster to consider when directing future supplemental water recharge.

1.2.2 Cumulative Effect of Transfers

The evaluation of the cumulative effects of transfers is completed using the following method:

- First, the historical transfers that resulted in avoided wet-water replenishment are quantified for the period of FY 2001 through 2022. The Watermaster Assessment Packages are used to calculate the avoided wet-water replenishment by party by year.
- Second, a “revised historical” model scenario is simulated using the CVM. The revised historical scenario is identical to the historical scenario used in the evaluation of the balance of recharge and discharge, except it assumed that avoided wet-water replenishment was recharged in the MZ(s) underlying the transferee’s service area.

⁸ WEI. 2007. *Monte Vista Water District lease of West Valley Water District production rights in the Chino Basin for fiscal year 2006/07*. Prepared for the Chino Basin Watermaster, April 2007.

⁹ [2020 Safe Yield Recalculation Final Report](#)

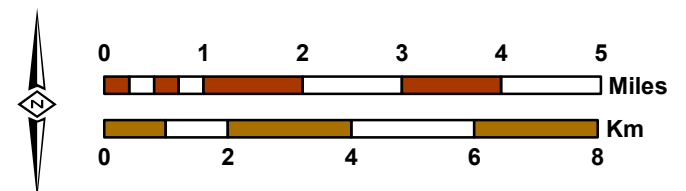
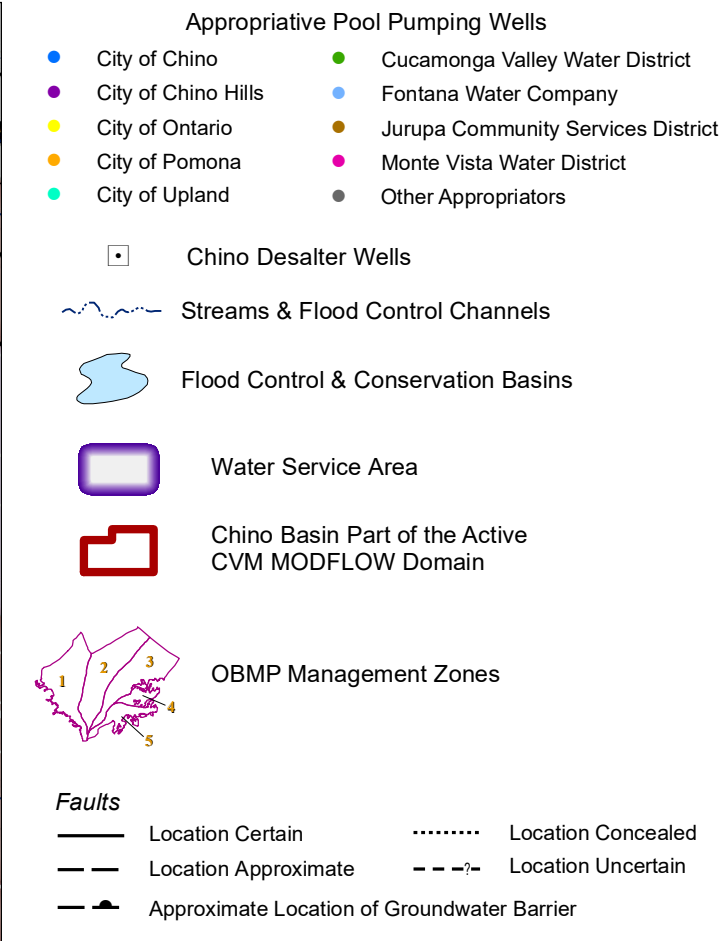
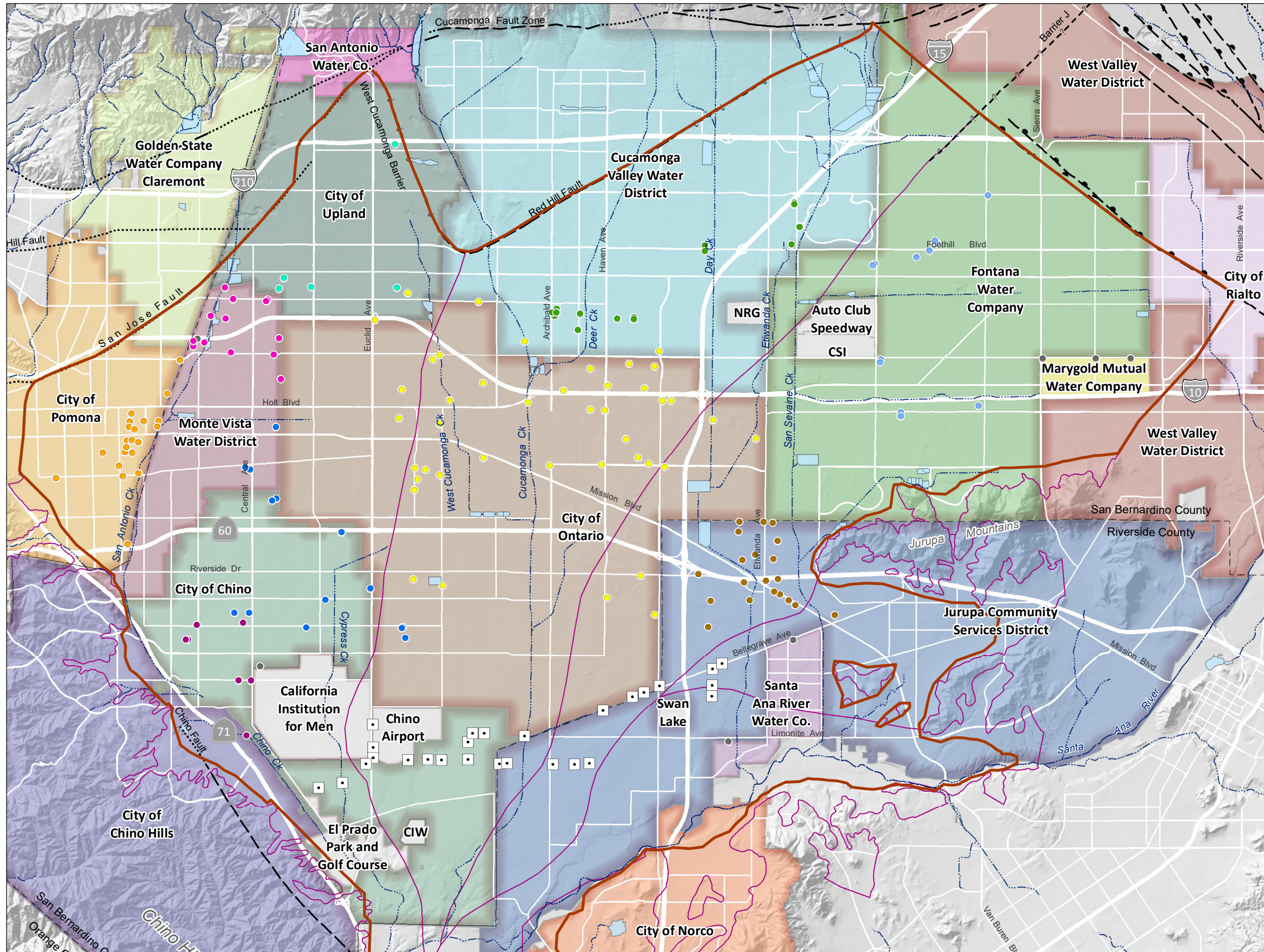
- Finally, the impacts of the revised historical scenario on the basin are compared to the historical scenario to determine the potential MPI and/or adverse impacts that may have resulted from avoided wet-water replenishment. The criteria that are used to evaluate MPI and adverse impacts are identical to those documented in the 2023 Storage Framework Investigation (West Yost [WY], 2023a),¹⁰ comprising the following:
 - Change in net recharge and Safe Yield (adverse impact)
 - Change in groundwater levels (MPI)
 - Change in pumping sustainability (MPI)
 - Change in new land subsidence (MPI)
 - Change in the state of Hydraulic Control (adverse impact)
 - Change in speed and direction of known plumes (MPI)

1.3 Report Organization

This report consists of three Sections including Section 1 Introduction and the following:

- **Section 1 Introduction** – This section describes the background, objectives, and methods for the 2023 Chino Valley Model Update and Required Demonstrations report.
- **Section 2 Balance of Recharge and Discharge** – This section describes the balance of recharge and discharge in each MZ of the Chino Basin and discusses trends and implications.
- **Section 3 Cumulative Effects of Transfers for Fiscal Years 2001 through 2022** – This section describes the model-estimated cumulative effects that transfers between Appropriative Pool parties has had on the basin and discusses the potential MPI and adverse impacts caused by transfers.
- **Appendix A** – Annual Water Production Summaries for the Appropriative Pool Parties, 2001-2022
- **Appendix B** – Annual Water Production Summaries for the Appropriative Pool Parties without Transfers, 2001-2022

¹⁰ West Yost. 2023. *2023 Storage Framework Investigation*. Prepared for the Chino Basin Watermaster, May 2023.





2.0 BALANCE OF RECHARGE AND DISCHARGE

2.1 Results

Table 2-1 shows an annual accounting of the total recharge, discharge, and change in storage in MZ-1, MZ-2, MZ-3, and the total of MZ-4 and MZ-5 for the historical period (FY 2001 through 2022). Figure 2-1 is a time-series chart of the cumulative change in storage for each MZ and the total cumulative change for the basin.

The cumulative change in storage in the Chino Basin over the historical period was about -290,000 acre-feet (af). Storage in MZ-2, MZ-3, and MZ-4/5 declined steadily over the historical period. Storage in MZ-1 fluctuated but remained generally stable over the period; the cumulative change in storage in MZ-1 over the historical period increased by about 7,500 af.

Figure 2-2 shows the change in groundwater levels in the Chino Basin from FY 2001 to FY 2022 derived from monitoring data. Groundwater levels have increased in most of MZ-1 and some of the southern portion of MZ-2. Groundwater levels have declined in the central and eastern portions of the basin. These changes in groundwater levels are consistent with the modeling results presented in Table 2-1. The decline in groundwater levels around the CDA well field (southern MZ-2 and MZ-3) are the result of the controlled overdraft through Re-Operation that is used to achieve Hydraulic Control in the basin.

2.2 Discussion

The historical balance of recharge and discharge in the Chino Basin and within each MZ is influenced by: the historical hydrologic conditions; the effects of Watermaster's actions in implementing the Judgment, Peace Agreements (I and II), and Court orders; the parties' pumping behaviors; and the locations and magnitudes of managed recharge. Each influence is described below.

2.2.1 Hydrologic and Cultural Conditions

The period of FY 1999 through 2018 was the driest 20-year period on record in the Chino Basin¹¹ (WY, 2023b).¹² This combined with the increased shift from agriculture to urbanization has reduced the deep infiltration of precipitation and applied water (DIPAW) in the Chino Basin, a major component of recharge. Estimated DIPAW peaked in 1984 at about 134,000 acre-feet per year (afy) before steadily declining (except for a few intermittent wet years) to less than 70,000 afy in FY 2018. Estimated DIPAW has remained near 70,000 afy through FY 2022. The estimated storage in the vadose zone reflects this reduction in DIPAW and has dropped by about 300,000 af from the period of FY 2005 through FY 2018 (WEI, 2020). These changes have contributed to the reduction of storage in the Chino Basin over the historical period.

¹¹ The historical record evaluated in the 2022 State of the Basin Report spanned 127 years through FY 2022.

¹² [2022 State of the Basin Report](#)

2.2.2 Approved Overdraft and Managed Storage

The Peace II Agreement called for a "Basin Re-Operation"¹³ to deliberately allow a temporary increase in discharge relative to recharge by purposefully not replenishing pumping by the CDA wells, which resulted in reduced storage and the achievement of Hydraulic Control in the Chino Basin. Basin Re-Operation (and the Accumulated Overdraft¹⁴ stipulated in the Judgment) is a controlled overdraft of the Chino Basin with a corresponding decrease in groundwater levels, particularly around the CDA well field and within MZ-2 and MZ-3.

At the end of FY 2020, the account balance of the Re-Operation water was about 63,800 af compared to the original allocation of 400,000 af at the beginning of FY 2007. Accumulated Overdraft accrued at a rate of 5,000 afy through FY 2017 and ceased thereafter. The sum of Re-Operation water and Accumulated Overdraft resulted in about 421,000 af of planned overdraft in the Chino Basin over the historical period.

During the historical period, the managed storage¹⁵ of the parties increased from about 236,800 af to about 586,300 af over the historical period, an increase of about 349,500 af. This volume of increase in managed storage accounts shows that over 80 percent of the water rights allocated to the parties through Accumulated Overdraft and Re-Operation water remain in managed storage accounts and could be pumped in the future.

2.2.3 Balance of Recharge and Discharge in Individual Management Zones

2.2.3.1 MZ-1

The storage in MZ-1 increased by about 7,500 af during the historical period, which make it the only MZ where storage increased. This was due to the following reasons:

1. The Peace II Agreement requires that 6,500 afy of supplemental water must be recharged in MZ-1 from the onset of the Peace II Agreement (2007) through 2030. In addition, Watermaster prioritizes supplemental water recharge in MZ-1 up to its spreading capacity to address low groundwater levels and ongoing land subsidence (WEI, 2018, p. 5-3). This supplemental water recharge can be for Replenishment, Recharge, and/or for "puts" into Storage and Recovery Programs (e.g., Metropolitan Water District's Dry-Year-Yield Program [DYYP]). Over the historical period, about 196,000 af (8,900 afy) of supplemental water recharge occurred in MZ-1, which was about 50 percent of the total supplemental water recharge in the Chino Basin over that period (WY, 2023b).

¹³ Re-Operation is "the controlled overdraft of the Basin by the managed withdrawal of groundwater for the Desalters." (Exhibit I.2.b, 2012 Chino Basin Restated Judgment)

¹⁴ Accumulated Overdraft is "the overdraft accumulated from and after the effective date of the Physical Solution and resulting from an excess of Operating Safe Yield over Safe Yield." (Exhibit I.3.a, 2012 Chino Basin Restated Judgment). The total amount of Accumulated Overdraft is 200,000 af, which was added to the Operating Safe Yield at a rate of 5,000 afy for FY 1978 through FY 2017.

¹⁵ Managed storage refers to water stored by the parties and other entities and includes Carryover, Local Storage, and supplemental water held in storage accounts by the parties and Storage and Recovery Programs. Local Storage includes Excess Carryover for the Overlying Non-Agricultural Pool parties and Excess Carryover and supplemental waters for the Appropriative Pool and Overlying Non-Agricultural Pool parties.

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2. Pumping has declined in MZ-1 due to poor groundwater quality and subsidence management. Average pumping from FY 2016 through FY 2022 was about 37,400 afy in MZ-1, which is about 10,000 afy less than the annual average pumping from FY 2005 through FY 2015 (WY, 2023b).

In FY 2021 and FY 2022, pumping has increased in MZ-1 due to parties overlying MZ-1 installing treatment for previously contaminated wells and other factors. In addition, much of the increased supplemental water recharge in MZ-1 in recent years is due to the DYYP, the contract for which expires in 2028. The recharge activity in the DYYP is declining, and less supplemental water recharge is expected to occur via the DYYP through the remainder of its contract. The combination of increased discharge and decreased recharge in MZ-1 has led to a decrease of about 15,000 af in storage between FY 2020 and FY 2022. If these trends continue, the rate of land subsidence is likely to increase.

2.2.3.2 MZ-2 and MZ-3

The storage in MZ-2 and MZ-3 decreased by about 128,000 af and 137,000 af, respectively, over the historical period. This decrease was primarily due to the dry hydrologic conditions and Approved Overdraft mentioned above, as well as the following reasons:

1. 90 percent of the water rights transferred to avoid wet-water replenishment obligations since FY 2001 were to parties overlying MZ-2 or MZ-3.¹⁶ A portion of these transferred water rights originated from parties overlying MZ-1. Since these transfers resulted in an avoided replenishment obligation, water rights transferred from MZ-1 to MZ-2/MZ-3 resulted in increased discharge (i.e., pumping) relative to recharge in MZ-2 and MZ-3.
2. While most of the supplemental water recharge for the DYYP occurred in MZ-1, most of the withdrawals from DYYP occurred in MZ-2 or MZ-3. For example, Cucamonga Valley Water District and Fontana Water Company withdrew a total of 63,300 af from the DYYP account from FY 2020 through FY 2022, all via wells located in MZ-2 and MZ-3.

2.3 Recommendations

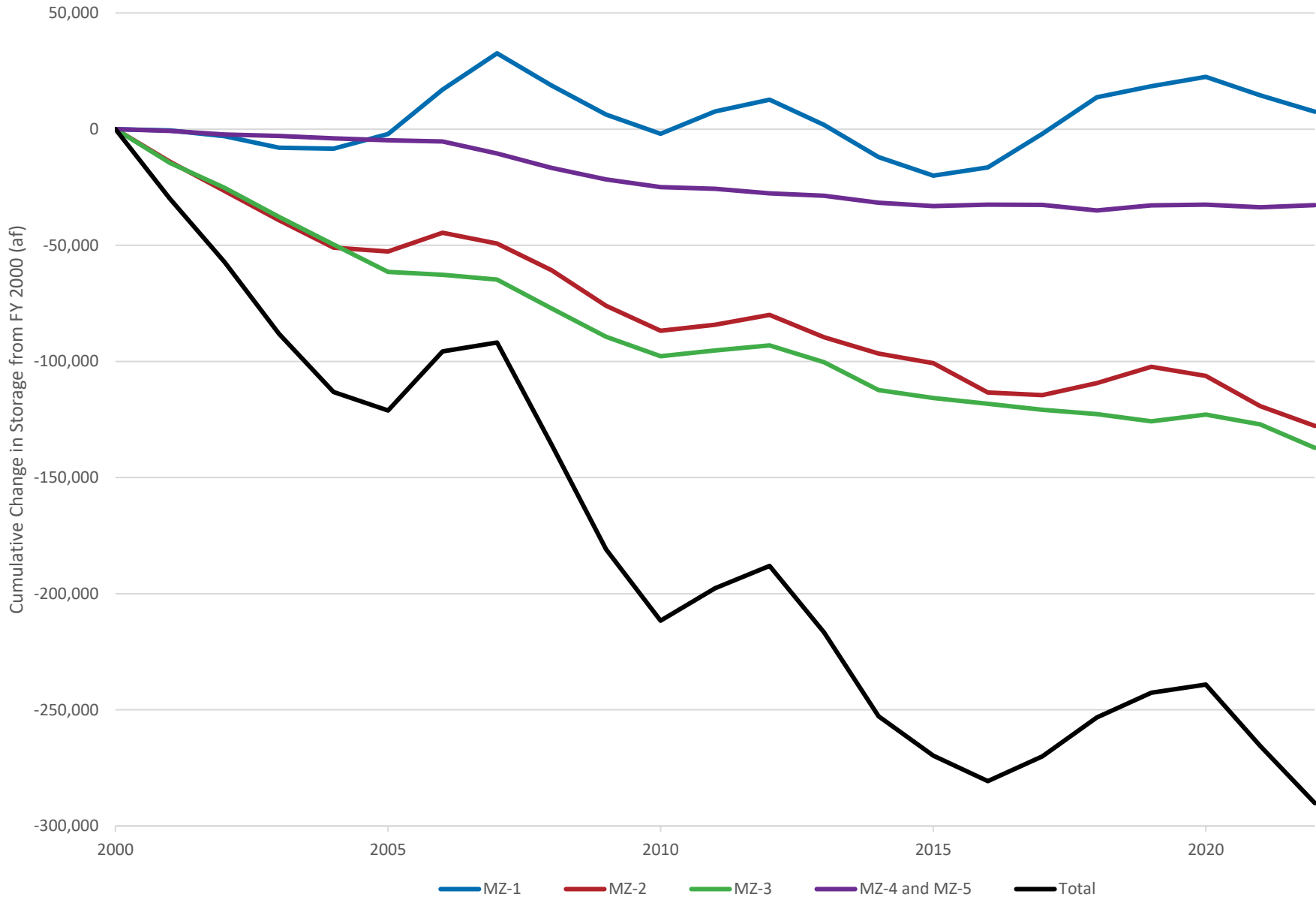
Based on the basin conditions and trends discussed above, we recommend that Watermaster (i) continue following the existing strategy for directing supplemental water recharge and (ii) complete the *Subsidence Management Plan for Northwest MZ-1*, which will include recommendations for Watermaster to consider when directing supplemental water recharge.

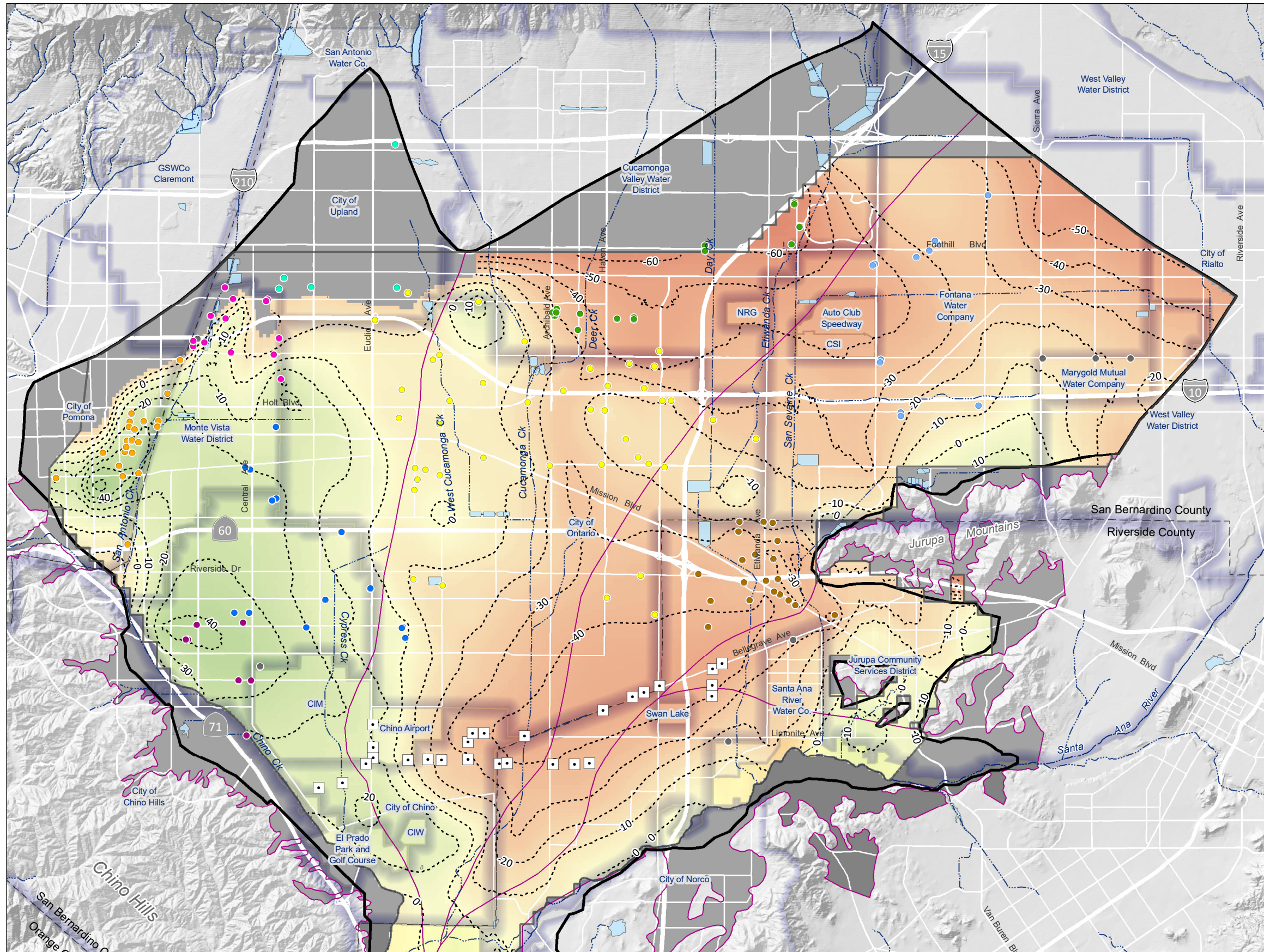
¹⁶ See Section 3 and Table 3-4.

Table 2-1. Balance of Recharge and Discharge in OBMP Management Zones
(af)

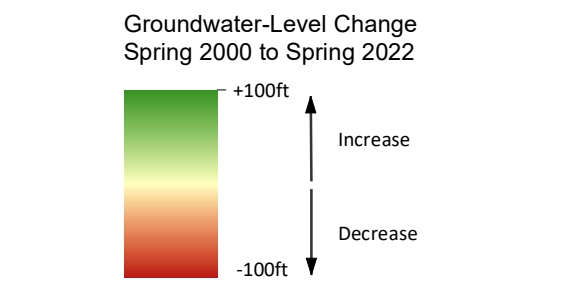
FY	MZ1				MZ2				MZ3				MZ4 and MZ5				Total	
	Total Recharge	Total Discharge	Change in Storage	Cumulative Change in Storage	Total Recharge	Total Discharge	Change in Storage	Cumulative Change in Storage	Total Recharge	Total Discharge	Change in Storage	Cumulative Change in Storage	Total Recharge	Total Discharge	Change in Storage	Cumulative Change in Storage	Change in Storage	Cumulative Change in Storage
2001	70,281	70,831	-549	-549	76,676	90,682	-14,006	-14,006	61,992	76,558	-14,566	-14,566	40,660	41,434	-774	-774	-29,895	-29,895
2002	66,026	68,510	-2,484	-3,033	77,602	90,197	-12,595	-26,600	60,681	71,404	-10,723	-25,289	39,387	40,939	-1,552	-2,326	-27,353	-57,248
2003	66,501	71,517	-5,016	-8,049	78,687	91,359	-12,672	-39,273	64,484	77,023	-12,539	-37,828	40,557	41,194	-637	-2,963	-30,864	-88,112
2004	64,398	64,761	-363	-8,412	77,342	89,101	-11,759	-51,031	63,091	74,954	-11,863	-49,691	39,510	40,542	-1,032	-3,995	-25,017	-113,129
2005	72,334	66,074	6,260	-2,152	89,575	91,224	-1,649	-52,680	65,381	77,176	-11,795	-61,485	41,574	42,356	-782	-4,777	-7,967	-121,095
2006	78,837	59,678	19,159	17,007	98,588	90,565	8,022	-44,658	69,312	70,520	-1,208	-62,694	39,622	40,182	-559	-5,337	25,414	-95,681
2007	78,236	62,602	15,633	32,640	86,370	90,954	-4,584	-49,243	75,298	77,375	-2,077	-64,771	39,826	44,983	-5,157	-10,494	3,815	-91,866
2008	57,657	71,502	-13,845	18,796	77,955	89,472	-11,518	-60,760	74,945	87,405	-12,461	-77,231	42,487	48,650	-6,163	-16,657	-43,987	-135,853
2009	57,488	70,070	-12,582	6,214	74,199	89,511	-15,312	-76,072	70,202	82,398	-12,196	-89,427	44,288	49,275	-4,987	-21,644	-45,077	-180,930
2010	63,524	71,767	-8,243	-2,030	79,735	90,506	-10,770	-86,843	74,430	82,773	-8,343	-97,770	45,699	48,998	-3,299	-24,943	-30,655	-211,586
2011	69,428	59,821	9,607	7,577	85,070	82,461	2,609	-84,234	74,250	71,795	2,454	-95,316	45,952	46,650	-698	-25,641	13,972	-197,614
2012	67,701	62,574	5,127	12,704	81,488	77,230	4,258	-79,977	73,602	71,344	2,258	-93,058	44,591	46,652	-2,062	-27,702	9,581	-188,033
2013	54,553	65,409	-10,855	1,848	73,561	83,181	-9,620	-89,597	70,243	77,497	-7,254	-100,312	43,866	44,824	-958	-28,661	-28,688	-216,722
2014	53,115	67,033	-13,918	-12,070	74,616	81,646	-7,031	-96,628	68,585	80,620	-12,035	-112,347	44,208	47,225	-3,017	-31,678	-36,001	-252,723
2015	50,851	58,806	-7,954	-20,024	72,973	77,133	-4,160	-100,787	71,635	75,060	-3,425	-115,772	43,684	45,102	-1,418	-33,096	-16,957	-269,679
2016	50,799	47,242	3,556	-16,468	73,530	86,073	-12,543	-113,331	68,844	71,345	-2,501	-118,274	43,191	42,656	535	-32,561	-10,953	-280,633
2017	65,224	50,736	14,488	-1,980	77,614	78,835	-1,221	-114,551	71,948	74,539	-2,591	-120,864	42,495	42,525	-30	-32,591	10,646	-269,987
2018	68,704	52,978	15,725	13,745	78,696	73,481	5,216	-109,336	71,574	73,348	-1,774	-122,638	40,541	42,968	-2,426	-35,017	16,741	-253,246
2019	58,850	54,181	4,669	18,414	78,141	71,146	6,995	-102,340	66,049	69,234	-3,185	-125,823	44,165	41,999	2,166	-32,852	10,645	-242,601
2020	59,398	55,295	4,103	22,517	81,859	85,710	-3,851	-106,191	72,239	69,322	2,917	-122,906	43,799	43,475	324	-32,528	3,493	-239,108
2021	49,431	57,365	-7,934	14,583	77,432	90,517	-13,084	-119,276	74,254	78,490	-4,236	-127,143	43,889	45,059	-1,170	-33,698	-26,424	-265,533
2022	50,145	57,237	-7,092	7,491	81,716	90,198	-8,482	-127,757	72,267	82,328	-10,061	-137,204	44,765	43,737	1,028	-32,669	-24,607	-290,139

Figure 2-1. Cumulative Change in Storage for OBMP Management Zones, FY 2001 through FY 2022





Contour of Groundwater-Level Change (ft)
Spring 2000 to Spring 2022



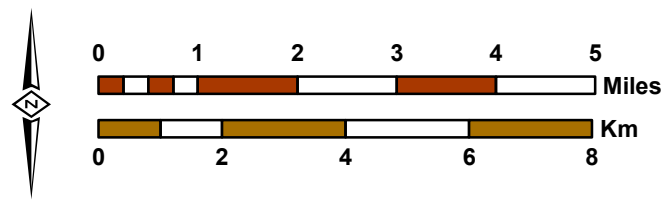
Area Not Included in the Change Calculation
Due to a Lack of Groundwater-level Data

- Appropriate Pool Pumping Wells
- City of Chino
 - City of Chino Hills
 - City of Ontario
 - City of Pomona
 - City of Upland
 - Cucamonga Valley Water District
 - Fontana Water Company
 - Jurupa Community Services District
 - Monte Vista Water District
 - Other Appropriators

- Chino Desalter Wells
- Streams & Flood Control Channels
- Flood Control & Conservation Basins
- Water Service Area
- Chino Basin Part of the Active CVM MODFLOW Domain
- OBMP Management Zones



Prepared by:
Author: GR
Date: 8/30/2023
File: Figure 2-2 GWL Change BRD.mxd



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Groundwater-Level Change from
Spring 2000 to Spring 2022
Shallow Aquifer System

Figure 2-2



3.0 CUMULATIVE EFFECTS OF TRANSFERS FOR FISCAL YEARS 2001 THROUGH 2022

3.1 Identification of Transfers that Resulted in a Reduction in Wet-Water Replenishment

An Excel workbook was created from Watermaster assessment packages to compute historical replenishment obligations based on production rights, water in storage, and transfers. Each fiscal year has a linked worksheet, ensuring carryover water and storage balances at year-end match the subsequent year's initial values. Appendix A includes tables describing Appropriator production rights, production, transfers, and ending storage account balances for each fiscal year. To explore the effect of removing transfers, Appendix B shows the tables of Appendix A with the transfers removed. Tables 3-1 to 3-3 summarize for FY 2001 through 2022 (i) replenishment obligations as reported in the Assessment Packages (Table 3-1), (ii) replenishment obligations that would have occurred without transfers (Table 3-2), and (iii) the difference between Table 3-2 and 3-1, indicating the additional replenishment obligations that would have occurred without transfers (Table 3-3). The total avoided wet-water replenishment due to transfers during this period was 346,000 af (about 15,700 afy). Figure 3-1 graphically compares the historical annual replenishment obligation to the obligation without transfers.

Table 3-4 lists, by MZ, the time history of where the replenishment obligation originated from and where it was offset with transfers. Figures 3-2, 3-3, and 3-4 compare the annual replenishment obligations with and without transfers for MZ-1, MZ-2, and MZ-3 through MZ-5, respectively. About 58 percent of the transfers were used to offset potential replenishment obligations originating in MZ-3.

3.2 Cumulative Effects of Transfers in the Chino Basin

The cumulative effects of transfers are evaluated by comparing the simulated historical basin conditions (i.e., with transfers) to hypothetical basin conditions without transfers. The CVM with updated hydrology through 2022 was used to simulate the historical basin conditions (referred to herein as the historical scenario). This is the same model that is used to evaluate the balance of recharge and discharge documented in Section 2. A scenario simulating the hypothetical basin conditions without transfers (referred to herein as the revised historical scenario) was created by adding the avoided replenishment due to transfers as wet-water recharge in the MZ(s) where the pumping rights were transferred (i.e., where the replenishment obligation would have occurred). Avoided replenishment for parties that overlie multiple MZs was distributed proportionally based on the proportion of the party's area overlying each MZ. Avoided replenishment for parties in MZ-4 or MZ-5 were added to the avoided replenishment in MZ-3, as no managed recharge facilities exist in MZ-4 or MZ-5.

In the revised historical scenario, avoided replenishment in one year was assumed to result in wet-water recharge during the following year (e.g., avoided replenishment obligations that occur in FY 2001 would result in wet-water recharge in FY 2002). Since the model period ends on June 30, 2022, the avoided replenishment of 11,200 af in FY 2022 is not input into the model. The total avoided replenishment that is added as recharge to the revised historical scenario is 334,800 af over the period of FY 2001 through FY 2022. The additional recharge was distributed proportionally to each of the active recharge basins¹⁷

¹⁷ The revised historical scenario assumes that the active recharge basins in FY 2020 are active in all years of the simulation for purposes of distributing the avoided replenishment obligation. Most of the recharge basins were not managed for supplemental water recharge prior to the Chino Basin Facilities Improvement Program in 2005,

within the MZ based on the basin’s supplemental water recharge capacity (less historical recharge) and assumed monthly availability for supplemental water recharge as documented in the most recent annual Finding of Substantial Compliance.¹⁸ The additional recharge calculated to occur in MZ-3 exceeds the assumed capacity for MZ-3 in several years, totaling about 8,300 af, or about four percent of the total additional recharge in MZ-3. In years when this occurs, the recharge exceeding the capacity in MZ-3 is instead recharged in MZ-1, where sufficient capacity exists.

3.2.1 Physical Storage and Net Recharge

Net recharge, as used herein, is the exploitable inflow to a groundwater basin over a specified period, either under historical conditions or in a future projection under prescribed operating conditions, and it is a result of the hydrology, cultural conditions, and water management practices of the period. Net recharge is equal to recharge minus uncontrolled discharge and excludes the recharge of supplemental water. Algebraically:

$$\text{Net recharge} = \Delta S / \Delta t + O_p - I_{ar}$$

Where ΔS is change in storage over a base period, Δt is the duration of a base period and O_p and I_{ar} are the average groundwater pumping and average supplemental water recharge over the base period, respectively. Figure 3-5 shows the time series of net recharge for the historical and the revised historical scenarios for the period 2001 through 2022. The net recharge for the revised historical scenario is less than the historical scenario due to greater imported water recharge and associated physical storage in the revised historical scenario. This difference in net recharge averages about 3,800 afy for the period of 2001 through 2022. Therefore, the cumulative effect of transfers is to increase net recharge by about 3,800 afy over the period of 2001 through 2022, cumulatively about 84,000 af.

3.2.2 Managed Storage

Figure 3-6 shows the end-of-year balances in managed storage accounts for the historical and revised historical scenarios for the period 2001 through 2022. Removing transfers between parties results in about 282,000 af greater managed storage at the end of FY 2022. Note that the Safe Yield was not changed in the revised historical scenario. Lowering the Safe Yield would result in greater replenishment obligations and wet-water replenishment, which would lower net recharge and Safe Yield.

The managed storage in the revised historical scenario approaches 870,000 af at the end of FY 2022, compared to about 586,000 af in the historical scenario. The managed storage volume without transfers exceeds the current Safe Storage Capacity (SSC)¹⁹ of 700,000 af; pursuant to the 2020 Storage Management Plan,²⁰ “the allocation and use of storage space in excess of the SSC will preemptively require mitigation; that is, mitigation must be defined and resources committed to mitigation prior to its allocation and use.” Therefore, the cumulative effect of transfers is to eliminate the need to mitigate the

and sufficient capacity to recharge the avoided replenishment in the revised historical scenario did not exist in those years.

¹⁸ The Annual Finding of Substantial Compliance with the Recharge Master Plan for FY 2022/23 can be found on page 75 of the November 2022 Watermaster Board agenda package [here](#).

¹⁹ The SSC is the difference between the safe storage and the operational storage requirement. Definitions of these terms can be found in the 2020 Storage Management Plan.

²⁰ The 2020 Storage Management Plan is included as Appendix E of the [2020 OBMP Update Report](#).

effects of allocating and using storage above the SSC (e.g., addressing the physical impacts to the basin that are quantified in this section). By using less storage space, the parties or other agencies have more opportunity to allocate unused storage space to enhance the flexibility of water supplies or facilitate Storage and Recovery Programs.

3.2.3 Groundwater Levels, Pumping Sustainability, and Land Subsidence

Figure 3-7 shows the differences in groundwater levels between the historical scenario and the revised historical scenario in June 2022. The groundwater levels in the historical scenario average about 16 feet lower than the groundwater levels in the revised historical scenario. Historical groundwater levels are lower than the revised historical groundwater levels by up to 45 feet in MZ-3, where 58 percent of the avoided replenishment is recharged in the revised historical scenario.

The term *pumping sustainability*, as used herein, refers to the ability to produce water from a specific well at a desired pumping rate, given the groundwater level at that well and its well construction and current equipment details. The reduced groundwater levels in the basin due to transfers potentially contributes to pumping sustainability challenges in the Chino Basin. Recent studies and data collected from Chino Basin parties indicate that wells with pumping sustainability challenges exist in MZ-3 and CDA well field (WEI, 2020). The lower groundwater levels in the historical scenario suggest that the groundwater-level response to transfers may have contributed to some of the current pumping sustainability challenges. The magnitude of the contribution is unknown and depends on the location and magnitude of the recharge that would have occurred in the absence of transfers and the changes in pumping behavior due to higher groundwater levels in these regions.

The cumulative effect of transfers is to lower groundwater levels in the basin, potentially exacerbating land subsidence issues. Land subsidence has occurred in MZ-1 due to long-term historical declines in groundwater levels due to pumping.²¹ In the historical scenario, groundwater levels in MZ-1 are lower than the historical scenario by up to 20 feet. The lower groundwater levels that have occurred due to transfers may have contributed to the measured land subsidence in MZ-1. The magnitude of the contribution is unknown and depends on the location and magnitude of the recharge and pumping that would have occurred in the absence of transfers and the geologic response to these stresses.

3.2.4 Hydraulic Control

Figure 3-8 shows the time series of the groundwater discharge through the Chino Creek Well Field (CCWF) for the revised historical and the historical scenarios and compares them to the de minimis standard of 1,000 afy.²² The difference in discharge through the CCWF between the historical scenario and the revised historical scenario increases during the period of 2001 through 2022. By 2022, the projected discharge

²¹ [Construction and Calibration of One-Dimensional Compaction Models in the Northwest MZ-1 Area of the Chino Basin.](#)

²² The attainment of Hydraulic Control is measured by demonstrating, from groundwater elevation data, either that all groundwater north of the CDA well field cannot pass through the CDA well field (total hydraulic containment standard) or that groundwater discharge through the CDA well field is, in aggregate, less than 1,000 afy (the de minimis discharge standard). The Santa Ana Water Board has agreed that compliance with the de minimis discharge standard will be determined from groundwater monitoring data and the results of periodic calibration of the Watermaster groundwater model (currently the 2020 CVM). The modeling results indicate that the CDA well field is a complete barrier to all groundwater flow towards the Santa Ana River except in the CCWF where some discharge past the CDA wells is projected to occur.

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through the CCWF is about 720 afy in the revised historical scenario, which is 280 afy below the de minimis standard and 105 afy higher than the historical scenario. The cumulative effect of transfers is to reduce the groundwater discharge through the CCWF and to help ensure the attainment of hydraulic control.

3.2.5 Movement of Water Quality Anomalies

The plumes of volatile organic compounds (VOCs) and other contaminants in the Chino Basin exist primarily in the southern portion of the Chino Basin, between the recharge basins and the CDA well field. These plumes have been described in recent Watermaster reports (WY, 2023b). Available data for plume locations is limited in the first half of the historical period, and plume delineations based on that data are therefore subject to high uncertainty. Furthermore, the precise movement of these plumes is controlled by the localized heterogeneities that are not represented in the CVM. Due to these factors, simulating the movement of plumes in the Chino Basin over the historical period is impractical for this investigation.

However, recent studies have shown the effect of large-scale Storage and Recovery programs on the movement of plumes in the Chino Basin. In the 2023 Storage Framework Investigation (WY, 2023a), the effects of storage and recovery programs were simulated, where up to 200,000 af of water was recharged and recovered in the northern Chino Basin. These simulations showed that the plumes in the Chino Basin were displaced downgradient (southward) due to the storage and recovery programs. Since all the recovery occurred upgradient of the plumes, these results suggest that increasing storage in the Chino Basin will accelerate the movement of the plumes.

From the results of the 2023 Storage Framework Investigation, we can infer that the revised historical scenario would result in accelerated plume movement downgradient towards the CDA well field due to the increased recharge in the Chino Basin and the resulting increase in groundwater levels compared to the historical scenario. Therefore, the cumulative effect of transfers is to slow the movement of the plumes, limiting their impact on nearby wells and potentially assisting with remediation efforts.

3.3 Summary of Changes in Hydrologic Conditions Due to Transfers

Over the period of FY 2001 through FY 2022, transfers have resulted in 334,800 af less wet-water recharge and 249,000 af less groundwater in storage in the Chino Basin. Less groundwater in storage due to transfers results in greater net recharge by about 3,800 afy and less subsurface discharge through the CCWF, both of which benefit the Chino Basin parties. Less stored groundwater due to transfers has retarded the movement of plumes in the Chino Basin. However, the lower groundwater levels due to transfers may have contributed to pumping sustainability challenges and land subsidence.

3.4 Recommendations

Transfers have the effect of reducing groundwater levels across the basin, including MZ-1, which may contribute to the occurrence of land subsidence in MZ-1. Based on the pattern of water rights transfers primarily offsetting replenishment obligations in MZ-3, the greatest effects of transfers on groundwater levels occur in MZ-3. Therefore, we continue to recommend the prioritization of supplemental water recharge in MZ-1 up to its recharge capacity, followed by MZ-3. This recommendation is consistent with the recommendations presented in Section 2.

Table 3-1. Replenishment Obligations Reported in the Assessment Packages for Fiscal Years 2001 through 2022

(af)

Party	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total Replenishment Obligation
Arrowhead Mtn Spring Water Co	143	76	116	55	95	260	392	366	350	374	408	369	357	309	415	336	0	0	70	0	0	0	4,490
CalMat Co. (Appropriative)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chino, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chino Hills, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cucamonga Valley Water District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fontana Union Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fontana Water Company	0	4,892	6,113	16,985	17,617	4,793	1,924	18,277	8,169	2,788	91	0	0	0	0	0	0	0	0	0	0	0	81,649
Inland Empire Utilities Agency	4	4	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Jurupa Community Services District	0	0	0	2,789	1,073	1,104	2,344	989	1,650	0	0	0	0	0	0	0	0	0	0	0	0	0	9,949
Los Serranos Country Club	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marygold Mutual Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	79	0	0	0	0	0	0	0	0	79
Monte Vista Irrigation Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monte Vista Water District	0	0	1,764	5,257	4,974	2,289	7,421	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,705
NCL Co, LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Niagara Bottling, LLC	0	0	109	522	808	763	1,106	1,153	1,210	1,298	672	675	325	743	1,260	1,175	932	1,071	1,183	1,760	1,752	0	18,515
Nicholson Trust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Norco, City of	0	0	0	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	61
Ontario, City of	0	851	8,864	6,695	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16,411
Pomona, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Ana Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Antonio Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Bernardino, County of (Shooting Park)	14	15	12	13	14	13	16	16	22	16	18	15	12	13	11	9	13	11	11	8	17	20	308
Golden State Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Upland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West End Consolidated Water Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Valley Water District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	160	5,838	16,983	32,378	24,583	9,221	13,203	20,801	11,401	4,476	1,190	1,058	694	1,143	1,686	1,520	945	1,082	1,263	1,767	1,769	20	153,182

Table 3-2. Replenishment Obligations that Would Have Occurred in the Absence of Transfers between Parties for Fiscal Years 2001 through 2022

(af)

Party	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total Replenishment Obligation	
Arrowhead Mtn Spring Water Co	143	76	116	55	95	260	392	366	350	374	408	313	413	379	426	356	367	308	285	279	271	252	6,284	
CalMat Co. (Appropriative)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chino, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chino Hills, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cucamonga Valley Water District	0	0	0	0	0	0	0	0	2,590	297	11,501	2,725	10,345	7,022	6,530	8,332	5,876	0	0	0	0	0	0	55,218
Fontana Union Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fontana Water Company	17,066	22,730	18,619	24,992	21,123	14,301	15,432	18,285	12,439	12,794	7,578	2,844	11,038	14,681	12,509	14,481	12,414	10,556	9,124	9,591	7,146	9,287	299,030	
Inland Empire Utilities Agency	4	4	4	2	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Jurupa Community Services District	0	0	0	0	1,252	3,045	4,344	957	2,650	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12,249
Los Serranos Country Club	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marygold Mutual Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monte Vista Irrigation Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monte Vista Water District	0	386	4,895	8,484	7,880	8,202	9,434	1,435	1,894	3,852	997	0	0	0	0	0	0	0	0	0	0	0	0	47,459
NCL Co, LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Niagara Bottling, LLC	0	0	109	522	808	763	1,106	1,153	1,210	1,298	1,345	1,154	1,000	1,343	1,860	1,775	1,532	1,571	1,683	1,760	1,752	1,684	0	25,426
Nicholson Trust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Norco, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ontario, City of	0	10,231	13,516	14,557	3,648	7,883	3,373	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	53,208
Pomona, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Ana Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Antonio Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Bernardino, County of (Shooting Park)	14	15	12	13	14	13	16	16	22	16	18	11	12	16	11	9	13	11	11	8	17	20	0	308
Golden State Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Upland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West End Consolidated Water Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Valley Water District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	17,226	33,442	37,272	48,624	34,823	34,467	34,096	22,213	21,156	18,631	21,847	7,046	22,807	23,440	21,336	24,953	20,202	12,446	11,104	11,638	9,187	11,242	499,198	

Table 3-3. Additional Replenishment Obligations that Would Have Occurred in the Absence of Transfers between Parties for Fiscal Years 2001 through 2022

(af)

Party	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	Total Replenishment Obligation	
Arrowhead Mtn Spring Water Co	0	0	0	0	0	0	0	0	0	0	0	-56	55	70	11	20	367	308	216	279	271	252	1,793	
CalMat Co. (Appropriative)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chino, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chino Hills, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cucamonga Valley Water District	0	0	0	0	0	0	0	0	2,590	297	11,501	2,725	10,345	7,022	6,530	8,332	5,876	0	0	0	0	0	0	55,218
Fontana Union Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fontana Water Company	17,066	17,838	12,506	8,006	3,506	9,509	13,508	8	4,271	10,006	7,487	2,844	11,038	14,681	12,509	14,481	12,414	10,556	9,124	9,591	7,146	9,287	217,381	
Inland Empire Utilities Agency	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jurupa Community Services District	0	0	0	-2,789	179	1,942	2,000	-31	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,300
Los Serranos Country Club	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Marygold Mutual Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	-79	0	0	0	0	0	0	0	0	0	-79
Monte Vista Irrigation Co.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Monte Vista Water District	0	386	3,131	3,227	2,906	5,913	2,013	1,435	1,894	3,852	997	0	0	0	0	0	0	0	0	0	0	0	0	25,754
NCL Co, LLC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Niagara Bottling, LLC	0	0	0	0	0	0	0	0	0	0	672	480	675	600	600	600	600	500	500	0	0	1,684	6,911	
Nicholson Trust	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Norco, City of	0	0	0	-61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-61
Ontario, City of	0	9,380	4,652	7,862	3,648	7,883	3,373	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36,797
Pomona, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Ana Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Antonio Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
San Bernardino, County of (Shooting Park)	0	0	0	0	0	0	0	0	0	0	0	-4	0	3	0	0	0	0	0	0	0	0	0	0
Golden State Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Upland, City of	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West End Consolidated Water Co	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
West Valley Water District	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	17,066	27,604	20,289	16,245	10,239	25,246	20,893	1,412	9,755	14,155	20,657	5,988	22,113	22,297	19,650	23,433	19,258	11,364	9,840	9,870	7,418	11,223	346,015	

Table 3-4. Total Replenishment Obligations by Management Zone (MZ) with and without Transfers between Parties, FY2001 through FY2022
(af)

Fiscal Year	MZ-1		MZ-2		MZ-3 through MZ-5		Total	
	With Transfers	Without Transfers	With Transfers	Without Transfers	With Transfers	Without Transfers	With Transfers	Without Transfers
2001	14	14	0	2,141	146	15,072	160	17,226
2002	195	2,562	1,129	9,034	4,514	21,846	5,838	33,442
2003	3,649	7,762	6,233	10,612	7,101	18,898	16,983	37,272
2004	6,683	11,570	6,777	12,452	18,918	24,601	32,378	48,624
2005	4,988	8,665	3,049	5,698	16,546	20,460	24,583	34,823
2007	7,437	10,162	1,415	5,204	4,351	18,729	13,203	34,096
2008	16	1,451	3,474	3,474	17,312	17,288	20,801	22,213
2009	22	1,942	2,282	5,368	9,097	13,845	11,401	21,156
2010	16	3,872	1,648	3,192	2,812	11,567	4,476	18,631
2011	18	1,131	684	13,491	488	7,224	1,190	21,847
2012	15	39	675	4,163	369	2,844	1,058	7,046
2014	13	87	743	10,020	388	13,333	1,143	23,440
2015	11	77	1,260	9,786	415	11,473	1,686	21,336
2016	9	94	1,175	11,703	336	13,157	1,520	24,953
2017	13	72	932	8,809	0	11,320	945	20,202
2018	11	11	1,071	2,895	0	9,540	1,082	12,446
2019	11	11	1,183	2,828	70	8,265	1,263	11,104
2020	8	8	1,760	2,963	0	8,667	1,767	11,638
2021	17	17	1,752	2,648	0	6,521	1,769	9,187
2022	20	20	0	2,849	0	8,374	20	11,242
Total	25,481	59,563	38,959	149,191	88,742	290,444	153,182	499,198

Figure 3-1. Historical Replenishment Obligations with and without Transfers between Parties, 2001-2022

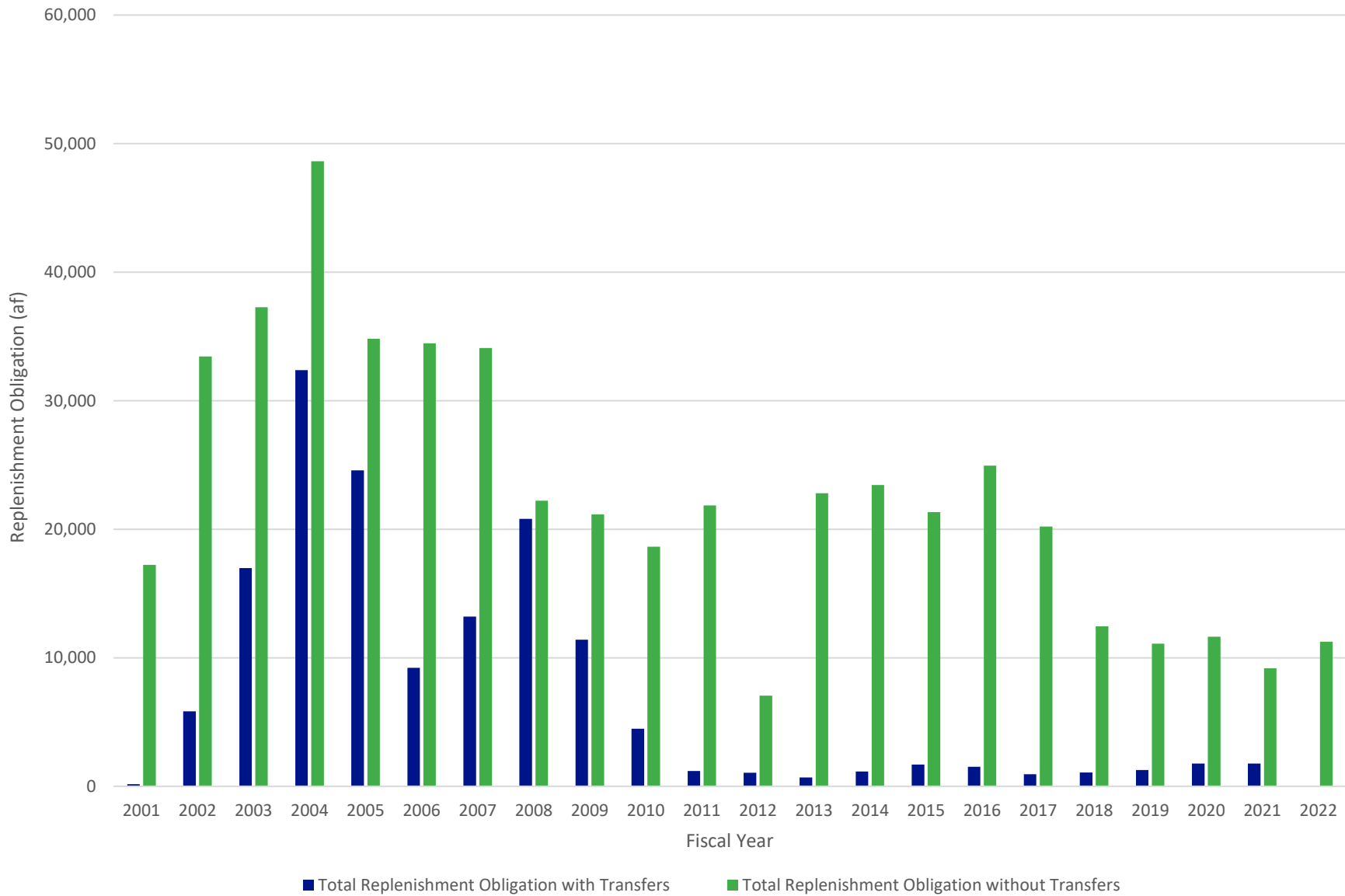


Figure 3-2. Historical Replenishment Obligations in MZ-1 with and without Transfers between Parties, 2001-2022

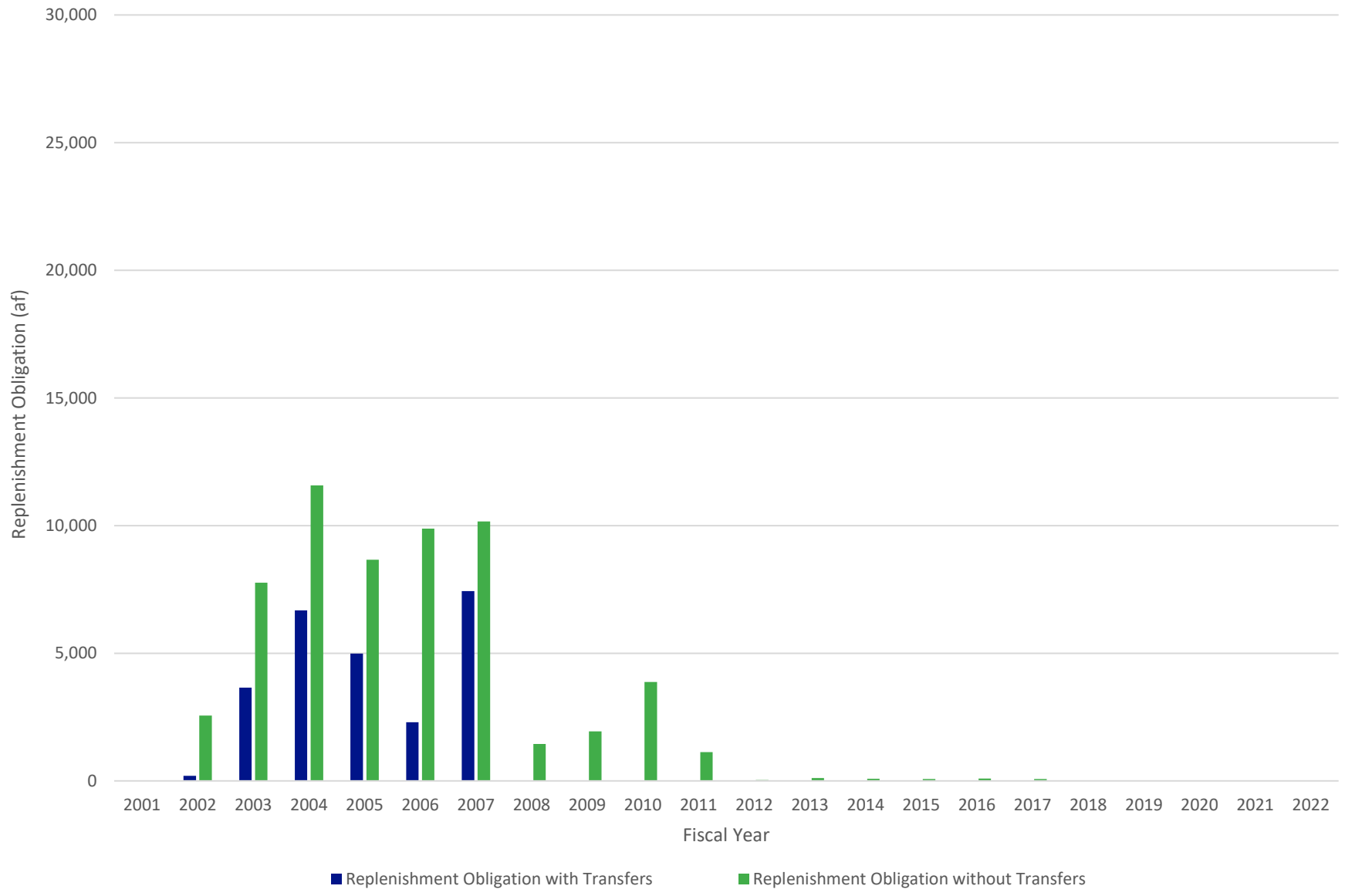


Figure 3-3. Historical Replenishment Obligations in MZ-2 with and without Transfers between Parties, 2001-2022

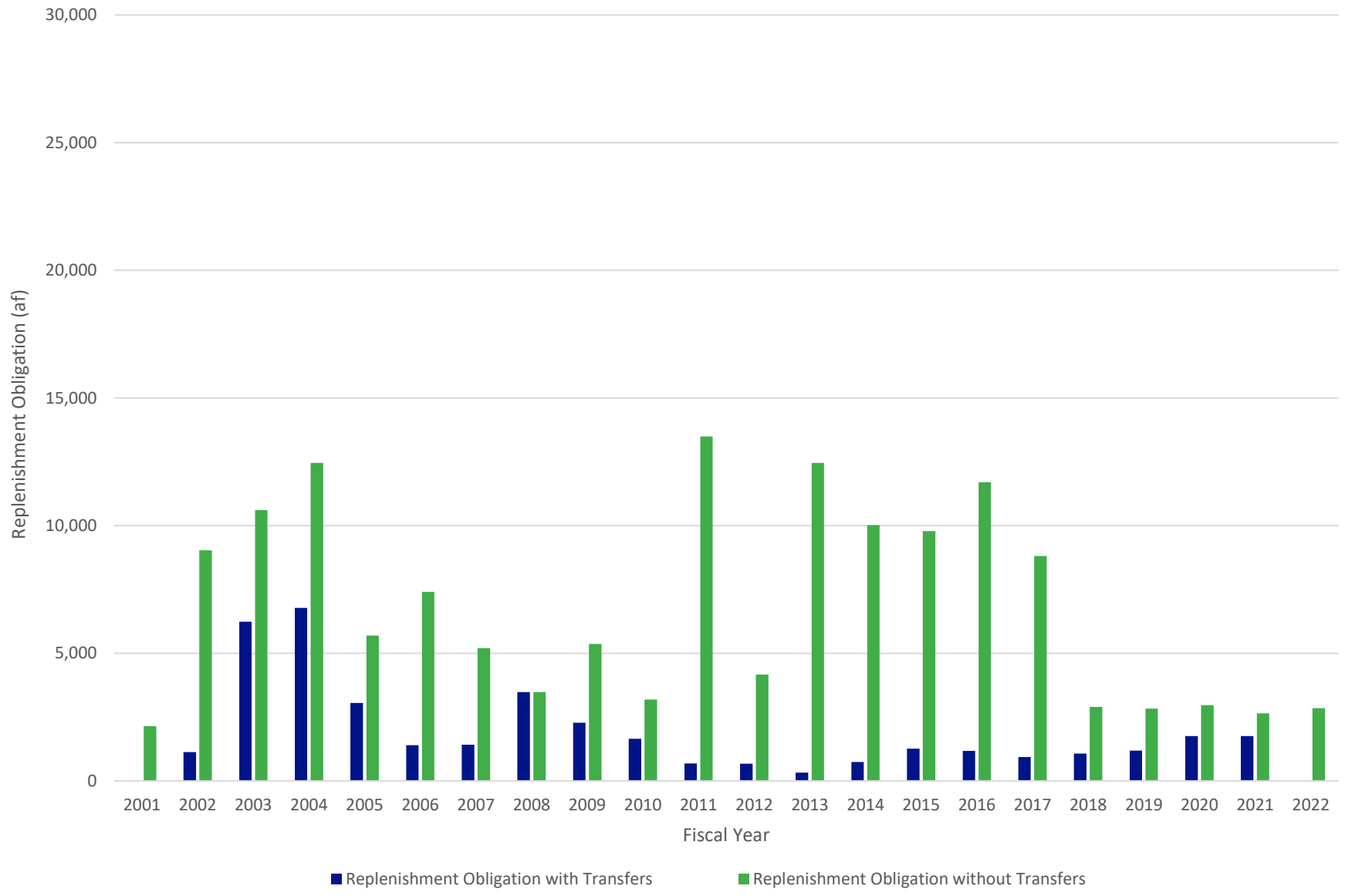


Figure 3-4. Historical Replenishment Obligations in MZ-3 through MZ-5 with and without Transfers between Parties, 2001-2022

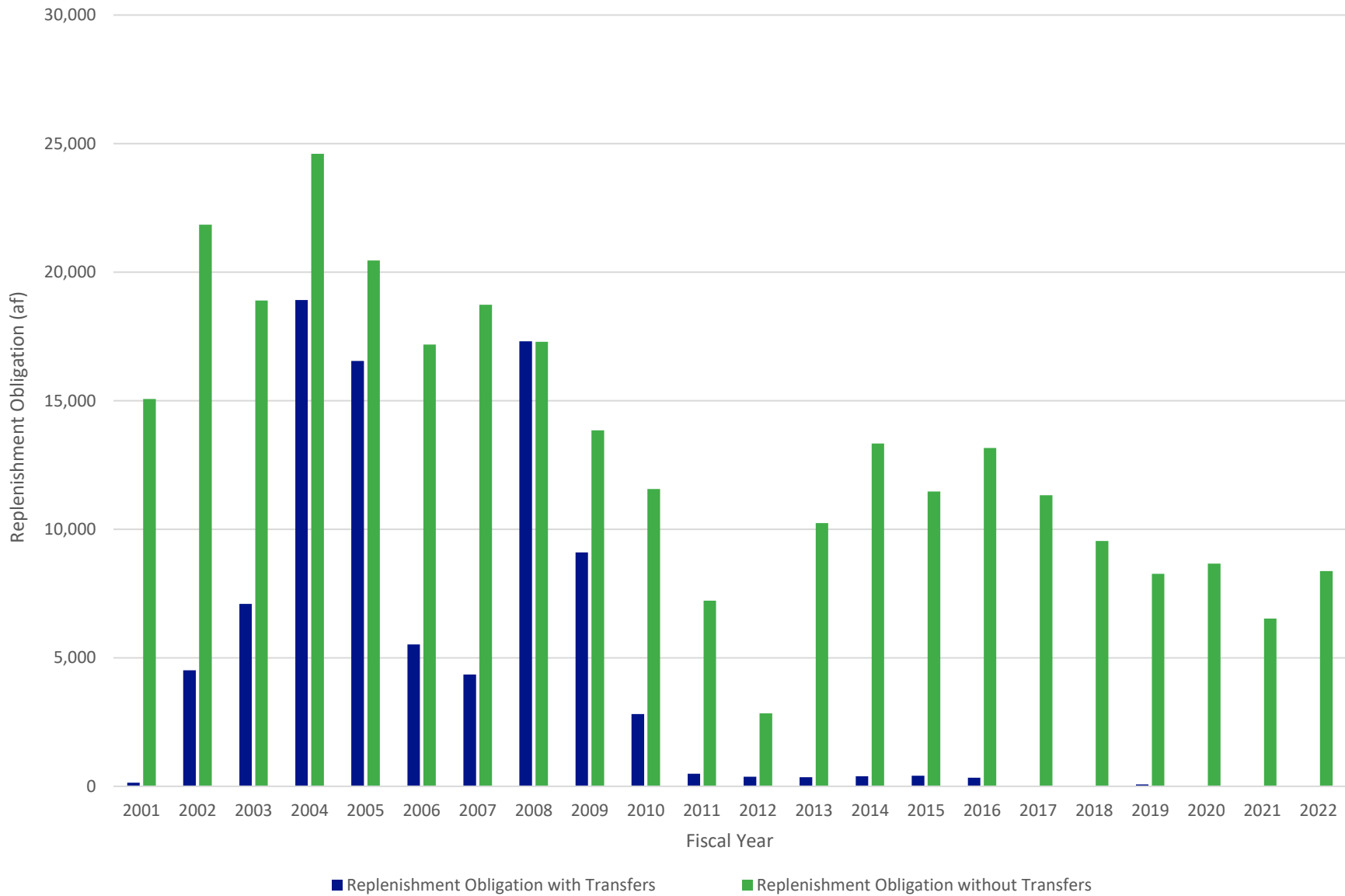


Figure 3-5. Net Recharge for the Historical and Revised Historical Scenarios

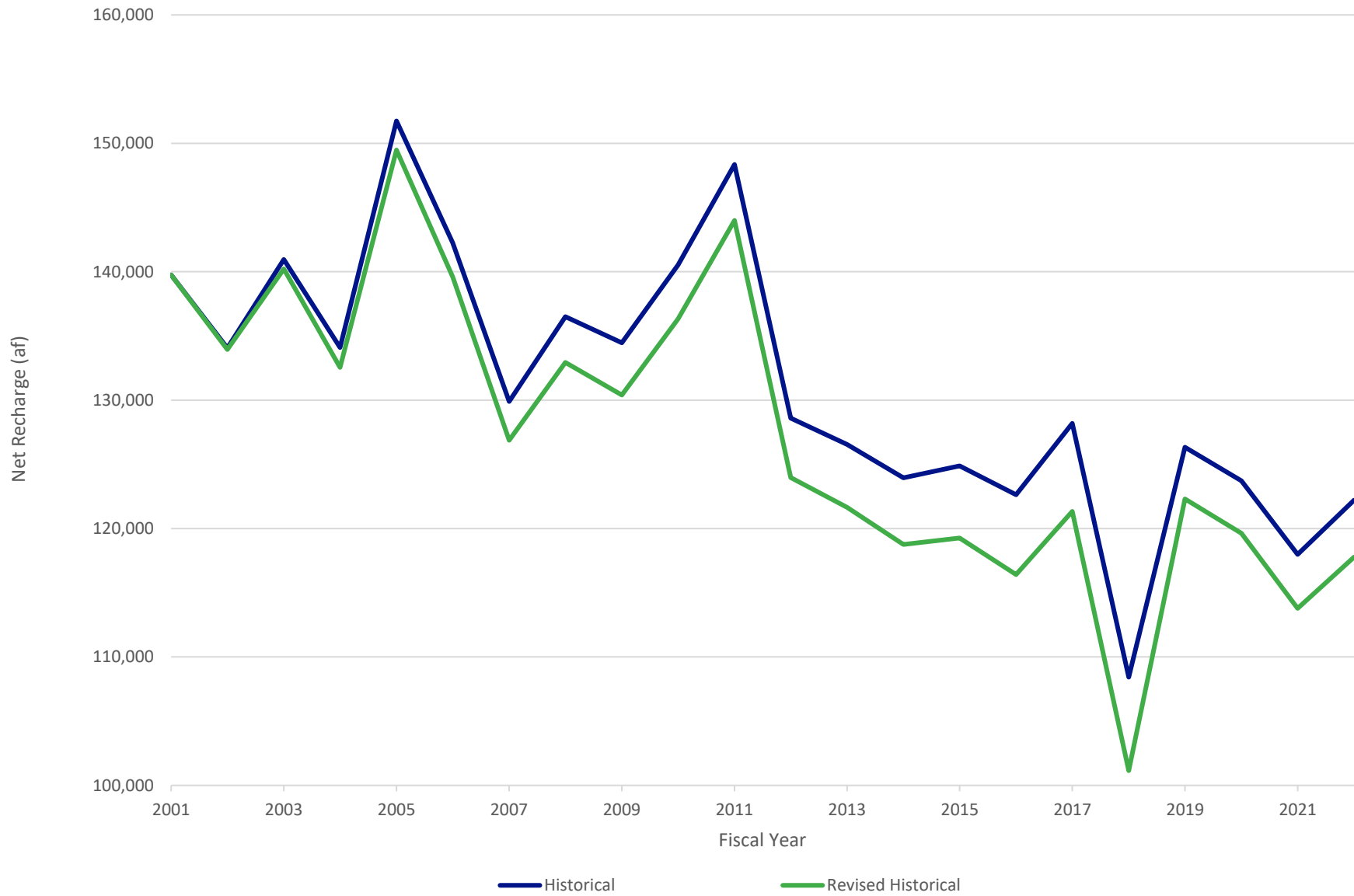
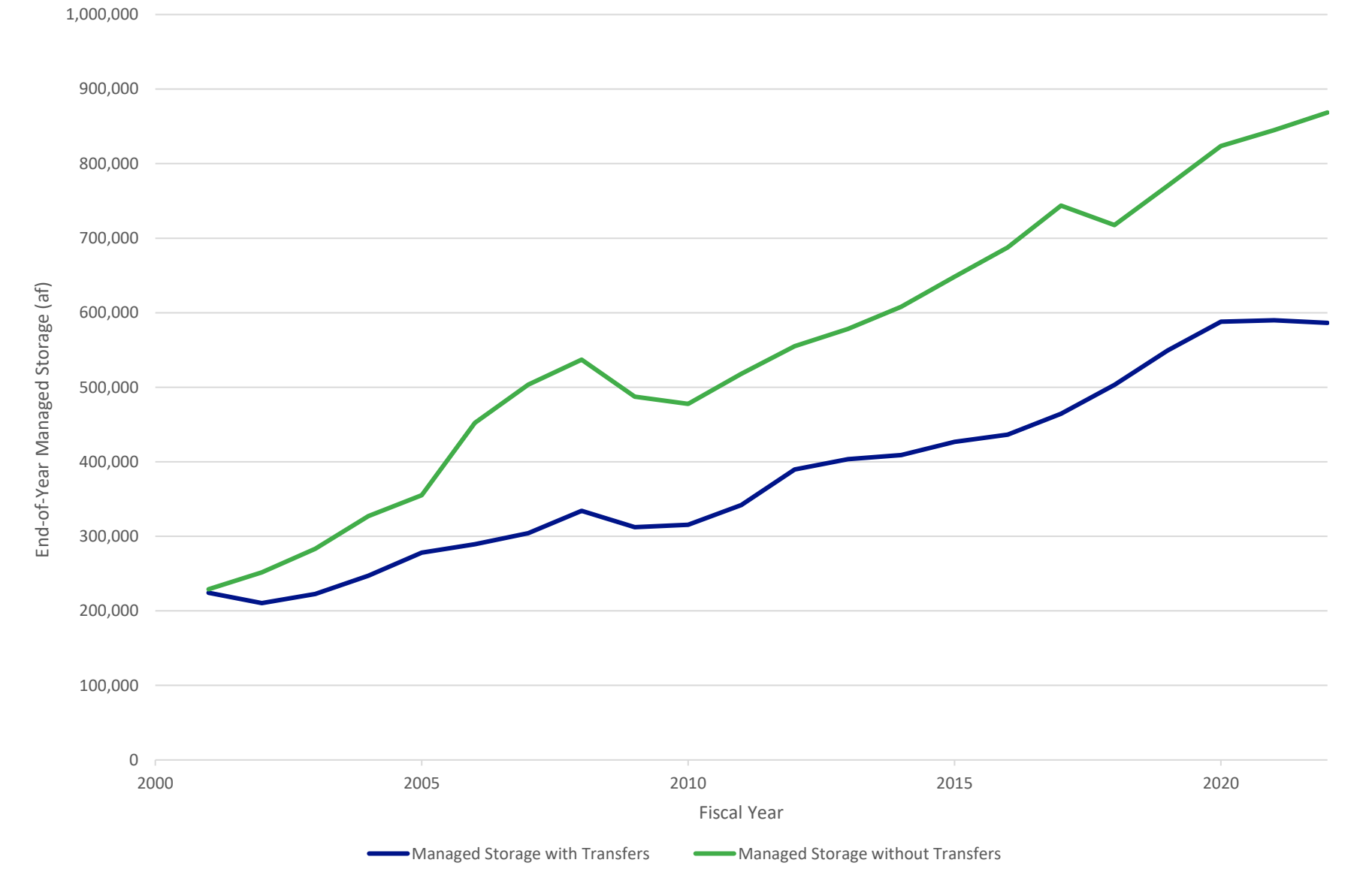
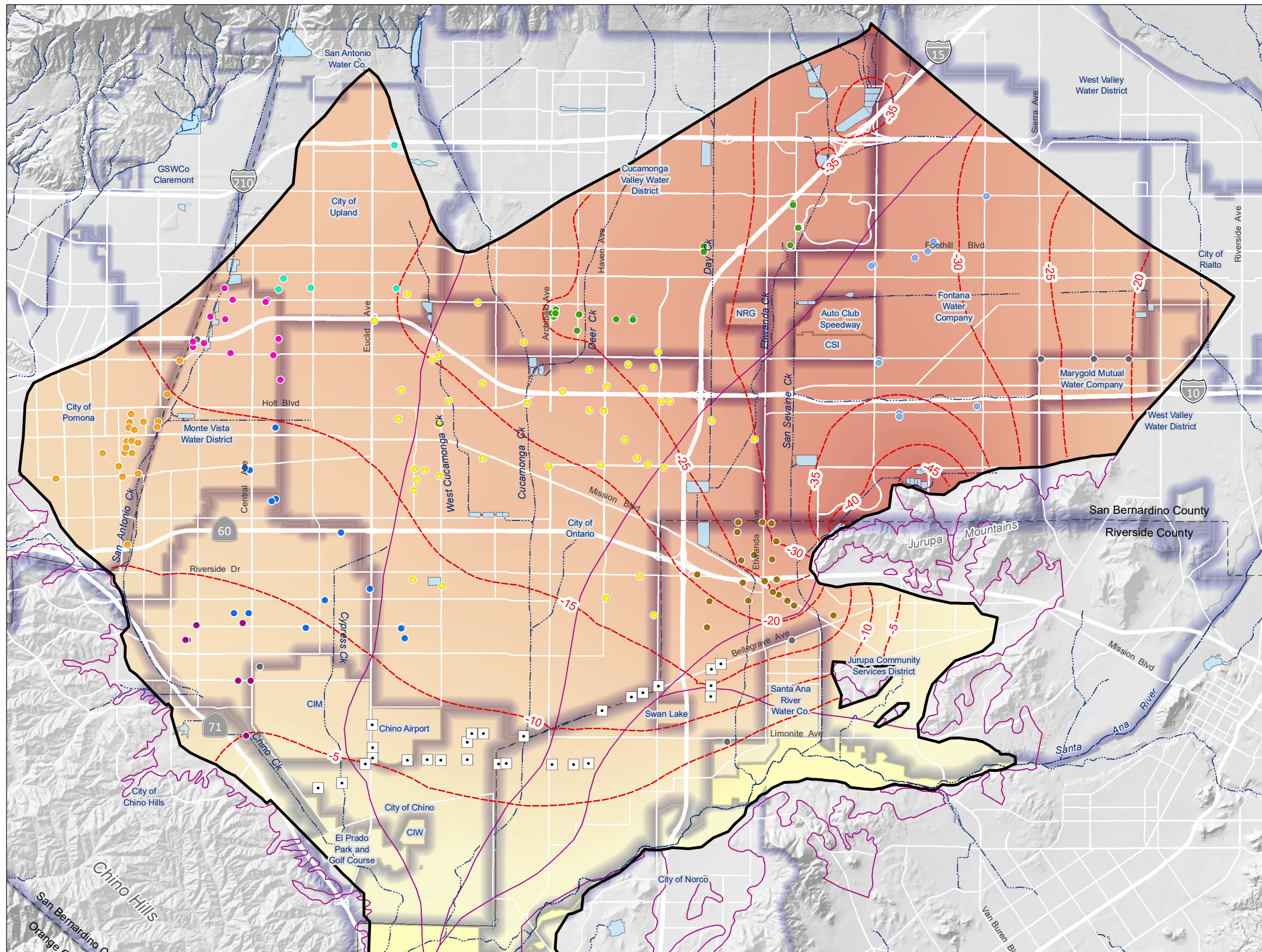
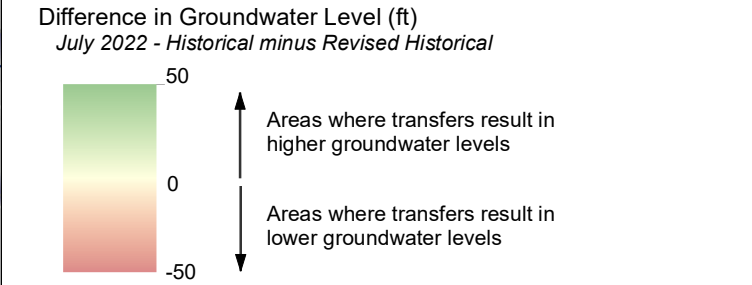


Figure 3-6. Total Balance in End-of-Year Managed Storage with and without Transfers between Parties, 2001-2022





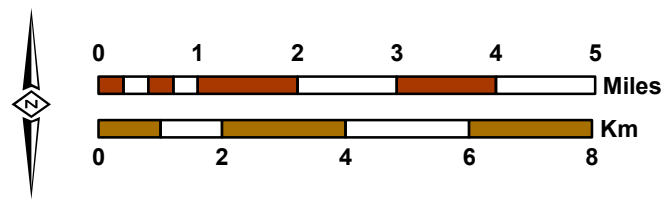
Contour of Difference in Groundwater Level (ft)
 Positive Change July 2022 - Historical minus Revised Historical
 Contour of Difference in Groundwater Level (ft)
 Negative Change July 2022 - Historical minus Revised Historical



- Appropriate Pool Pumping Wells
- City of Chino
 - City of Chino Hills
 - City of Ontario
 - City of Pomona
 - City of Upland
 - Cucamonga Valley Water District
 - Fontana Water Company
 - Jurupa Community Services District
 - Monte Vista Water District
 - Other Appropriators
- Chino Desalter Wells
 - Streams & Flood Control Channels
 - Flood Control & Conservation Basins
 - Water Service Area
 - Chino Basin Part of the Active CVM MODFLOW Domain
 - OBMP Management Zones



Author: GR
 Date: 8/30/2023
 File: Figure 3-7 GWE Change CET.mxd



**2023 Model Update
 and Required Demonstrations**



**Projected Difference in Groundwater Levels
 for Layer 1**
Historical minus Revised Historical (July 2022)

Figure 3-7

Figure 3-8. Projected Groundwater Discharge from Chino North Management Zone through the Chino Creek Well Field for the Historical and Revised Historical Scenarios



Appendix A

Annual Water Production Summaries for the Appropriative Pool Parties, 2001-2022

Table A-1. Fiscal Year 2001 Water Production Summary with Transfers between Parties

(af)

Party	Beginning of Year Excess Carryover	Beginning of Year Supplemental Storage Account	Total Intital Storage Account	Carryover Beginning Balance	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Total Net Under/Over-Production	Carryover to 2001-02 Production	Excess Carryover	MZ-1 6,500 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	-3.6	0.0	0.0	0.0	0.0	3.6
Chino, City of	0.0	1,306.5	1,306.5	2,851.8	4,033.9	2,804.0	5,124.6	14,814.3	7,147.2	7,667.1	4,033.9	3,633.2	478.2	5,417.9	0.0
Cucamonga Valley Water District	0.0	23,295.5	23,295.5	3,619.5	3,619.5	-6,356.2	5,882.2	6,764.9	6,764.9	0.0	0.0	0.0	1,187.4	23,814.9	0.0
Fontana Union Water Company	0.0	0.0	0.0	0.0	6,396.7	-6,396.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	0.0	0.0	0.0	0.0	20,200.0	834.0	21,034.0	17,900.0	3,134.0	3,134.0	0.0	0.0	0.0	0.0
Jurupa Community Services	6,951.1	0.0	6,951.1	1,730.4	2,061.1	2,650.0	8,634.0	15,075.6	11,436.4	3,639.2	2,061.1	1,578.0	244.3	8,773.5	0.0
Marygold Mutual Water Company	0.0	1,896.5	1,896.5	655.3	655.3	-1,200.0	345.7	456.3	0.6	455.7	455.7	0.0	77.7	1,974.2	0.0
Monte Vista Water District	0.0	4,194.4	4,194.4	2,806.9	4,824.0	275.0	2,599.2	10,505.0	10,505.0	0.0	0.0	0.0	571.8	4,539.2	0.0
Monte Vista Irrigation Co.	0.0	7,015.3	7,015.3	676.8	676.8	0.0	356.9	1,710.5	0.0	1,710.5	676.8	1,033.7	80.2	8,129.2	0.0
Norco, City of	366.2	0.0	366.2	201.5	201.5	0.0	106.4	509.5	227.1	282.4	201.5	80.9	23.9	471.0	0.0
Ontario, City of	0.0	10,000.0	10,000.0	6,573.8	11,373.8	9,067.4	6,972.5	33,987.6	33,987.6	0.0	0.0	0.0	1,348.2	11,205.2	0.0
Pomona, City of	0.0	23,669.2	23,669.2	19.4	11,215.9	300.8	5,916.5	17,452.6	17,452.6	0.0	0.0	0.0	1,329.5	20,698.0	0.0
San Antonio Water Company	17,422.5	0.0	17,422.5	1,506.9	1,506.9	-3,736.4	794.9	72.3	72.3	0.0	0.0	0.0	178.6	12,687.5	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	-13.7	0.0	0.0	0.0	0.0	13.7
Chino Hills, City of	0.0	9,414.1	9,414.1	2,111.4	2,111.4	-2,190.3	2,030.8	4,063.3	4,063.3	0.0	0.0	0.0	250.3	7,453.7	0.0
Santa Ana Water Company	538.4	0.0	538.4	1,301.4	1,301.4	-2,000.0	686.4	1,289.2	767.5	521.6	521.6	0.0	154.2	692.6	0.0
Golden State Water Company	0.0	2,098.8	2,098.8	411.5	411.5	0.0	216.9	1,039.9	372.0	667.9	411.5	256.4	48.8	2,404.0	0.0
Upland, City of	0.0	10,971.8	10,971.8	2,852.4	2,852.4	45.8	1,504.7	7,255.3	2,580.1	4,675.2	2,852.4	1,822.8	338.1	13,132.7	0.0
West End Consol. Water Co.	10,487.1	0.0	10,487.1	947.7	947.7	0.0	499.8	2,395.3	0.0	2,395.3	947.7	1,447.6	112.3	12,047.0	0.0
West Valley Water District	4,092.0	0.0	4,092.0	644.3	644.3	-500.0	339.9	1,128.5	0.0	1,128.5	644.3	484.2	76.4	4,652.6	0.0
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143.0	-143.0	0.0	0.0	0.0	0.0	143.0
Dept. of Toxic Substances	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.0	0.0	0.0	0.0	0.0	0.0
MWDSC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Desalter	36,622.7	0.0	36,622.7	0.0	0.0	7,989.0	0.0	0.0	7,989.0	0.0	0.0	0.0	0.0	32,628.2	0.0
Total	76,480.1	93,862.1	170,342.3	28,911.1	54,834.0	20,952.4	42,845.5	139,554.0	121,526.1	26,116.9	15,940.4	10,336.8	6,500.0	170,721.5	160.3

Table A-2. Fiscal Year 2002 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Total Net Under/Over-Production	Carryover to 2002-03 Production	Excess Carryover	MZ-1 6,500 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	3.8	-3.8	0.0	0.0	0.0	0.0	3.8
Chino, City of	4,033.9	4,033.9	51.5	5,199.1	13,318.4	5,612.9	7,705.4	4,033.9	3,671.6	478.2	9,567.7	0.0
Cucamonga Valley Water District	0.0	3,619.5	-1,258.1	5,924.7	8,286.1	8,281.8	4.4	4.4	0.0	1,186.8	23,253.0	0.0
Fontana Union Water Company	0.0	6,391.7	-6,391.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	3,134.0	1.0	14,704.0	834.6	18,673.6	23,565.3	-4,891.7	0.0	0.0	0.1	0.1	4,891.7
Jurupa Community Services	2,061.1	2,061.1	2,650.0	8,799.7	15,571.9	12,586.4	2,985.5	2,061.1	924.4	244.3	7,442.2	0.0
Marygold Mutual Water Company	455.7	655.3	-1,200.0	348.6	259.6	0.0	259.6	259.6	0.0	77.7	2,051.9	0.0
Monte Vista Water District	0.0	4,824.0	5,525.6	2,621.4	12,971.0	12,968.4	2.6	2.6	0.0	571.8	5,111.0	0.0
Monte Vista Irrigation Co.	676.8	676.8	-1,700.0	360.0	13.5	0.0	13.5	13.5	0.0	80.2	7,409.4	0.0
Nicholson Trust	0.0	4.0	-4.0	2.0	2.0	0.0	2.0	2.0	0.0	0.5	0.5	0.0
Norco, City of	201.5	201.5	0.0	107.4	510.4	407.4	103.0	103.0	0.0	23.9	494.9	0.0
Ontario, City of	0.0	11,373.8	13,352.4	7,023.7	31,750.0	32,601.4	-851.4	0.0	0.0	1,348.2	11,920.3	851.4
Pomona, City of	0.0	11,215.9	488.2	5,967.0	17,671.1	17,666.2	4.9	4.9	0.0	1,329.5	17,039.3	0.0
San Antonio Water Company	0.0	1,506.9	0.0	801.7	2,308.6	931.9	1,376.6	1,376.6	0.0	178.6	8,216.2	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	15.3	-15.3	0.0	0.0	0.0	0.0	15.3
Chino Hills, City of	0.0	2,111.4	49.8	2,040.2	4,201.4	3,398.0	803.4	803.4	0.0	250.3	7,704.0	0.0
Santa Ana Water Company	521.6	1,301.4	-1,756.4	692.3	758.9	758.3	0.6	0.6	0.0	154.2	603.3	0.0
Golden State Water Company	411.5	411.5	0.0	218.8	1,041.7	224.8	816.9	411.5	405.4	48.8	2,858.1	0.0
Upland, City of	2,852.4	2,852.4	57.2	1,517.6	7,279.6	2,390.2	4,889.4	2,852.4	2,037.0	338.1	7,507.9	0.0
West End Consol. Water Co.	947.7	947.7	0.0	504.1	2,399.5	0.0	2,399.5	947.7	1,451.8	112.3	13,611.1	0.0
West Valley Water District	644.3	644.3	0.0	342.8	1,631.4	0.0	1,631.4	644.3	987.1	76.4	5,216.1	0.0
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	75.5	-75.5	0.0	0.0	0.0	0.0	75.5
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dept. of Toxic Substances	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MWDSC	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	9,457.8	0.0	0.0	0.0	0.0	27,899.4	0.0
Total	15,940.4	54,834.0	24,568.5	43,305.7	138,648.6	130,946.5	17,161.0	13,521.4	9,477.3	6,500.0	157,906.3	5,837.8

Table A-3. Fiscal Year 2003 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	MWD Exchanges	Total Net Under/Over-Production	Carryover to 2003-04 Production	Excess Carryover	MZ-1 6,500 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	116.1	0.0	-116.1	0.0	0.0	0.0	0.0	116.1
Chino, City of	4,033.9	4,033.9	19.0	5,682.4	13,769.1	4,706.9	1,500.0	7,562.1	4,033.9	3,528.3	478.2	7,574.2	0.0
Chino Hills, City of	803.4	2,111.4	17.6	2,098.9	5,031.3	1,655.3	1,500.0	1,876.0	1,876.0	0.0	250.3	7,954.3	0.0
Cucamonga Valley Water District	4.4	3,619.5	6,432.1	5,868.2	15,924.1	11,961.6	0.0	3,962.5	3,619.5	343.0	429.0	14,025.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	10,438.5	0.0	0.0	0.0	0.0	0.0	22,680.1	0.0
Fontana Union Water Company	0.0	6,391.7	-6,391.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	757.6	757.6	0.0
Fontana Water Company	0.0	1.0	12,506.5	834.6	13,342.1	19,454.8	0.0	-6,112.7	0.0	0.0	0.1	0.2	6,112.7
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	4.4	0.0	-4.4	0.0	0.0	0.0	0.0	4.4
Jurupa Community Services	2,061.1	2,061.1	2,000.0	10,539.3	16,661.5	12,706.9	0.0	3,954.7	2,061.1	1,893.6	244.3	9,580.1	0.0
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	259.6	655.3	0.0	344.9	1,259.8	0.4	0.0	1,259.4	655.3	604.0	77.7	2,733.6	0.0
MWDSC	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Monte Vista Irrigation Co.	13.5	676.8	-1,000.0	356.2	46.4	0.0	0.0	46.4	46.4	0.0	80.2	7,489.6	0.0
Monte Vista Water District	2.6	4,824.0	3,709.1	2,594.1	11,129.8	12,894.0	0.0	-1,764.2	0.0	0.0	571.8	5,682.7	1,764.2
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	108.5	0.0	-108.5	0.0	0.0	0.0	0.0	108.5
Nicholson Trust	2.0	4.0	-6.5	2.0	1.5	0.0	0.0	1.5	1.5	0.0	0.5	0.9	0.0
Norco, City of	103.0	201.5	127.7	106.2	538.5	538.6	0.0	-0.1	0.0	0.0	23.9	391.2	0.1
Ontario, City of	0.0	11,373.8	6,078.7	6,978.5	24,431.0	33,295.3	0.0	-8,864.3	0.0	0.0	1,348.1	13,268.4	8,864.3
Pomona, City of	4.9	11,215.9	446.5	5,903.6	17,570.8	17,570.8	0.0	0.0	0.0	0.0	1,329.4	15,422.2	0.0
Santa Ana Water Company	0.6	1,301.4	-1,530.8	684.9	456.0	456.0	0.0	0.0	0.0	0.0	154.2	288.4	0.0
San Antonio Water Company	1,376.6	1,506.9	0.0	793.2	3,676.7	1,060.7	0.0	2,615.9	1,506.9	1,109.0	178.6	9,503.8	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	12.4	0.0	-12.4	0.0	0.0	0.0	0.0	12.4
Golden State Water Company	411.5	411.5	0.0	216.5	1,039.4	259.8	0.0	779.7	411.5	368.2	48.7	3,275.1	0.0
Upland, City of	2,852.4	2,852.4	19.7	1,501.5	7,226.0	1,782.5	0.0	5,443.4	2,852.4	2,591.0	338.1	10,437.0	0.0
West End Consol. Water Co.	947.7	947.7	0.0	498.8	2,394.2	0.0	0.0	2,394.2	947.7	1,446.5	112.3	15,169.9	0.0
West Valley Water District	644.3	644.3	0.0	339.1	1,627.8	0.0	0.0	1,627.8	644.3	983.5	76.4	6,275.9	0.0
Total	13,521.4	54,834.0	22,427.8	45,342.7	136,125.9	132,025.0	3,000.0	14,540.7	18,656.5	12,867.1	6,499.4	152,510.2	16,982.9

Table A-4. Fiscal Year 2004 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Prior Year Adjustments to Storage Accounts	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	MWD Exchanges	Total Net Under/Over-Production	Carryover to 2004-05 Production	Excess Carryover	MZ-1 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	-55.0	0.0	0.0	0.0	0.0	55.0
Chino, City of	4,033.9	1,110.7	4,034.1	887.8	6,351.6	16,418.1	3,587.6	3,264.9	9,565.7	4,034.1	5,531.5	261.8	7,767.5	0.0
Chino Hills, City of	1,876.0	42.4	2,111.7	466.7	1,885.1	6,381.8	1,985.4	1,500.0	2,896.4	2,111.7	784.8	137.0	8,876.1	0.0
Cucamonga Valley Water District	3,619.5	72.7	3,619.6	7,694.6	4,854.6	19,860.9	11,139.5	0.0	8,721.4	3,619.6	5,101.8	234.9	14,361.7	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	10,605.0	0.0	0.0	0.0	0.0	0.0	17,377.6	0.0
Fontana Union Water Company	0.0	128.5	6,392.0	-4,992.9	0.0	1,527.6	0.0	0.0	1,527.6	1,527.6	0.0	414.8	1,172.4	0.0
Fontana Water Company	0.0	0.0	1.1	8,006.7	834.5	8,842.3	25,827.8	0.0	-16,985.5	0.0	0.0	0.1	0.3	16,985.5
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	-2.2	0.0	0.0	0.0	0.0	2.2
Jurupa Community Services	2,061.1	-2,090.2	2,061.2	1,451.1	10,283.6	13,766.7	16,556.1	0.0	-2,789.4	0.0	0.0	133.7	6,713.8	2,789.4
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	655.3	13.2	655.3	143.4	278.6	1,745.7	182.7	0.0	1,563.0	655.3	907.7	42.5	3,683.8	0.0
MWDSC	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Monte Vista Irrigation Co.	46.4	13.6	676.7	-879.0	287.7	145.3	0.0	0.0	145.3	145.3	0.0	43.9	7,520.7	0.0
Monte Vista Water District	0.0	96.9	4,823.7	4,597.9	2,105.8	11,624.4	12,666.0	4,215.0	-5,256.6	0.0	0.0	313.0	6,645.7	5,256.6
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	521.5	0.0	-521.5	0.0	0.0	0.0	0.0	521.5
Nicholson Trust	1.5	0.1	3.8	-5.6	1.6	1.5	0.0	0.0	1.5	1.5	0.0	0.2	1.2	0.0
Norco, City of	0.0	4.1	201.8	44.2	85.8	335.8	396.5	0.0	-60.7	0.0	0.0	13.1	404.3	60.7
Ontario, City of	0.0	228.6	11,373.7	11,109.6	5,827.0	28,538.9	28,115.3	7,118.4	-6,694.8	0.0	0.0	738.0	14,006.4	6,694.8
Pomona, City of	0.0	225.4	11,215.7	2,049.2	4,768.1	18,258.5	16,110.5	0.0	2,148.0	2,148.0	0.0	727.8	13,555.2	0.0
Santa Ana Water Company	0.0	26.2	1,301.2	-715.2	553.2	1,165.3	567.2	0.0	598.1	598.1	0.0	84.4	372.8	0.0
San Antonio Water Company	1,506.9	30.3	1,506.8	329.8	640.6	4,014.4	908.3	0.0	3,106.1	1,506.8	1,599.3	97.8	11,200.8	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	-12.8	0.0	0.0	0.0	0.0	12.8
Golden State Water Company	411.5	8.3	411.3	90.0	174.8	1,095.8	170.8	0.0	925.0	411.3	513.8	26.7	1,815.5	0.0
Upland, City of	2,852.4	57.3	2,852.5	629.4	1,212.7	7,604.3	1,929.2	0.0	5,675.1	2,852.5	2,822.6	185.1	13,444.7	0.0
West End Consol. Water Co.	947.7	19.0	947.5	207.4	402.8	2,524.5	0.0	0.0	2,524.5	947.5	1,576.9	61.5	16,808.3	0.0
West Valley Water District	644.3	12.9	644.3	141.0	273.9	1,716.5	0.0	0.0	1,716.5	644.3	1,072.2	41.8	5,739.9	0.0
Total	18,656.5	0.0	54,834.0	31,256.1	40,821.8	145,568.4	147,438.7	16,098.3	8,735.7	21,203.5	19,910.6	3,558.0	151,468.6	32,378.5

Table A-5. Fiscal Year 2005 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Safe Yield	Water Transaction Activity	New Yield 12,000	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	MWD Exchanges	Total Net Under/Over-Production	Carryover to 2005-06 Production	Excess Carryover	MZ-1 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	95.0	0.0	-95.0	0.0	0.0	0.0	0.0	95.0
Chino Hills, City of	2,111.7	2,111.4	14.8	462.1	2,117.1	6,817.1	2,153.1	2,669.2	1,994.7	1,994.7	0.0	303.7	9,179.8	0.0
Chino, City of	4,034.1	4,033.9	16.3	882.8	7,846.8	16,814.0	4,180.1	1,892.4	10,741.5	4,033.9	6,707.7	580.3	9,705.4	0.0
Cucamonga Valley Water District	3,619.6	3,619.5	11,746.3	792.1	2,534.9	22,312.3	12,058.5	0.0	10,253.8	3,619.5	6,634.4	520.6	19,016.7	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	9,853.6	0.0	0.0	0.0	0.0	0.0	12,450.8	0.0
Fontana Union Water Company	0.0	6,391.7	-11,210.3	1,398.8	3,419.7	0.0	0.0	0.0	0.0	0.0	0.0	919.4	2,091.8	0.0
Fontana Water Company	0.0	1.0	3,505.9	0.2	834.6	4,341.8	21,959.1	0.0	-17,617.3	0.0	0.0	0.2	0.0	17,617.3
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	-1.2	0.0	0.0	0.0	0.0	1.2
Jurupa Community Services	0.0	2,061.1	1,600.0	451.1	10,960.9	15,073.1	16,146.5	0.0	-1,073.4	0.0	0.0	296.5	7,010.3	1,073.4
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	655.3	655.3	0.0	143.4	350.6	1,804.6	132.4	0.0	1,672.1	655.3	1,016.8	94.3	4,794.9	0.0
MWDSC	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-0.5	0.0	0.0	0.0	0.0	0.5
Monte Vista Irrigation Co.	145.3	676.8	-1,100.0	148.1	362.0	232.2	0.0	0.0	232.2	232.2	0.0	97.3	7,618.0	0.0
Monte Vista Water District	0.0	4,824.0	3,607.3	1,055.6	2,635.8	12,122.7	10,046.4	7,050.0	-4,973.7	0.0	0.0	693.8	7,989.6	4,973.7
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	808.5	0.0	-808.5	0.0	0.0	0.0	0.0	808.5
Nicholson Trust	1.5	4.0	0.0	0.8	2.1	8.4	0.0	0.0	8.4	4.0	4.4	0.6	0.6	0.0
Norco, City of	0.0	201.5	0.0	44.2	108.0	353.7	83.8	0.0	269.9	201.5	68.3	29.0	501.6	0.0
Ontario, City of	0.0	11,373.8	5,417.3	2,489.0	7,076.6	26,356.8	26,291.1	0.0	65.7	65.7	0.0	1,636.0	15,642.4	0.0
Pomona, City of	2,148.0	11,215.9	-2,500.0	2,454.5	6,000.4	19,318.8	15,981.1	0.0	3,337.7	3,337.7	0.0	1,613.3	15,168.4	0.0
San Antonio Water Company	1,506.8	1,506.9	0.0	329.8	806.2	4,149.6	1,611.6	0.0	2,538.1	1,506.9	1,031.2	216.7	12,448.8	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	13.8	0.0	-13.8	0.0	0.0	0.0	0.0	13.8
Santa Ana Water Company	598.1	1,301.4	-1,600.0	284.8	696.2	1,280.4	499.3	0.0	781.1	781.1	0.0	187.2	560.0	0.0
Golden State Water Company	411.3	411.5	0.0	90.0	220.0	1,132.8	216.0	0.0	916.8	411.5	505.3	59.2	2,380.0	0.0
Upland, City of	2,852.5	2,852.4	16.6	624.2	1,526.1	7,871.8	1,909.8	2,011.6	3,950.4	2,852.4	1,098.0	410.3	14,953.0	0.0
West End Consol. Water Co.	947.5	947.7	0.0	207.4	506.9	2,609.5	0.0	0.0	2,609.5	947.7	1,661.8	136.3	18,606.5	0.0
West Valley Water District	644.3	644.3	0.0	141.0	344.7	1,774.3	0.0	0.0	1,774.3	644.3	1,130.0	92.7	4,812.6	0.0
Total	19,676.0	54,834.0	9,514.2	12,000.0	48,349.6	144,373.7	137,664.6	13,623.2	16,562.8	21,288.3	19,857.9	7,887.2	164,931.0	24,583.4

Table A-6. Fiscal Year 2006 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	2% Carryover Storage Loss	Assigned Share of Safe Yield	Water Transaction Activity	New Yield 12,000	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2006-07 Production	Excess Carryover	MZ-1 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	259.8	0.0	-259.8	0.0	0.0	0.0	0.0	259.8
Chino Hills, City of	1,994.7	-39.9	2,111.4	110.5	462.1	2,086.0	6,724.9	458.3	2,380.8	3,885.9	2,111.4	1,774.4	59.9	5,830.5	0.0
Chino, City of	4,033.9	-80.7	4,033.9	-5,227.6	882.8	7,982.1	11,624.3	3,261.9	1,500.0	6,862.4	4,033.9	2,828.6	114.4	12,454.2	0.0
Cucamonga Valley Water District	3,619.5	-72.4	3,619.5	19,740.1	792.1	2,481.6	30,180.4	14,458.0	0.0	15,722.3	3,619.5	12,102.9	102.6	28,341.8	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16,475.8	0.0	0.0	0.0	0.0	0.0	622.6	0.0
Fontana Union Water Company	0.0	0.0	6,391.7	-11,116.3	1,398.8	3,325.7	0.0	0.0	0.0	0.0	0.0	0.0	181.2	2,231.2	0.0
Fontana Water Company	0.0	0.0	1.0	9,508.6	0.2	834.6	10,344.4	15,137.2	0.0	-4,792.8	0.0	0.0	0.0	0.0	4,792.8
Golden State Water Company	411.5	-8.2	411.5	0.0	90.0	214.0	1,118.7	438.3	0.0	680.4	411.5	268.9	11.7	2,612.9	0.0
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	-0.7	0.0	0.0	0.0	0.0	0.7
Jurupa Community Services	0.0	0.0	2,061.1	2,000.0	451.1	11,941.8	16,454.0	17,557.9	0.0	-1,103.8	0.0	0.0	58.4	6,928.5	1,103.8
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	655.3	-13.1	655.3	0.0	143.4	340.9	1,781.9	136.4	0.0	1,645.5	655.3	990.2	18.6	5,707.7	0.0
Monte Vista Irrigation Co.	232.2	-4.6	676.8	-1,050.0	148.1	352.1	354.4	0.0	0.0	354.4	354.4	0.0	19.2	7,484.8	0.0
Monte Vista Water District	0.0	0.0	4,824.0	6,104.6	1,055.6	2,564.8	14,549.0	8,337.7	8,500.0	-2,288.7	0.0	0.0	136.7	7,966.5	2,288.7
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	762.6	0.0	-762.6	0.0	0.0	0.0	0.0	762.6
Nicholson Trust	4.0	-0.1	4.0	-8.6	0.8	2.0	2.1	0.0	0.0	2.1	2.1	0.0	0.1	0.7	0.0
Norco, City of	201.5	-4.0	201.5	0.0	44.2	105.0	548.2	0.0	0.0	548.2	201.5	346.7	5.7	844.0	0.0
Ontario, City of	65.7	-1.3	11,373.8	16,499.1	2,489.0	7,060.5	37,486.9	28,419.4	1,208.0	7,859.4	7,859.4	0.0	322.4	15,652.0	0.0
Pomona, City of	3,337.7	-66.8	11,215.9	-2,500.0	2,454.5	5,835.5	20,276.7	9,945.5	4,083.8	6,247.5	6,247.5	0.0	317.9	15,183.0	0.0
San Antonio Water Company	1,506.9	-30.1	1,506.9	0.0	329.8	784.0	4,097.4	1,837.3	0.0	2,260.1	1,506.9	753.2	42.7	7,995.7	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	-12.6	0.0	0.0	0.0	0.0	12.6
Santa Ana Water Company	781.1	-15.6	1,301.4	-2,000.0	284.8	677.0	1,028.6	415.1	0.0	613.5	613.5	0.0	36.9	585.6	0.0
Upland, City of	2,852.4	-57.0	2,852.4	14,549.0	624.2	1,484.1	22,305.1	2,201.7	3,001.0	17,102.4	2,852.4	14,250.0	80.9	12,984.8	0.0
West End Consol. Water Co.	947.7	-19.0	947.7	0.0	207.4	493.0	2,576.8	0.0	0.0	2,576.8	947.7	1,629.1	26.9	5,465.3	0.0
West Valley Water District	644.3	-12.9	644.3	0.0	141.0	335.2	1,752.0	0.0	0.0	1,752.0	644.3	1,107.7	18.3	3,342.2	0.0
Total	21,288.3	-425.8	54,834.0	46,609.4	12,000.0	48,900.0	183,206.0	140,789.9	20,673.6	58,891.9	32,061.4	36,051.5	1,554.4	142,234.1	9,221.0

Table A-7. Fiscal Year 2007 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	2% Carryover Storage Loss	Assigned Share of Safe Yield	Water Transaction Activity	New Yield 12,000	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2007-08 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	391.8	0.0	-391.8	0.0	0.0	0.0	391.8
Chino Hills, City of	2,111.4	-42.2	2,111.4	266.2	462.1	1,863.4	6,772.3	1,582.6	2,900.0	2,289.7	2,111.4	178.3	5,892.2	0.0
Chino, City of	4,033.9	-80.7	4,033.9	-4,933.5	882.8	7,304.3	11,240.7	5,080.7	2,980.9	3,179.1	3,179.1	0.0	12,205.1	0.0
Cucamonga Valley Water District	3,619.5	-72.4	3,619.5	11,187.8	792.1	2,288.1	21,434.6	18,786.4	0.0	2,648.2	2,648.2	0.0	29,275.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,356.2	0.0	0.0	0.0	0.0	374,254.0	0.0
Fontana Union Water Company	0.0	0.0	6,391.7	-10,508.2	1,398.8	3,165.8	448.1	0.0	0.0	448.1	448.1	0.0	2,186.5	0.0
Fontana Water Company	0.0	0.0	1.0	13,507.7	0.2	691.1	14,200.0	16,124.0	0.0	-1,924.0	0.0	0.0	0.0	1,924.0
Golden State Water Company	411.5	-8.2	411.5	0.0	90.0	203.7	1,108.4	880.7	0.0	227.7	227.7	0.0	2,560.6	0.0
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jurupa Community Services	0.0	0.0	2,061.1	2,128.6	451.1	10,855.9	15,496.7	17,840.3	0.0	-2,343.5	0.0	0.0	6,790.0	2,343.5
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	655.3	-13.1	655.3	16.0	143.4	324.5	1,781.5	183.5	0.0	1,597.9	655.3	942.6	6,536.2	0.0
Monte Vista Irrigation Co.	354.4	-7.1	676.8	-1,300.0	148.1	335.1	207.3	0.0	0.0	207.3	207.3	0.0	7,335.1	0.0
Monte Vista Water District	0.0	0.0	4,824.0	2,143.8	1,055.6	2,434.7	10,458.1	11,279.4	6,600.0	-7,421.3	0.0	0.0	7,807.2	7,421.3
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,106.3	0.0	-1,106.3	0.0	0.0	0.0	1,106.3
Nicholson Trust	2.1	0.0	4.0	-7.0	0.8	1.9	1.8	0.0	0.0	1.8	1.8	0.0	0.0	0.0
Norco, City of	201.5	-4.0	201.5	0.0	44.2	99.9	543.2	0.0	0.0	543.2	201.5	341.6	1,168.7	0.0
Ontario, City of	7,859.4	-157.2	11,373.8	6,490.5	2,489.0	6,789.3	34,844.9	23,905.4	1,300.0	9,639.5	9,639.5	0.0	15,338.9	0.0
Pomona, City of	6,247.5	-124.9	11,215.9	-2,387.3	2,454.5	5,554.9	22,960.4	10,893.6	3,376.9	8,689.9	8,689.9	0.0	14,879.3	0.0
San Antonio Water Company	1,506.9	-30.1	1,506.9	0.0	329.8	746.3	4,059.7	1,325.9	0.0	2,733.8	1,506.9	1,226.9	9,062.7	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	0.0	-15.8	0.0	0.0	0.0	15.8
Santa Ana Water Company	613.5	-12.3	1,301.4	-1,969.0	284.8	644.5	862.8	272.8	0.0	590.0	590.0	0.0	573.9	0.0
Upland, City of	2,852.4	-57.0	2,852.4	4,258.0	624.2	1,412.8	11,942.7	1,520.9	2,478.2	7,943.6	2,852.4	5,091.2	6,923.3	0.0
West End Consol. Water Co.	947.7	-19.0	947.7	0.0	207.4	469.3	2,553.1	0.0	0.0	2,553.1	947.7	1,605.4	3,161.4	0.0
West Valley Water District	644.3	-12.9	644.3	-485.0	141.0	319.1	1,250.9	0.0	0.0	1,250.9	644.3	606.5	2,381.9	0.0
Total	32,061.4	-641.2	54,834.0	18,408.5	12,000.0	45,504.6	162,167.3	157,182.4	19,636.0	31,341.1	34,551.4	9,992.6	508,332.1	13,202.9

Table A-8. Fiscal Year 2008 Water Production Summary with Transfers between Parties

(af)

Party	Beginning of Year Storage Account (2% loss)	Carryover Beginning Balance	2% Carryover Storage Loss	Assigned Share of Safe Yield	Water Transaction Activity	New Yield 12,000	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2008-09 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	366.3	0.0	-366.3	0.0	0.0	0.0	366.3
Chino Hills, City of	5,774.4	2,111.4	-42.2	2,111.4	0.0	462.1	2,113.2	6,755.9	2,142.9	1,169.2	3,443.8	2,111.4	1,332.4	7,322.4	0.0
Chino, City of	11,961.0	3,179.1	-63.6	4,033.9	-5,997.0	882.8	8,291.8	10,327.0	3,463.4	0.0	6,863.6	4,033.9	2,829.8	15,033.3	0.0
Cucamonga Valley Water District	28,689.5	2,648.2	-53.0	3,619.5	24,850.0	792.1	2,594.9	34,451.7	15,294.0	-3,619.2	22,776.9	3,619.5	19,157.5	48,886.0	0.0
Desalter	374,254.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,972.1	0.0	0.0	0.0	0.0	347,281.9	0.0
Fontana Union Water Company	2,142.8	448.1	-9.0	6,391.7	-11,820.0	1,398.8	3,590.3	0.0	0.0	0.0	0.0	0.0	0.0	2,142.8	0.0
Fontana Water Company	0.0	0.0	0.0	1.0	8.2	0.2	783.7	793.2	19,070.5	0.0	-18,277.3	0.0	0.0	0.0	18,277.3
Golden State Water Company	2,509.4	227.7	-4.6	411.5	0.0	90.0	231.0	955.6	598.9	0.0	356.7	356.7	0.0	2,509.4	0.0
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jurupa Community Services	6,654.2	0.0	0.0	2,061.1	0.0	451.1	12,560.7	15,072.9	16,225.9	-164.3	-988.6	0.0	0.0	6,685.6	988.6
Marygold Mutual Water Company	6,405.5	655.3	-13.1	655.3	16.0	143.4	368.1	1,825.0	544.0	0.0	1,280.9	655.3	625.6	7,031.1	0.0
Monte Vista Irrigation Co.	7,188.4	207.3	-4.1	676.8	0.0	148.1	380.1	1,408.1	0.0	0.0	1,408.1	676.8	731.3	7,919.7	0.0
Monte Vista Water District	7,651.0	0.0	0.0	4,824.0	2,212.7	1,055.6	2,761.1	10,853.4	12,817.2	-2,636.0	672.2	672.2	0.0	7,756.3	0.0
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,153.0	0.0	-1,153.0	0.0	0.0	0.0	1,153.0
Nicholson Trust	0.0	1.8	0.0	4.0	-8.2	0.8	2.2	0.6	0.0	0.0	0.6	0.6	0.0	0.0	0.0
Norco, City of	1,145.3	201.5	-4.0	201.5	0.0	44.2	113.3	556.6	0.0	0.0	556.6	201.5	355.0	1,500.4	0.0
Ontario, City of	15,032.1	9,639.5	-192.8	11,373.8	3,215.0	2,489.0	7,726.8	34,251.4	22,430.9	-2,000.0	13,820.5	11,373.8	2,446.6	18,445.2	0.0
Pomona, City of	14,581.7	8,689.9	-173.8	11,215.9	-4,280.3	2,454.5	6,299.7	24,205.8	13,187.9	-1,000.0	12,017.8	11,215.9	802.0	15,383.7	0.0
San Antonio Water Company	8,881.4	1,506.9	-30.1	1,506.9	-2,000.0	329.8	846.4	2,159.8	1,197.6	0.0	962.2	962.2	0.0	8,881.4	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1	0.0	-16.1	0.0	0.0	0.0	16.1
Santa Ana Water Company	562.5	590.0	-11.8	1,301.4	-969.0	284.8	730.9	1,926.2	402.1	0.0	1,524.2	1,301.4	222.8	785.2	0.0
Upland, City of	6,784.8	2,852.4	-57.0	2,852.4	160.7	624.2	1,602.2	8,034.8	3,064.1	-646.4	5,617.2	2,852.4	2,764.8	9,789.5	0.0
West End Consol. Water Co.	3,098.2	947.7	-19.0	947.7	0.0	207.4	532.2	2,616.0	0.0	0.0	2,616.0	947.7	1,668.3	4,766.5	0.0
West Valley Water District	2,334.3	644.3	-12.9	644.3	15.0	141.0	361.9	1,793.6	0.0	0.0	1,793.6	644.3	1,149.3	2,983.6	0.0
Total	505,650.5	34,551.4	-691.0	54,834.0	5,403.0	12,000.0	51,890.3	157,987.7	130,050.0	-8,896.7	54,909.7	41,625.5	34,085.5	515,104.0	20,801.3

Table A-9. Fiscal Year 2009 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	2% Carryover Storage Loss	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2009-10 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	349.8	0.0	-349.8	0.0	0.0	0.0	349.8
Chino Hills, City of	2,111.4	-42.2	2,111.4	0.0	2,053.0	6,233.6	1,987.9	0.0	4,245.7	2,111.4	2,134.3	9,551.5	0.0
Chino, City of	4,033.9	-80.7	4,033.9	-5,085.0	8,055.5	10,957.6	3,287.2	-1,043.1	8,713.4	4,033.9	4,679.6	19,693.8	0.0
Cucamonga Valley Water District	3,619.5	-72.4	3,619.5	9,879.7	2,521.0	19,567.2	23,747.8	-12,742.3	8,561.8	3,619.5	4,942.3	54,342.4	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	32,920.5	0.0	0.0	0.0	0.0	314,361.4	0.0
Fontana Union Water Company	0.0	0.0	6,391.7	-9,879.7	3,488.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	0.0	1.0	4,270.6	761.4	5,033.0	13,201.9	0.0	-8,168.9	0.0	0.0	0.0	8,168.9
Golden State Water Company	356.7	-7.1	411.5	0.0	224.4	985.5	747.5	0.0	238.0	238.0	0.0	2,459.2	0.0
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jurupa Community Services	0.0	0.0	2,061.1	1,000.0	12,448.1	15,509.2	19,484.6	-2,325.3	-1,650.1	0.0	0.0	5,551.9	1,650.1
Marygold Mutual Water Company	655.3	-13.1	655.3	16.0	357.6	1,671.1	142.4	0.0	1,528.7	655.3	873.4	1,863.8	0.0
Monte Vista Irrigation Co.	676.8	-13.5	676.8	0.0	369.2	1,709.2	0.0	0.0	1,709.2	676.8	1,032.5	8,793.8	0.0
Monte Vista Water District	672.2	-13.4	4,824.0	3,712.7	2,682.5	11,877.8	15,344.2	-5,825.0	2,358.6	2,358.6	0.0	7,720.4	0.0
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	1,210.2	0.0	-1,210.2	0.0	0.0	0.0	1,210.2
Nicholson Trust	0.6	0.0	4.0	-5.6	2.1	1.1	0.0	0.0	1.1	1.1	0.0	0.0	0.0
Norco, City of	201.5	-4.0	201.5	0.0	110.1	509.2	0.0	0.0	509.2	201.5	307.6	1,778.0	0.0
Ontario, City of	11,373.8	-227.5	11,373.8	845.0	7,506.7	30,871.8	25,469.9	-12,248.0	17,649.9	11,373.8	6,276.1	25,462.9	0.0
Pomona, City of	11,215.9	-224.3	11,215.9	-3,280.3	6,120.2	25,047.3	13,730.7	-2,000.0	13,316.5	11,215.9	2,100.7	17,176.7	0.0
San Antonio Water Company	962.2	-19.2	1,506.9	-765.0	822.3	2,507.1	992.1	0.0	1,515.0	1,506.9	8.1	8,711.9	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	22.3	0.0	-22.3	0.0	0.0	0.0	22.3
Santa Ana Water Company	1,301.4	-26.0	1,301.4	-2,769.0	710.0	517.8	160.2	0.0	357.6	357.6	0.0	769.5	0.0
Upland, City of	2,852.4	-57.0	2,852.4	160.7	1,556.5	7,365.0	3,723.9	-2,702.5	6,343.6	2,852.4	3,491.2	13,359.0	0.0
West End Consol. Water Co.	947.7	-19.0	947.7	0.0	517.0	2,393.5	0.0	0.0	2,393.5	947.7	1,445.8	6,117.0	0.0
West Valley Water District	644.3	-12.9	644.3	15.0	351.6	1,642.3	0.0	0.0	1,642.3	644.3	998.0	3,421.9	0.0
Total	41,625.5	-832.5	54,834.0	-1,885.0	50,657.2	144,399.3	117,636.9	-38,886.2	59,682.8	42,794.6	28,289.5	501,135.3	11,401.3

Table A-10. Fiscal Year 2010 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	2% Carryover Storage Loss	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2010-11 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	373.7	0.0	-373.7	0.0	0.0	0.0	373.7
Chino Hills, City of	2,111.4	-42.2	2,111.4	0.0	2,056.8	6,237.4	973.6	0.0	5,263.8	2,111.4	3,152.4	13,123.7	0.0
Chino, City of	4,033.9	-80.7	4,033.9	-5,085.0	8,113.8	11,015.8	1,206.6	-1,630.9	11,440.1	4,033.9	7,406.2	27,388.2	0.0
Cucamonga Valley Water District	3,619.5	-72.4	3,619.5	9,886.1	2,525.6	19,578.3	19,263.2	-11,260.2	11,575.3	3,619.5	7,955.9	60,211.9	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	28,516.7	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	0.0	6,391.7	-9,886.1	3,494.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	0.0	1.0	10,006.1	762.8	10,769.9	13,557.5	0.0	-2,787.6	0.0	0.0	0.0	2,787.6
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	238.0	-4.8	411.5	0.0	224.8	869.5	359.4	0.0	510.1	411.5	98.6	2,508.7	0.0
Jurupa Community Services	0.0	0.0	2,061.1	1,200.0	12,622.3	15,883.4	15,538.2	-1,809.9	2,155.1	2,061.1	94.0	6,124.2	0.0
Marygold Mutual Water Company	655.3	-13.1	655.3	16.0	358.2	1,671.8	346.1	0.0	1,325.6	655.3	670.3	2,492.0	0.0
Monte Vista Irrigation Co.	676.8	-13.5	676.8	-1,709.9	369.9	0.0	0.0	0.0	0.0	0.0	0.0	8,327.8	0.0
Monte Vista Water District	2,358.6	-47.2	4,824.0	3,237.1	2,687.4	13,059.9	15,572.1	-3,918.8	1,406.6	1,406.6	0.0	7,856.1	0.0
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	1,298.4	0.0	-1,298.4	0.0	0.0	0.0	1,298.4
Nicholson Trust	1.1	0.0	4.0	-6.1	2.1	1.1	0.0	0.0	1.1	1.1	0.0	0.0	0.0
Norco, City of	201.5	-4.0	201.5	0.0	110.3	509.4	0.0	0.0	509.4	201.5	307.8	2,050.2	0.0
Ontario, City of	11,373.8	-227.5	11,373.8	845.0	7,520.5	30,885.6	19,709.0	-2,230.8	13,407.4	11,373.8	2,033.6	29,782.0	0.0
Pomona, City of	11,215.9	-224.3	11,215.9	-2,280.3	6,131.5	26,058.5	11,403.9	-2,042.5	16,697.2	11,215.9	5,481.3	22,314.5	0.0
San Antonio Water Company	1,506.9	-30.1	1,506.9	-789.4	823.8	3,018.0	966.2	0.0	2,051.7	1,506.9	544.9	9,082.6	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0	-16.5	0.0	0.0	0.0	16.5
Santa Ana Water Company	357.6	-7.2	1,301.4	-2,169.0	711.4	194.2	0.0	0.0	194.2	194.2	0.0	754.1	0.0
Upland, City of	2,852.4	-57.0	2,852.4	-4,339.3	1,559.4	2,867.8	3,409.6	-2,367.5	1,825.7	1,825.7	0.0	13,771.7	0.0
West End Consol. Water Co.	947.7	-19.0	947.7	-2,394.5	518.0	0.0	0.0	0.0	0.0	0.0	0.0	1,889.1	0.0
West Valley Water District	644.3	-12.9	644.3	15.0	352.2	1,643.0	0.0	0.0	1,643.0	644.3	998.7	3,352.2	0.0
Total	42,794.6	-855.9	54,834.0	-3,454.3	50,945.2	144,263.6	107,250.0	-25,260.6	65,530.3	41,262.7	28,743.8	211,029.0	4,476.1

Table A-11. Fiscal Year 2011 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2011-12 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	408.5	0.0	-408.5	0.0	0.0	0.0	408.5
Chino Hills, City of	2,111.4	2,111.4	0.0	2,074.1	6,254.7	1,766.6	0.0	4,488.1	2,111.4	2,376.7	15,956.6	0.0
Chino, City of	4,033.9	4,033.9	-4,055.7	8,219.8	12,151.1	689.9	-16.8	11,478.0	4,033.9	7,444.1	35,111.5	0.0
Cucamonga Valley Water District	3,619.5	3,619.5	9,915.6	2,546.9	19,629.1	20,317.7	-982.8	294.2	294.2	0.0	60,675.6	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	29,318.7	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	6,391.7	-9,915.6	3,523.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	1.0	7,487.0	769.3	8,257.3	8,348.5	0.0	-91.2	0.0	0.0	0.0	91.2
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	411.5	411.5	0.0	226.7	1,041.4	443.9	0.0	597.5	411.5	186.0	2,644.5	0.0
Jurupa Community Services	2,061.1	2,061.1	1,100.0	12,774.1	17,955.2	14,228.9	-727.6	4,453.9	2,061.1	2,392.7	8,797.5	0.0
Marygold Mutual Water Company	655.3	655.3	16.0	361.2	1,674.8	1,107.4	0.0	567.4	567.4	0.0	2,442.1	0.0
Monte Vista Irrigation Co.	0.0	676.8	0.0	373.0	1,049.8	0.0	0.0	1,049.8	676.8	373.0	8,534.3	0.0
Monte Vista Water District	1,406.6	4,824.0	4,547.0	2,710.1	13,459.5	11,858.8	-2,989.2	4,589.9	4,589.9	0.0	7,537.3	0.0
Niagara Bottling Company	0.0	0.0	672.3	0.0	672.3	1,344.7	0.0	-672.3	0.0	0.0	1,421.7	672.3
Nicholson Trust	1.1	4.0	-7.0	2.1	0.2	0.0	0.0	0.2	0.2	0.0	0.0	0.0
Norco, City of	201.5	201.5	0.0	111.2	510.3	0.0	0.0	510.3	201.5	308.8	2,318.0	0.0
Ontario, City of	11,373.8	11,373.8	92.1	7,583.9	30,196.2	14,260.0	-3,655.9	19,592.2	11,373.8	8,218.3	40,688.5	0.0
Pomona, City of	11,215.9	11,215.9	219.7	6,183.2	28,610.3	10,527.8	0.0	18,082.4	11,215.9	6,866.6	26,769.7	0.0
San Antonio Water Company	1,506.9	1,506.9	-2,169.5	830.7	1,644.9	716.1	0.0	928.8	928.8	0.0	9,200.9	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	17.6	0.0	-17.6	0.0	0.0	0.0	17.6
Santa Ana Water Company	194.2	1,301.4	-2,026.1	717.4	182.9	12.5	0.0	170.4	170.4	0.0	739.1	0.0
Upland, City of	1,825.7	2,852.4	-4,297.4	1,572.6	1,916.8	733.8	0.0	1,183.0	1,183.0	0.0	14,655.6	0.0
West End Consol. Water Co.	0.0	947.7	0.0	522.4	1,470.1	0.0	0.0	1,470.1	947.7	522.4	2,373.7	0.0
West Valley Water District	644.3	644.3	15.0	355.2	1,645.9	0.0	0.0	1,645.9	644.3	1,001.6	4,286.7	0.0
Total	41,262.7	54,834.0	1,593.5	51,457.9	148,322.8	107,729.1	-8,372.2	69,912.4	41,411.7	29,690.3	244,153.2	1,189.6

Table A-12. Fiscal Year 2012 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Prior Year Adjustments to Storage Accounts	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Total Net Under/Over-Production	Carryover to 2012-13 Production	Excess Carryover	Allocated Water from Settlement Agreements	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	369.0	-369.0	0.0	0.0	56.4	56.4	369.0
Chino Hills, City of	2,111.4	251.0	2,111.4	0.0	1,945.7	6,419.5	3,401.2	3,018.4	2,111.4	907.0	966.9	18,247.8	0.0
Chino, City of	4,033.9	467.0	4,033.9	0.0	7,757.2	16,291.9	0.0	16,291.9	4,033.9	12,258.0	1,680.8	49,034.1	0.0
Cucamonga Valley Water District	294.2	423.9	3,619.5	9,527.4	2,389.2	16,254.1	14,948.7	1,305.4	1,305.4	0.0	3,908.7	65,253.7	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	28,378.9	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	0.0	6,391.7	-9,697.4	3,305.6	0.0	0.0	0.0	0.0	0.0	1,956.9	1,956.9	0.0
Fontana Water Company	0.0	0.0	1.0	4,971.9	721.6	5,694.5	5,694.5	0.0	0.0	0.0	2,128.1	10,181.3	0.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	411.5	41.1	411.5	0.0	212.7	1,076.8	745.7	331.0	331.0	0.0	246.5	2,838.1	0.0
Jurupa Community Services	2,061.1	41.2	2,061.1	1,000.0	12,112.4	17,275.9	15,916.8	1,359.1	1,359.1	0.0	3,584.0	12,959.4	0.0
Marygold Mutual Water Company	567.4	78.6	655.3	16.0	338.9	1,656.2	1,175.0	481.3	481.3	0.0	223.5	2,616.8	0.0
Monte Vista Irrigation Co.	676.8	42.9	676.8	0.0	349.9	1,746.4	0.0	1,746.4	676.8	1,069.6	207.2	9,470.4	0.0
Monte Vista Water District	4,589.9	88.7	4,824.0	715.1	2,542.2	12,759.9	9,911.6	2,848.2	2,848.2	0.0	3,480.4	11,047.5	0.0
Niagara Bottling Company	0.0	0.0	0.0	674.6	0.0	674.6	1,349.2	-674.6	0.0	0.0	195.0	4,819.7	674.6
Nicholson Trust	0.2	0.2	4.0	-5.0	2.0	1.4	0.0	1.4	1.4	0.0	1.2	1.2	0.0
Norco, City of	201.5	24.2	201.5	0.0	104.4	531.6	0.0	531.6	201.5	330.1	61.8	2,663.5	0.0
Ontario, City of	11,373.8	1,033.7	11,373.8	1,643.0	7,114.2	32,538.5	13,698.4	18,840.1	11,373.8	7,466.3	6,600.1	57,012.5	0.0
Pomona, City of	11,215.9	1,038.5	11,215.9	219.7	5,800.2	29,490.1	11,420.2	18,069.9	11,215.9	6,854.0	5,485.6	38,573.9	0.0
San Antonio Water Company	928.8	169.9	1,506.9	-2,065.4	779.3	1,319.5	172.4	1,147.1	1,147.1	0.0	621.2	9,739.1	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	14.8	-14.8	0.0	0.0	3.5	3.5	14.8
Santa Ana Water Company	170.4	76.8	1,301.4	-1,138.9	672.9	1,082.5	0.0	1,082.5	1,082.5	0.0	424.2	1,148.4	0.0
Upland, City of	1,183.0	321.8	2,852.4	-9.3	1,475.2	5,823.0	525.0	5,298.0	2,852.4	2,445.6	1,255.7	18,876.9	0.0
West End Consol. Water Co.	947.7	94.8	947.7	0.0	490.0	2,480.2	0.0	2,480.2	947.7	1,532.5	290.1	4,148.8	0.0
West Valley Water District	644.3	77.3	644.3	15.0	333.2	1,714.1	0.0	1,714.1	644.3	1,069.8	197.3	5,468.1	0.0
Total	41,411.7	4,271.7	54,834.0	5,866.7	48,446.7	154,830.7	107,721.5	75,488.1	42,613.6	33,932.9	33,575.0	326,117.9	1,058.4

Table A-13. Fiscal Year 2013 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Total Net Under/Over-Production	Carryover to 2013-14 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	55.3	0.0	55.3	412.6	-357.3	0.0	0.0	0.0	357.3
Chino Hills, City of	2,111.4	2,111.4	50.8	1,923.0	6,196.7	6,196.7	0.0	0.0	0.0	18,742.1	0.0
Chino, City of	4,033.9	4,033.9	0.0	8,004.0	16,071.7	0.0	16,071.7	4,033.9	12,037.8	61,147.9	0.0
Cucamonga Valley Water District	1,305.4	3,619.5	11,453.7	2,361.4	18,740.0	18,740.0	0.0	0.0	0.0	66,486.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	27,061.7	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	6,391.7	-9,658.9	3,267.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	1.0	11,038.1	713.2	11,752.4	11,752.4	0.0	0.0	0.0	2,446.0	0.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	331.0	411.5	106.8	210.2	1,059.5	1,059.5	0.0	0.0	0.0	2,774.6	0.0
Jurupa Community Services	1,359.1	2,061.1	1,426.8	12,051.6	16,898.6	16,898.6	0.0	0.0	0.0	12,947.0	0.0
Marygold Mutual Water Company	481.3	655.3	16.0	334.9	1,487.5	1,249.6	238.0	238.0	0.0	2,564.4	0.0
Monte Vista Irrigation Co.	676.8	676.8	0.0	345.9	1,699.4	0.0	1,699.4	676.8	1,022.6	10,303.7	0.0
Monte Vista Water District	2,848.2	4,824.0	2,219.6	2,512.7	12,404.5	6,607.6	5,796.9	4,824.0	973.0	12,228.6	0.0
Niagara Bottling Company	0.0	0.0	675.0	0.0	675.0	999.5	-324.5	0.0	0.0	4,048.3	324.5
Nicholson Trust	1.4	4.0	-6.5	2.0	0.8	0.0	0.8	0.8	0.0	1.2	0.0
Norco, City of	201.5	201.5	0.0	103.1	506.2	0.0	506.2	201.5	304.7	2,914.9	0.0
Ontario, City of	11,373.8	11,373.8	862.0	7,073.0	30,682.6	16,209.3	14,473.3	11,373.8	3,099.5	63,062.6	0.0
Pomona, City of	11,215.9	11,215.9	219.7	5,732.8	28,384.2	12,227.7	16,156.5	11,215.9	4,940.7	41,243.1	0.0
San Antonio Water Company	1,147.1	1,506.9	-782.0	770.2	2,642.2	1,539.7	1,102.5	1,102.5	0.0	6,710.0	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	11.7	-11.7	0.0	0.0	3.5	11.7
Santa Ana Water Company	1,082.5	1,301.4	-1,069.0	665.1	1,980.0	170.9	1,809.1	1,301.4	507.7	1,633.2	0.0
Upland, City of	2,852.4	2,852.4	2,055.1	1,458.0	9,217.9	2,358.2	6,859.7	2,852.4	4,007.3	21,510.9	0.0
West End Consol. Water Co.	947.7	947.7	0.0	484.3	2,379.7	0.0	2,379.7	947.7	1,432.0	4,330.9	0.0
West Valley Water District	644.3	644.3	15.0	329.3	1,633.0	0.0	1,633.0	644.3	988.6	6,347.4	0.0
Total	42,613.6	54,834.0	18,677.4	48,342.0	164,467.0	123,495.4	68,033.3	39,412.9	29,313.9	341,446.1	693.6

Table A-14. Fiscal Year 2014 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2014-15 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	70.0	70.0	379.1	379.1	-309.1	0.0	0.0	0.0	309.1
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	0.0	2,111.4	1,998.6	3,114.0	7,224.0	7,224.0	7,224.0	0.0	0.0	0.0	16,446.0	0.0
Chino, City of	4,033.9	4,033.9	8,368.0	0.0	16,435.7	0.0	0.0	16,435.7	4,033.9	12,401.8	73,723.3	0.0
Cucamonga Valley Water District	0.0	3,619.5	2,304.1	14,579.7	20,503.3	16,121.6	16,121.6	4,381.7	3,619.5	762.3	62,412.3	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	29,242.6	29,242.6	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	6,391.7	3,188.0	-9,579.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	1.0	695.9	14,680.7	15,377.6	15,377.6	15,377.6	0.0	0.0	0.0	217.8	0.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	411.5	205.1	119.8	736.4	736.4	736.4	0.0	0.0	0.0	2,602.4	0.0
Jurupa Community Services District	0.0	2,061.1	12,597.7	3,359.5	18,018.3	18,018.3	18,018.3	0.0	0.0	0.0	11,013.7	0.0
Marygold Mutual Water Company	238.0	655.3	326.8	16.0	1,236.1	1,314.7	1,314.7	-78.7	0.0	0.0	2,328.9	78.7
Monte Vista Irrigation Company	676.8	676.8	337.5	31.5	1,722.5	0.0	0.0	1,722.5	676.8	1,045.7	11,010.1	0.0
Monte Vista Water District	4,824.0	4,824.0	2,451.7	1,615.9	13,715.6	6,998.7	6,998.7	6,716.8	4,824.0	1,892.9	13,221.7	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	600.0	600.0	1,342.6	1,342.6	-742.6	0.0	0.0	3,367.3	742.6
Nicholson Trust	0.8	4.0	1.9	-6.5	0.2	0.0	0.0	0.2	0.2	0.0	0.4	0.0
Norco, City of	201.5	201.5	100.6	0.0	503.7	0.0	0.0	503.7	201.5	302.2	3,119.1	0.0
Ontario, City of	11,373.8	11,373.8	7,374.3	80.0	30,202.0	15,697.0	15,697.0	14,504.9	11,373.8	3,131.1	64,856.1	0.0
Pomona, City of	11,215.9	11,215.9	5,593.8	219.7	28,245.1	12,909.3	12,909.3	15,335.8	11,215.9	4,120.0	38,542.0	0.0
San Antonio Water Company	1,102.5	1,506.9	751.5	-2,185.3	1,175.6	1,159.2	1,159.2	16.4	16.4	0.0	5,226.8	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	3.4	3.4	16.4	16.4	-13.0	0.0	0.0	0.0	13.0
Santa Ana River Water Company	1,301.4	1,301.4	649.0	-1,169.0	2,082.7	48.5	48.5	2,034.2	1,301.4	732.8	2,075.0	0.0
Upland, City of	2,852.4	2,852.4	1,422.6	3,769.7	10,897.2	2,822.0	2,822.0	8,075.1	2,852.4	5,222.7	26,931.9	0.0
West End Consolidated Water Co	947.7	947.7	472.6	0.0	2,368.0	0.0	0.0	2,368.0	947.7	1,420.3	4,310.9	0.0
West Valley Water District	644.3	644.3	321.3	15.0	1,625.0	0.0	0.0	1,625.0	644.3	980.7	6,574.2	0.0
Total	39,412.9	54,834.0	49,161.1	29,334.4	172,742.4	129,408.1	129,408.1	72,576.9	41,707.6	32,012.5	347,980.1	1,143.3

Table A-15. Fiscal Year 2015 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2015-16 Production	Excess Carryover	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	10.8	10.8	426.1	426.1	-415.3	0.0	0.0	415.3
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	0.0	1,919.1	2,282.3	0.0	4,201.4	3,661.3	3,661.3	540.1	540.1	0.0	0.0
Chino, City of	4,033.9	3,666.3	9,884.3	0.0	17,584.4	0.0	0.0	17,584.4	3,666.3	13,918.2	0.0
Cucamonga Valley Water District	3,619.5	3,289.5	2,414.4	12,516.2	21,839.6	14,640.0	14,640.0	7,199.7	3,289.5	3,910.1	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	29,990.0	29,990.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	5,809.1	3,207.1	-9,016.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	1.0	834.6	14,944.1	15,779.6	13,344.2	13,344.2	2,435.4	1.0	2,434.4	0.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	373.8	206.3	170.0	750.1	720.3	720.3	29.8	29.8	0.0	0.0
Jurupa Community Services District	0.0	1,873.3	15,094.6	1,450.1	18,417.9	12,466.6	12,466.6	5,951.3	1,873.3	4,078.1	0.0
Marygold Mutual Water Company	0.0	595.5	328.8	326.1	1,250.4	1,250.3	1,250.3	0.0	0.0	0.0	0.0
Monte Vista Irrigation Company	676.8	615.0	339.5	35.3	1,666.5	0.0	0.0	1,666.5	615.0	1,051.6	0.0
Monte Vista Water District	4,824.0	4,383.9	2,475.3	1,051.8	12,734.9	6,881.5	6,881.5	5,853.4	4,383.9	1,469.5	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	600.0	600.0	1,859.8	1,859.8	-1,259.8	0.0	0.0	1,259.8
Nicholson Trust	0.2	3.5	1.9	-4.5	1.2	0.0	0.0	1.2	1.2	0.0	0.0
Norco, City of	201.5	183.4	101.2	0.0	486.2	0.0	0.0	486.2	183.4	302.8	0.0
Ontario, City of	11,373.8	10,336.6	7,843.2	736.5	30,290.2	11,430.6	11,430.6	18,859.5	10,336.6	8,523.0	0.0
Pomona, City of	11,215.9	10,193.0	5,627.3	219.7	27,255.9	12,520.4	12,520.4	14,735.5	10,193.0	4,542.4	0.0
San Antonio Water Company	16.4	1,369.4	756.0	-662.7	1,479.1	1,479.1	1,479.1	0.0	0.0	0.0	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	10.9	10.9	-10.9	0.0	0.0	10.9
Santa Ana River Water Company	1,301.4	1,182.6	652.9	-1,169.0	1,967.8	0.0	0.0	1,967.8	1,182.6	785.2	0.0
Upland, City of	2,852.4	2,592.4	1,431.2	-1,109.4	5,766.5	3,416.4	3,416.4	2,350.1	2,350.1	0.0	0.0
West End Consolidated Water Co	947.7	861.1	475.4	0.0	2,284.3	0.0	0.0	2,284.3	861.1	1,423.1	0.0
West Valley Water District	644.3	585.6	323.3	15.0	1,568.1	0.0	0.0	1,568.1	585.6	982.6	0.0
Total	41,707.6	49,834.0	54,279.5	20,113.8	165,934.9	114,097.5	114,097.5	81,827.4	40,092.3	43,421.0	1,685.9

Table A-16. Fiscal Year 2016 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2016-17 Production	Excess Carryover	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	20.4	20.4	356.2	356.2	-335.8	0.0	0.0	335.8
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	540.1	1,919.1	2,346.6	0.0	4,805.8	1,548.3	1,548.3	3,257.5	1,919.1	1,338.4	0.0
Chino, City of	3,666.3	3,666.3	10,456.5	0.0	17,789.1	0.0	0.0	17,789.1	3,666.3	14,122.8	0.0
Cucamonga Valley Water District	3,289.5	3,289.5	2,524.7	12,711.0	21,814.8	20,534.7	20,534.7	1,280.0	1,280.0	0.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	28,162.9	28,162.9	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	5,809.1	3,401.8	-9,211.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	1.0	1.0	834.6	15,145.8	15,982.3	15,317.2	15,317.2	665.2	1.0	664.2	0.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	29.8	373.8	218.9	185.0	807.4	807.4	807.4	0.0	0.0	0.0	0.0
Jurupa Community Services District	1,873.3	1,873.3	15,298.7	1,763.5	20,808.7	8,952.8	8,952.8	11,856.0	1,873.3	9,982.7	0.0
Marygold Mutual Water Company	0.0	595.5	348.7	16.0	960.3	752.7	752.7	207.5	207.5	0.0	0.0
Monte Vista Irrigation Company	615.0	615.0	360.1	30.9	1,620.9	0.0	0.0	1,620.9	615.0	1,005.9	0.0
Monte Vista Water District	4,383.9	4,383.9	2,634.8	896.7	12,299.3	8,203.7	8,203.7	4,095.6	4,095.6	0.0	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	600.0	600.0	1,774.6	1,774.6	-1,174.6	0.0	0.0	1,174.6
Nicholson Trust	1.2	3.5	2.0	-6.5	0.2	0.0	0.0	0.2	0.2	0.0	0.0
Norco, City of	183.4	183.4	107.4	0.0	474.2	0.0	0.0	474.2	183.4	290.8	0.0
Ontario, City of	10,336.6	10,336.6	8,269.3	80.0	29,022.4	18,053.8	18,053.8	10,968.6	10,336.6	632.0	0.0
Pomona, City of	10,193.0	10,193.0	5,969.0	219.7	26,574.8	9,963.7	9,963.7	16,611.2	10,193.0	6,418.1	0.0
San Antonio Water Company	0.0	1,369.4	801.9	-1,000.0	1,171.4	1,030.8	1,030.8	140.5	140.5	0.0	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	9.4	9.4	-9.4	0.0	0.0	9.4
Santa Ana River Water Company	1,182.6	1,182.6	692.5	-1,109.7	1,948.0	0.0	0.0	1,948.0	1,182.6	765.4	0.0
Upland, City of	2,350.1	2,592.4	1,518.1	1,885.7	8,346.2	2,600.7	2,600.7	5,745.5	2,592.4	3,153.1	0.0
West End Consolidated Water Co	861.1	861.1	504.3	0.0	2,226.5	0.0	0.0	2,226.5	861.1	1,365.4	0.0
West Valley Water District	585.6	585.6	342.9	15.0	1,529.0	0.0	0.0	1,529.0	585.6	943.4	0.0
Total	40,092.3	49,834.0	56,633.0	22,242.4	168,801.7	118,068.9	118,068.9	78,895.7	39,733.1	40,682.3	1,519.7

Table A-17. Fiscal Year 2017 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2017-18 Production	Excess Carryover	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	891.7	891.7	367.3	367.3	524.3	0.0	524.3	0.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,919.1	1,919.1	2,287.3	0.0	6,125.5	2,152.0	2,152.0	3,973.4	1,919.1	2,054.3	0.0
Chino, City of	3,666.3	3,666.3	10,489.4	0.0	17,822.0	388.9	388.9	17,433.0	3,666.3	13,766.8	0.0
Cucamonga Valley Water District	1,280.0	3,289.5	2,423.0	9,569.4	16,562.0	16,562.0	16,562.0	0.0	0.0	0.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	28,252.8	28,252.8	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	5,809.1	3,222.2	-9,031.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	1.0	1.0	834.6	18,000.0	18,836.5	13,250.5	13,250.5	5,586.1	1.0	5,585.1	0.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	373.8	207.3	269.3	850.3	850.3	850.3	0.0	0.0	0.0	0.0
Jurupa Community Services District	1,873.3	1,873.3	15,644.1	1,180.5	20,571.1	11,023.2	11,023.2	9,547.9	1,873.3	7,674.6	0.0
Marygold Mutual Water Company	207.5	595.5	330.3	0.0	1,133.4	618.6	618.6	514.8	514.8	0.0	0.0
Monte Vista Irrigation Company	615.0	615.0	341.1	0.0	1,571.0	0.0	0.0	1,571.0	615.0	956.0	0.0
Monte Vista Water District	4,095.6	4,383.9	2,499.3	638.0	11,616.8	6,865.0	6,865.0	4,751.8	4,383.9	367.9	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	600.0	600.0	1,531.6	1,531.6	-931.6	0.0	0.0	931.6
Nicholson Trust	0.2	3.5	1.9	0.0	5.6	0.0	0.0	5.6	3.5	2.1	0.0
Norco, City of	183.4	183.4	101.7	0.0	468.5	0.0	0.0	468.5	183.4	285.1	0.0
Ontario, City of	10,336.6	10,336.6	8,245.5	673.5	29,592.1	18,970.2	18,970.2	10,621.9	10,336.6	285.3	0.0
Pomona, City of	10,193.0	10,193.0	5,653.9	0.0	26,040.0	8,066.8	8,066.8	17,973.2	10,193.0	7,780.1	0.0
San Antonio Water Company	140.5	1,369.4	759.6	-900.0	1,369.6	537.7	537.7	831.8	831.8	0.0	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	13.0	13.0	-13.0	0.0	0.0	13.0
Santa Ana River Water Company	1,182.6	1,182.6	655.9	-1,100.0	1,921.1	0.0	0.0	1,921.1	1,182.6	738.5	0.0
Upland, City of	2,592.4	2,592.4	1,437.9	-4,087.6	2,535.1	1,071.9	1,071.9	1,463.2	1,463.2	0.0	0.0
West End Consolidated Water Co	861.1	861.1	477.7	-1,612.4	587.5	0.0	0.0	587.5	587.5	0.0	0.0
West Valley Water District	585.6	585.6	324.8	0.0	1,495.9	0.0	0.0	1,495.9	585.6	910.3	0.0
Total	39,733.1	49,834.0	55,937.4	15,090.9	160,595.5	110,522.0	110,522.0	78,326.3	38,340.4	40,930.6	944.6

Table A-18. Fiscal Year 2018 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Prior Year Adjustments	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2018-19 Production	Excess Carryover	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	307.9	307.9	307.9	307.9	0.0	0.0	0.0	0.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,919.1	0.0	1,726.6	2,252.6	0.0	5,898.3	2,764.8	2,764.8	3,133.5	1,726.6	1,406.9	0.0
Chino, City of	3,666.3	0.0	3,298.4	10,483.7	0.0	17,448.4	609.3	609.3	16,839.0	3,298.4	13,540.6	0.0
Cucamonga Valley Water District	0.0	0.0	2,959.5	2,269.0	1,600.4	6,828.8	6,828.8	6,828.8	0.0	0.0	0.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	30,052.3	30,052.3	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	0.0	5,226.3	2,950.2	-8,176.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	1.0	0.0	0.9	834.5	12,509.0	13,345.4	11,392.1	11,392.1	1,953.3	0.9	1,952.4	0.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	-573.3	336.3	189.8	195.0	147.8	147.8	147.8	0.0	0.0	0.0	0.0
Jurupa Community Services District	1,873.3	0.0	1,685.3	15,739.5	0.0	19,298.1	14,843.7	14,843.7	4,454.4	1,685.3	2,769.1	0.0
Marygold Mutual Water Company	514.8	0.0	535.8	302.4	0.0	1,353.0	944.2	944.2	408.8	408.8	0.0	0.0
Monte Vista Irrigation Company	615.0	0.0	553.3	312.3	0.0	1,480.5	0.0	0.0	1,480.5	553.3	927.3	0.0
Monte Vista Water District	4,383.9	0.0	3,944.0	2,294.0	0.0	10,621.9	6,334.6	6,334.6	4,287.4	3,944.0	343.3	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	500.0	500.0	1,571.3	1,571.3	-1,071.3	0.0	0.0	1,071.3
Nicholson Trust	3.5	0.0	3.1	1.8	-8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Norco, City of	183.4	0.0	165.0	93.1	0.0	441.5	0.0	0.0	441.5	165.0	276.5	0.0
Ontario, City of	10,336.6	0.0	9,299.5	8,092.7	62.1	27,790.8	19,816.0	19,816.0	7,974.8	7,974.8	0.0	0.0
Pomona, City of	10,193.0	0.0	9,170.3	5,176.6	0.0	24,540.0	9,285.5	9,285.5	15,254.4	9,170.3	6,084.1	0.0
San Antonio Water Company	831.8	0.0	1,232.0	695.5	-1,374.4	1,385.0	428.4	428.4	956.6	956.6	0.0	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	0.0	11.1	11.1	-11.1	0.0	0.0	11.1
Santa Ana River Water Company	1,182.6	0.0	1,063.9	600.6	0.0	2,847.0	52.6	52.6	2,794.5	1,063.9	1,730.5	0.0
Upland, City of	1,463.2	0.0	2,332.3	1,316.5	853.7	5,965.6	1,521.9	1,521.9	4,443.7	2,332.3	2,111.5	0.0
West End Consolidated Water Co	587.5	0.0	774.7	437.3	-933.7	865.9	0.0	0.0	865.9	774.7	91.1	0.0
West Valley Water District	585.6	0.0	526.8	297.4	0.0	1,409.7	0.0	0.0	1,409.7	526.8	882.9	0.0
Total	38,340.4	-573.3	44,834.0	54,339.4	5,535.1	142,475.6	106,912.2	106,912.2	65,615.6	34,581.7	32,116.3	1,082.4

Table A-19. Fiscal Year 2019 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2019-20 Production	Excess Carryover	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	215.9	215.9	285.4	285.4	-69.5	0.0	0.0	69.5
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,726.6	1,726.6	2,473.4	0.0	5,926.5	1,540.0	1,540.0	4,386.5	1,726.6	2,660.0	0.0
Chino, City of	3,298.4	3,298.4	10,986.4	0.0	17,583.2	1,365.0	1,365.0	16,218.3	3,298.4	12,919.8	0.0
Cucamonga Valley Water District	0.0	2,959.5	2,647.4	6,144.8	11,751.7	9,623.8	9,623.8	2,127.9	2,127.9	0.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	31,199.2	31,199.2	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	5,226.3	3,618.5	-8,844.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.9	0.9	834.6	9,124.2	9,960.6	9,960.6	9,960.6	0.0	0.0	0.0	0.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	336.3	232.8	0.0	569.1	0.0	0.0	569.0	336.3	232.8	0.0
Jurupa Community Services District	1,685.3	1,685.3	16,079.8	0.0	19,450.5	13,529.6	13,529.6	5,920.9	1,685.3	4,235.6	0.0
Marygold Mutual Water Company	408.8	535.8	370.9	0.0	1,315.5	949.8	949.8	365.7	365.7	0.0	0.0
Monte Vista Irrigation Company	553.3	553.3	383.1	0.0	1,489.6	0.0	0.0	1,489.6	553.3	936.3	0.0
Monte Vista Water District	3,944.0	3,944.0	2,798.4	0.0	10,686.4	6,483.1	6,483.1	4,203.3	3,944.0	259.3	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	500.0	500.0	1,683.1	1,683.1	-1,183.1	0.0	0.0	1,183.1
Nicholson Trust	0.0	3.1	2.2	0.0	5.3	0.0	0.0	5.3	3.1	2.2	0.0
Norco, City of	165.0	165.0	114.2	0.0	444.2	0.0	0.0	444.2	165.0	279.2	0.0
Ontario, City of	7,974.8	9,299.5	10,017.5	0.0	27,291.8	16,169.1	16,169.1	11,122.7	9,299.5	1,823.2	0.0
Pomona, City of	9,170.3	9,170.3	6,349.3	0.0	24,690.0	10,839.5	10,839.5	13,850.4	9,170.3	4,680.1	0.0
San Antonio Water Company	956.6	1,232.0	853.0	0.0	3,041.7	376.2	376.2	2,665.4	1,232.0	1,433.4	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	10.8	10.8	-10.8	0.0	0.0	10.8
Santa Ana River Water Company	1,063.9	1,063.9	736.6	0.0	2,864.4	0.0	0.0	2,864.4	1,063.9	1,800.5	0.0
Upland, City of	2,332.3	2,332.3	1,614.8	0.0	6,279.3	2,298.0	2,298.0	3,981.4	2,332.3	1,649.1	0.0
West End Consolidated Water Co	774.7	774.7	536.4	0.0	2,085.9	0.0	0.0	2,085.9	774.7	1,311.1	0.0
West Valley Water District	526.8	526.8	364.7	0.0	1,418.3	0.0	0.0	1,418.3	526.8	891.5	0.0
Total	34,581.7	44,834.0	61,014.1	7,140.1	147,569.9	106,313.4	106,313.4	72,455.8	38,605.2	35,114.1	1,263.4

Table A-20. Fiscal Year 2020 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2020-21 Production	Excess Carryover	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	1,000.0	1,000.0	279.1	0.0	279.1	720.9	0.0	720.9	0.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,726.6	1,726.6	2,431.8	0.0	5,885.0	1,409.0	0.0	1,409.0	4,476.0	1,726.6	2,749.4	0.0
Chino, City of	3,298.4	3,298.4	11,080.1	0.0	17,677.0	2,196.2	0.0	2,196.2	15,480.8	3,298.4	12,182.4	0.0
Cucamonga Valley Water District	2,127.9	2,959.5	2,576.1	-146.5	7,517.1	23,315.4	-17,394.8	5,920.6	1,596.4	1,596.4	0.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	35,597.1	0.0	35,597.1	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	5,226.3	3,492.6	-8,718.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	0.9	834.6	12,004.0	12,839.5	10,426.8	0.0	10,426.8	2,412.7	0.9	2,411.8	0.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	336.3	336.3	224.7	66.4	963.6	640.0	0.0	640.0	323.6	323.6	0.0	0.0
Jurupa Community Services District	1,685.3	1,685.3	16,177.2	0.0	19,547.9	12,241.6	0.0	12,241.6	7,306.3	1,685.3	5,621.0	0.0
Marygold Mutual Water Company	365.7	535.8	358.0	0.0	1,259.5	860.2	0.0	860.2	399.3	399.3	0.0	0.0
Monte Vista Irrigation Company	553.3	553.3	369.7	0.0	1,476.2	0.0	0.0	0.0	1,476.2	553.3	923.0	0.0
Monte Vista Water District	3,944.0	3,944.0	2,741.3	0.0	10,629.4	6,568.2	0.0	6,568.2	4,061.3	3,944.0	117.2	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	1,759.9	0.0	1,759.9	-1,759.9	0.0	0.0	1,759.9
Nicholson Trust	3.1	3.1	2.1	-4.0	4.4	0.0	0.0	0.0	4.4	3.1	1.2	0.0
Norco, City of	165.0	165.0	110.3	0.0	440.2	0.0	0.0	0.0	440.2	165.0	275.2	0.0
Ontario, City of	9,299.5	9,299.5	10,468.7	0.0	29,067.7	13,920.4	0.0	13,920.4	15,147.3	9,299.5	5,847.8	0.0
Pomona, City of	9,170.3	9,170.3	6,128.4	0.0	24,469.1	10,551.2	0.0	10,551.2	13,917.9	9,170.3	4,747.5	0.0
San Antonio Water Company	1,232.0	1,232.0	823.3	0.0	3,287.4	614.4	0.0	614.4	2,673.0	1,232.0	1,441.0	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	7.5	0.0	7.5	-7.5	0.0	0.0	7.5
Santa Ana River Water Company	1,063.9	1,063.9	711.0	-1,000.0	1,838.8	142.6	0.0	142.6	1,696.2	1,063.9	632.3	0.0
Upland, City of	2,332.3	2,332.3	1,558.6	708.3	6,931.4	2,381.2	0.0	2,381.2	4,550.2	2,332.3	2,218.0	0.0
West End Consolidated Water Co	774.7	774.7	517.7	-708.3	1,358.9	0.0	0.0	0.0	1,358.9	774.7	584.2	0.0
West Valley Water District	526.8	526.8	352.1	0.0	1,405.7	0.0	0.0	0.0	1,405.7	526.8	878.9	0.0
Total	38,605.2	44,834.0	60,958.6	3,201.0	147,598.7	122,910.9	-17,394.8	105,516.1	77,679.7	38,095.5	41,351.7	1,767.5

Table A-21. Fiscal Year 2021 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2021-22 Production	Excess Carryover	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	271.3	271.3	271.3	0.0	271.3	0.0	0.0	0.0	0.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,726.6	1,572.5	2,417.9	0.0	5,716.9	2,459.6	0.0	2,459.6	3,257.3	1,572.5	1,684.8	0.0
Chino, City of	3,298.4	3,004.2	11,194.4	0.0	17,497.0	2,762.4	0.0	2,762.4	14,734.6	3,004.2	11,730.4	0.0
Cucamonga Valley Water District	1,596.4	2,695.5	2,552.2	35.6	6,879.7	26,225.7	-20,500.0	5,725.7	1,154.0	1,154.0	0.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	40,114.5	0.0	40,114.5	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	4,760.0	3,450.3	-8,210.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.9	0.8	834.6	10,229.0	11,065.3	13,565.3	-2,500.0	11,065.3	0.0	0.0	0.0	0.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	323.6	306.3	222.0	222.5	1,074.4	1,074.4	0.0	1,074.4	0.0	0.0	0.0	0.0
Jurupa Community Services District	1,685.3	1,535.0	16,328.0	0.0	19,548.3	10,609.9	0.0	10,609.9	8,938.4	1,535.0	7,403.4	0.0
Marygold Mutual Water Company	399.3	488.0	353.7	0.0	1,240.9	840.9	0.0	840.9	400.0	400.0	0.0	0.0
Monte Vista Irrigation Company	553.3	503.9	365.2	0.0	1,422.4	0.0	0.0	0.0	1,422.4	503.9	918.5	0.0
Monte Vista Water District	3,944.0	3,592.2	2,709.4	500.0	10,745.6	7,523.3	0.0	7,523.3	3,222.3	3,222.3	0.0	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	1,751.7	0.0	1,751.7	-1,751.7	0.0	0.0	1,751.7
Nicholson Trust	3.1	2.9	2.1	-6.5	1.6	0.0	0.0	0.0	1.6	1.6	0.0	0.0
Norco, City of	165.0	150.3	108.9	0.0	424.2	0.0	0.0	0.0	424.2	150.3	273.9	0.0
Ontario, City of	9,299.5	8,469.8	10,807.7	0.0	28,576.9	17,171.1	0.0	17,171.1	11,405.8	8,469.8	2,936.0	0.0
Pomona, City of	9,170.3	8,352.2	6,054.1	0.0	23,576.6	9,192.2	0.0	9,192.2	14,384.5	8,352.2	6,032.3	0.0
San Antonio Water Company	1,232.0	1,122.1	813.4	0.0	3,167.5	676.5	0.0	676.5	2,491.0	1,122.1	1,368.9	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	17.2	0.0	17.2	-17.2	0.0	0.0	17.2
Santa Ana River Water Company	1,063.9	969.0	702.4	0.0	2,735.3	175.5	0.0	175.5	2,559.8	969.0	1,590.8	0.0
Upland, City of	2,332.3	2,124.2	1,539.7	0.0	5,996.2	2,107.0	0.0	2,107.0	3,889.2	2,124.2	1,765.0	0.0
West End Consolidated Water Co	774.7	705.6	511.5	0.0	1,991.8	0.0	0.0	0.0	1,991.8	705.6	1,286.2	0.0
West Valley Water District	526.8	479.8	347.8	0.0	1,354.4	0.0	0.0	0.0	1,354.4	479.8	874.6	0.0
Total	38,095.4	40,834.3	61,315.3	3,041.6	143,286.3	136,538.5	-23,000.0	113,538.5	69,862.4	33,766.5	37,864.8	1,768.9

Table A-22. Fiscal Year 2022 Water Production Summary with Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2022-23 Production	Excess Carryover	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	1,000.0	1,000.0	251.6	0.0	251.6	748.4	0.0	748.4	0.0
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,572.5	1,572.5	2,379.3	0.0	5,524.4	2,628.9	0.0	2,628.9	2,895.4	1,572.5	1,322.9	0.0
Chino, City of	3,004.2	3,004.2	11,362.7	0.0	17,371.0	3,059.9	0.0	3,059.9	14,311.1	3,004.2	11,306.9	0.0
Cucamonga Valley Water District	1,154.0	2,695.5	2,486.1	3,032.7	9,368.3	27,281.1	-17,912.8	9,368.3	0.0	0.0	0.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	40,525.4	0.0	40,525.4	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	4,760.0	3,333.7	-8,093.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	0.8	834.6	12,504.5	13,339.9	16,387.1	-5,000.0	11,387.1	1,952.8	0.8	1,952.0	0.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	306.3	214.5	712.8	1,233.5	1,066.1	0.0	1,066.1	167.5	167.5	0.0	0.0
Jurupa Community Services District	1,535.0	1,535.0	16,322.9	0.0	19,392.8	11,601.7	0.0	11,601.7	7,791.1	1,535.0	6,256.1	0.0
Marygold Mutual Water Company	400.0	488.0	341.7	0.0	1,229.8	944.2	0.0	944.2	285.6	285.6	0.0	0.0
Monte Vista Irrigation Company	503.9	503.9	352.9	0.0	1,360.7	0.0	0.0	0.0	1,360.7	503.9	856.8	0.0
Monte Vista Water District	3,222.3	3,592.2	2,621.4	500.0	9,935.9	6,994.9	0.0	6,994.9	2,941.0	2,941.0	0.0	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	2,000.0	2,000.0	1,684.0	0.0	1,684.0	316.0	0.0	316.0	0.0
Nicholson Trust	1.6	2.9	2.0	-4.8	1.6	0.0	0.0	0.0	1.6	1.6	0.0	0.0
Norco, City of	150.3	150.3	105.2	0.0	405.8	0.0	0.0	0.0	405.8	150.3	255.5	0.0
Ontario, City of	8,469.8	8,469.8	11,507.1	0.0	28,446.7	14,390.0	0.0	14,390.0	14,056.6	8,469.8	5,586.9	0.0
Pomona, City of	8,352.2	8,352.2	5,849.5	0.0	22,553.8	10,183.8	0.0	10,183.8	12,370.1	8,352.2	4,017.9	0.0
San Antonio Water Company	1,122.1	1,122.1	785.9	0.0	3,030.1	402.5	0.0	402.5	2,627.6	1,122.1	1,505.5	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	19.8	0.0	19.8	-19.8	0.0	0.0	19.8
Santa Ana River Water Company	969.0	969.0	678.6	0.0	2,616.6	103.2	0.0	103.2	2,513.5	969.0	1,544.5	0.0
Upland, City of	2,124.2	2,124.2	1,487.7	836.6	6,572.6	1,312.4	0.0	1,312.4	5,260.3	2,124.2	3,136.1	0.0
West End Consolidated Water Co	705.6	705.6	494.2	-132.8	1,772.6	0.0	0.0	0.0	1,772.6	705.6	1,067.0	0.0
West Valley Water District	479.8	479.8	336.0	0.0	1,295.6	0.0	0.0	0.0	1,295.6	479.8	815.8	0.0
Total	33,766.5	40,834.3	61,496.0	12,355.3	148,451.7	138,836.6	-22,912.8	115,923.8	73,053.5	32,385.1	40,688.3	19.8

Appendix B

Annual Water Production Summaries for the Appropriative Pool Parties without Transfers between Parties, 2001-2022

Table B-1. Fiscal Year 2001 Water Production Summary without Transfers between Parties

(af)

Agency	Beginning of Year ECO	Beginning of Year Supplemental Storage Account	Total Intital Storage Account	Carryover from 1999-00 Production	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Total Net Under/Over-Production	Carryover to 2001-02 Production	Excess Carryover	MZ-1 6,500 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.6	-3.6	0.0	0.0	0.0	0.0	3.6
Chino, City of	0.0	1,306.5	1,306.5	2,851.8	4,033.9	104.0	5,124.6	12,114.3	7,147.2	4,967.1	4,033.9	933.2	478.2	2,717.9	0.0
Cucamonga Valley Water District	0.0	23,295.5	23,295.5	3,619.5	3,619.5	79.1	5,882.2	13,200.2	6,764.9	6,435.3	3,619.5	2,815.8	1,187.4	27,298.7	0.0
Fontana Union Water Company	0.0	0.0	0.0	0.0	6,396.7	0.0	0.0	6,396.7	0.0	6,396.7	6,396.7	0.0	0.0	0.0	0.0
Fontana Water Company	0.0	0.0	0.0	0.0	0.0	0.0	834.0	834.0	17,900.0	-17,066.0	0.0	0.0	0.0	0.0	17,066.0
Jurupa Community Services	6,951.1	0.0	6,951.1	1,730.4	2,061.1	0.0	8,634.0	12,425.6	11,436.4	989.2	989.2	0.0	244.3	7,195.5	0.0
Marygold Mutual Water Company	0.0	1,896.5	1,896.5	655.3	655.3	0.0	345.7	1,656.3	0.6	1,655.7	655.3	1,000.3	77.7	2,974.5	0.0
Monte Vista Water District	0.0	4,194.4	4,194.4	2,806.9	4,824.0	48.0	2,599.2	10,278.0	10,505.0	-227.0	0.0	0.0	571.8	4,539.2	0.0
Monte Vista Irrigation Co.	0.0	7,015.3	7,015.3	676.8	676.8	0.0	356.9	1,710.5	0.0	1,710.5	676.8	1,033.7	80.2	8,129.2	0.0
Norco, City of	366.2	0.0	366.2	201.5	201.5	0.0	106.4	509.5	227.1	282.4	201.5	80.9	23.9	471.0	0.0
Ontario, City of	0.0	10,000.0	10,000.0	6,573.8	11,373.8	124.4	6,972.5	25,044.6	33,987.6	-8,943.0	0.0	0.0	1,348.2	2,405.2	0.0
Pomona, City of	0.0	23,669.2	23,669.2	19.4	11,215.9	0.0	5,916.5	17,151.8	17,452.6	-300.8	0.0	0.0	1,329.5	24,698.0	0.0
San Antonio Water Company	17,422.5	0.0	17,422.5	1,506.9	1,506.9	0.0	794.9	3,808.7	72.3	3,736.4	1,506.9	2,229.5	178.6	19,830.6	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	-13.7	0.0	0.0	0.0	0.0	13.7
Chino Hills, City of	0.0	9,414.1	9,414.1	2,111.4	2,111.4	99.0	2,030.8	6,352.6	4,063.3	2,289.3	2,111.4	177.9	250.3	9,842.3	0.0
Santa Ana Water Company	538.4	0.0	538.4	1,301.4	1,301.4	0.0	686.4	3,289.2	767.5	2,521.6	1,301.4	1,220.2	154.2	1,912.9	0.0
Golden State Water Company	0.0	2,098.8	2,098.8	411.5	411.5	0.0	216.9	1,039.9	372.0	667.9	411.5	256.4	48.8	2,404.0	0.0
Upland, City of	0.0	10,971.8	10,971.8	2,852.4	2,852.4	45.8	1,504.7	7,255.3	2,580.1	4,675.2	2,852.4	1,822.8	338.1	13,132.7	0.0
West End Consol. Water Co.	10,487.1	0.0	10,487.1	947.7	947.7	0.0	499.8	2,395.3	0.0	2,395.3	947.7	1,447.6	112.3	12,047.0	0.0
West Valley Water District	4,092.0	0.0	4,092.0	644.3	644.3	0.0	339.9	1,628.5	0.0	1,628.5	644.3	984.2	76.4	5,152.6	0.0
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	143.0	-143.0	0.0	0.0	0.0	0.0	143.0
Dept. of Toxic Substances	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	99.9	0.0	0.0	0.0	0.0	0.0	0.0
MWDSC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
Desalter	36,622.7	0.0	36,622.7	0.0	0.0	0.0	0.0	0.0	7,989.0	0.0	0.0	0.0	0.0	32,628.2	0.0
Total	76,480.1	93,862.1	170,342.3	28,911.1	54,834.0	500.3	42,845.5	127,090.9	121,526.1	13,653.9	26,348.4	14,002.6	6,500.0	177,379.5	17,226.3

Table B-2. Fiscal Year 2002 Water Production Summary without Transfers between Parties

(af)

Agency	Carryover Beginning Balance	Assigned Share of Safe Yield	Transfer To/From	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Total Net Under/Over-Production	Carryover to 2002-03 Production	Excess Carryover	MZ-1 6,500 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	3.8	-3.8	0.0	0.0	0.0	0.0	3.8
Chino, City of	4,033.9	4,033.9	0.0	51.5	5,199.1	13,318.4	5,612.9	7,705.4	4,033.9	3,671.6	478.2	6,867.7	0.0
Cucamonga Valley Water District	3,619.5	3,619.5	-9,500.0	101.5	5,924.7	13,265.1	8,281.8	4,983.4	3,619.5	1,363.9	1,186.8	29,849.4	0.0
Fontana Union Water Company	6,396.7	6,391.7	0.0	0.0	0.0	12,788.5	0.0	12,788.5	6,391.7	6,396.7	0.0	6,396.7	0.0
Fontana Water Company	0.0	1.0	14,704.0	0.0	834.6	835.6	23,565.3	-22,729.7	0.0	0.0	0.1	0.0	22,729.6
Jurupa Community Services	989.2	2,061.1	150.0	0.0	8,799.7	11,849.9	12,586.4	-736.4	0.0	0.0	244.3	6,703.3	0.0
Marygold Mutual Water Company	655.3	655.3	-1,200.0	0.0	348.6	1,659.2	0.0	1,659.2	655.3	1,003.9	77.7	4,056.1	0.0
Monte Vista Water District	0.0	4,824.0	5,500.0	25.6	2,621.4	7,471.0	12,968.4	-5,497.4	0.0	0.0	571.8	0.0	386.4
Monte Vista Irrigation Co.	676.8	676.8	-2,500.0	0.0	360.0	1,713.5	0.0	1,713.5	676.8	1,036.8	80.2	9,246.2	0.0
Nicholson Trust	0.0	4.0	-4.0	0.0	2.0	6.0	0.0	6.0	4.0	2.0	0.5	2.5	0.0
Norco, City of	201.5	201.5	0.0	0.0	107.4	510.4	407.4	103.0	103.0	0.0	23.9	494.9	0.0
Ontario, City of	0.0	11,373.8	12,500.0	219.3	7,023.7	18,616.9	32,601.4	-13,984.5	0.0	0.0	1,348.2	0.0	10,231.1
Pomona, City of	0.0	11,215.9	-4,500.0	0.0	5,967.0	17,182.8	17,666.2	-483.3	0.0	0.0	1,329.5	25,544.1	0.0
San Antonio Water Company	1,506.9	1,506.9	-4,650.0	0.0	801.7	3,815.4	931.9	2,883.5	1,506.9	1,376.6	178.6	21,385.9	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	15.3	-15.3	0.0	0.0	0.0	0.0	15.3
Chino Hills, City of	2,111.4	2,111.4	0.0	49.8	2,040.2	6,312.8	3,398.0	2,914.8	2,111.4	803.4	250.3	10,896.0	0.0
Santa Ana Water Company	1,301.4	1,301.4	-2,000.0	0.0	692.3	3,295.0	758.3	2,536.7	1,301.4	1,235.3	154.2	3,302.5	0.0
Golden State Water Company	411.5	411.5	0.0	0.0	218.8	1,041.7	224.8	816.9	411.5	405.4	48.8	2,858.1	0.0
Upland, City of	2,852.4	2,852.4	-8,000.0	57.2	1,517.6	7,279.6	2,390.2	4,889.4	2,852.4	2,037.0	338.1	15,507.9	0.0
West End Consol. Water Co.	947.7	947.7	0.0	0.0	504.1	2,399.5	0.0	2,399.5	947.7	1,451.8	112.3	13,611.1	0.0
West Valley Water District	644.3	644.3	-500.0	0.0	342.8	1,631.4	0.0	1,631.4	644.3	987.1	76.4	6,216.1	0.0
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	75.5	-75.5	0.0	0.0	0.0	0.0	75.5
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Dept. of Toxic Substances	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
MWDSC	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	9,457.8	0.0	0.0	0.0	0.0	27,899.4	0.0
Total	26,348.4	54,834.0	0.0	504.9	43,305.7	124,993.0	130,946.5	3,505.4	25,259.7	21,771.7	6,500.0	190,838.0	33,441.7

Table B-3. Fiscal Year 2003 Water Production Summary without Transfers between Parties

(af)

Agency	Beginning of Year Storage Account	Carryover Beginning Balance	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	MWD Exchanges	Total Net Under/Over-Production	Carryover to 2003-04 Production	Excess Carryover	MZ-1 6,500 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	116.1	0.0	-116.1	0.0	0.0	0.0	0.0	116.1
Chino, City of	6,867.7	4,033.9	4,033.9	19.0	5,682.4	13,769.1	4,706.9	1,500.0	7,562.1	4,033.9	3,528.3	478.2	10,874.2	0.0
Chino Hills, City of	10,896.0	2,111.4	2,111.4	17.6	2,098.9	6,339.3	1,655.3	1,500.0	3,184.0	2,111.4	1,072.6	250.3	12,218.8	0.0
Cucamonga Valley Water District	29,849.4	3,619.5	3,619.5	40.4	5,868.2	13,147.5	11,961.6	0.0	1,185.8	1,185.8	0.0	429.0	30,278.4	0.0
Desalter	27,899.4	0.0	0.0	0.0	0.0	0.0	10,438.5	0.0	0.0	0.0	0.0	0.0	22,680.1	0.0
Fontana Union Water Company	6,396.7	6,391.7	6,391.7	0.0	0.0	12,783.5	0.0	0.0	12,783.5	6,391.7	6,391.7	757.6	13,546.1	0.0
Fontana Water Company	0.0	0.0	1.0	0.0	834.6	835.6	19,454.8	0.0	-18,619.3	0.0	0.0	0.1	0.0	18,619.1
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	4.4	0.0	-4.4	0.0	0.0	0.0	0.0	4.4
Jurupa Community Services	6,703.3	0.0	2,061.1	0.0	10,539.3	12,600.4	12,706.9	0.0	-106.4	0.0	0.0	244.3	6,841.2	0.0
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	4,056.1	655.3	655.3	0.0	344.9	1,655.5	0.4	0.0	1,655.1	655.3	999.8	77.7	5,133.6	0.0
MWDSC	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Monte Vista Irrigation Co.	9,246.2	676.8	676.8	0.0	356.2	1,709.7	0.0	0.0	1,709.7	676.8	1,032.9	80.2	10,359.3	0.0
Monte Vista Water District	0.0	0.0	4,824.0	9.1	2,594.1	7,427.2	12,894.0	0.0	-5,466.8	0.0	0.0	571.8	0.0	4,895.1
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	108.5	0.0	-108.5	0.0	0.0	0.0	0.0	108.5
Nicholson Trust	2.5	4.0	4.0	0.0	2.0	10.0	0.0	0.0	10.0	4.0	6.0	0.5	9.0	0.0
Norco, City of	494.9	103.0	201.5	0.0	106.2	410.8	538.6	0.0	-127.8	0.0	0.0	23.9	391.1	0.0
Ontario, City of	0.0	0.0	11,373.8	78.7	6,978.5	18,431.0	33,295.3	0.0	-14,864.3	0.0	0.0	1,348.1	0.0	13,516.2
Pomona, City of	25,544.1	0.0	11,215.9	0.0	5,903.6	17,119.5	17,570.8	0.0	-451.3	0.0	0.0	1,329.4	26,422.2	0.0
Santa Ana Water Company	3,302.5	1,301.4	1,301.4	0.0	684.9	3,287.7	456.0	0.0	2,831.7	1,301.4	1,530.3	154.2	4,987.0	0.0
San Antonio Water Company	21,385.9	1,506.9	1,506.9	0.0	793.2	3,806.9	1,060.7	0.0	2,746.2	1,506.9	1,239.3	178.6	22,803.8	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	12.4	0.0	-12.4	0.0	0.0	0.0	0.0	12.4
Golden State Water Company	2,858.1	411.5	411.5	0.0	216.5	1,039.4	259.8	0.0	779.7	411.5	368.2	48.7	3,275.1	0.0
Upland, City of	15,507.9	2,852.4	2,852.4	19.7	1,501.5	7,226.0	1,782.5	0.0	5,443.4	2,852.4	2,591.0	338.1	18,437.0	0.0
West End Consol. Water Co.	13,611.1	947.7	947.7	0.0	498.8	2,394.2	0.0	0.0	2,394.2	947.7	1,446.5	112.3	15,169.9	0.0
West Valley Water District	6,216.1	644.3	644.3	0.0	339.1	1,627.8	0.0	0.0	1,627.8	644.3	983.5	76.4	7,275.9	0.0
Total	190,838.0	25,259.7	54,834.0	184.5	45,342.7	125,620.9	132,025.0	3,000.0	4,035.7	22,723.1	21,190.0	6,499.4	210,702.6	37,271.9

Table B-4. Fiscal Year 2004 Water Production Summary without Transfers between Parties

(af)

Agency	Carryover Beginning Balance	Prior Year Adjustments to Storage Accounts	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	MWD Exchanges	Total Net Under/Over-Production	Carryover to 2004-05 Production	Excess Carryover	MZ-1 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	55.0	0.0	-55.0	0.0	0.0	0.0	0.0	55.0
Chino, City of	4,033.9	1,110.7	4,034.1	887.8	6,351.6	16,418.1	3,587.6	3,264.9	9,565.7	4,034.1	5,531.5	261.8	16,667.5	0.0
Chino Hills, City of	2,111.4	42.4	2,111.7	466.7	1,885.1	6,617.3	1,985.4	1,500.0	3,131.9	2,111.7	1,020.2	137.0	13,376.1	0.0
Cucamonga Valley Water District	1,185.8	72.7	3,619.6	802.8	4,854.6	10,535.5	11,139.5	0.0	-604.0	0.0	0.0	234.9	29,909.3	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	10,605.0	0.0	0.0	0.0	0.0	0.0	17,377.6	0.0
Fontana Union Water Company	6,391.7	128.5	6,392.0	1,398.8	0.0	14,311.0	0.0	0.0	14,311.0	6,392.0	7,919.0	414.8	21,879.9	0.0
Fontana Water Company	0.0	0.0	1.1	0.2	834.5	835.8	25,827.8	0.0	-24,992.0	0.0	0.0	0.1	0.0	24,991.9
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	-2.2	0.0	0.0	0.0	0.0	2.2
Jurupa Community Services	0.0	-2,090.2	2,061.2	451.1	10,283.6	10,705.6	16,556.1	0.0	-5,850.5	0.0	0.0	133.7	1,124.4	0.0
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	655.3	13.2	655.3	143.4	278.6	1,745.7	182.7	0.0	1,563.0	655.3	907.7	42.5	6,083.8	0.0
MWDSC	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Monte Vista Irrigation Co.	676.8	13.6	676.7	148.1	287.7	1,802.8	0.0	0.0	1,802.8	676.7	1,126.1	43.9	11,529.3	0.0
Monte Vista Water District	0.0	96.9	4,823.7	1,057.9	2,105.8	8,084.4	12,666.0	4,215.0	-8,796.6	0.0	0.0	313.0	0.0	8,483.6
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	521.5	0.0	-521.5	0.0	0.0	0.0	0.0	521.5
Nicholson Trust	4.0	0.1	3.8	0.8	1.6	10.4	0.0	0.0	10.4	3.8	6.5	0.2	15.8	0.0
Norco, City of	0.0	4.1	201.8	44.2	85.8	335.8	396.5	0.0	-60.7	0.0	0.0	13.1	343.4	0.0
Ontario, City of	0.0	228.6	11,373.7	2,509.6	5,827.0	19,938.9	28,115.3	7,118.4	-15,294.8	0.0	0.0	738.0	0.0	14,556.8
Pomona, City of	0.0	225.4	11,215.7	2,454.5	4,768.1	18,663.8	16,110.5	0.0	2,553.3	2,553.3	0.0	727.8	27,149.9	0.0
Santa Ana Water Company	1,301.4	26.2	1,301.2	284.8	553.2	3,466.7	567.2	0.0	2,899.5	1,301.2	1,598.3	84.4	6,669.7	0.0
San Antonio Water Company	1,506.9	30.3	1,506.8	329.8	640.6	4,014.4	908.3	0.0	3,106.1	1,506.8	1,599.3	97.8	24,500.8	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	12.8	0.0	-12.8	0.0	0.0	0.0	0.0	12.8
Golden State Water Company	411.5	8.3	411.3	90.0	174.8	1,095.8	170.8	0.0	925.0	411.3	513.8	26.7	3,815.5	0.0
Upland, City of	2,852.4	57.3	2,852.5	629.4	1,212.7	7,604.3	1,929.2	0.0	5,675.1	2,852.5	2,822.6	185.1	21,444.7	0.0
West End Consol. Water Co.	947.7	19.0	947.5	207.4	402.8	2,524.5	0.0	0.0	2,524.5	947.5	1,576.9	61.5	16,808.3	0.0
West Valley Water District	644.3	12.9	644.3	141.0	273.9	1,716.5	0.0	0.0	1,716.5	644.3	1,072.2	41.8	8,389.9	0.0
Total	22,723.1	0.0	54,834.0	12,048.4	40,821.8	130,427.3	147,438.7	16,098.3	-6,405.4	24,090.4	25,694.2	3,558.0	227,086.1	48,623.8

Table B-5. Fiscal Year 2005 Water Production Summary without Transfers between Parties

(af)

Agency	Carryover Beginning Balance	Assigned Share of Safe Yield	Water Transaction Activity	New Yield 12,000	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	MWD Exchanges	Total Net Under/Over-Production	Carryover to 2005-06 Production	Excess Carryover	MZ-1 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	95.0	0.0	-95.0	0.0	0.0	0.0	0.0	95.0
Chino Hills, City of	2,111.7	2,111.4	14.8	462.1	2,117.1	6,817.1	2,153.1	2,669.2	1,994.7	1,994.7	0.0	303.7	13,679.8	0.0
Chino, City of	4,034.1	4,033.9	16.3	882.8	7,846.8	16,814.0	4,180.1	1,892.4	10,741.5	4,033.9	6,707.7	580.3	23,955.4	0.0
Cucamonga Valley Water District	0.0	3,619.5	36.0	792.1	2,534.9	6,982.4	12,058.5	0.0	-5,076.1	0.0	0.0	520.6	25,353.9	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	9,853.6	0.0	0.0	0.0	0.0	0.0	12,450.8	0.0
Fontana Union Water Company	0.0	6,391.7	0.0	1,398.8	3,419.7	11,210.3	0.0	0.0	11,210.3	6,391.7	4,818.6	919.4	27,617.9	0.0
Fontana Water Company	0.0	1.0	0.0	0.2	834.6	835.8	21,959.1	0.0	-21,123.2	0.0	0.0	0.2	0.0	21,123.1
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	-1.2	0.0	0.0	0.0	0.0	1.2
Jurupa Community Services	0.0	2,061.1	0.0	451.1	10,960.9	13,473.1	16,146.5	0.0	-2,673.4	0.0	0.0	296.5	0.0	1,252.4
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	655.3	655.3	0.0	143.4	350.6	1,804.6	132.4	0.0	1,672.1	655.3	1,016.8	94.3	7,194.9	0.0
MWDSC	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	-0.5	0.0	0.0	0.0	0.0	0.5
Monte Vista Irrigation Co.	676.7	676.8	0.0	148.1	362.0	1,863.5	0.0	0.0	1,863.5	676.8	1,186.7	97.3	12,813.4	0.0
Monte Vista Water District	0.0	4,824.0	7.3	1,055.6	2,635.8	8,522.7	10,046.4	7,050.0	-8,573.7	0.0	0.0	693.8	0.0	7,879.9
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	808.5	0.0	-808.5	0.0	0.0	0.0	0.0	808.5
Nicholson Trust	3.8	4.0	0.0	0.8	2.1	10.7	0.0	0.0	10.7	4.0	6.7	0.6	23.1	0.0
Norco, City of	0.0	201.5	0.0	44.2	108.0	353.7	83.8	0.0	269.9	201.5	68.3	29.0	440.8	0.0
Ontario, City of	0.0	11,373.8	67.3	2,489.0	7,076.6	21,006.8	26,291.1	0.0	-5,284.3	0.0	0.0	1,636.0	0.0	3,648.3
Pomona, City of	2,553.3	11,215.9	0.0	2,454.5	6,000.4	22,224.0	15,981.1	0.0	6,242.9	6,242.9	0.0	1,613.3	28,763.2	0.0
San Antonio Water Company	1,506.8	1,506.9	0.0	329.8	806.2	4,149.6	1,611.6	0.0	2,538.1	1,506.9	1,031.2	216.7	25,748.8	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	13.8	0.0	-13.8	0.0	0.0	0.0	0.0	13.8
Santa Ana Water Company	1,301.2	1,301.4	0.0	284.8	696.2	3,583.5	499.3	0.0	3,084.2	1,301.4	1,782.8	187.2	8,639.7	0.0
Golden State Water Company	411.3	411.5	0.0	90.0	220.0	1,132.8	216.0	0.0	916.8	411.5	505.3	59.2	4,380.0	0.0
Upland, City of	2,852.5	2,852.4	16.6	624.2	1,526.1	7,871.8	1,909.8	2,011.6	3,950.4	2,852.4	1,098.0	410.3	22,953.0	0.0
West End Consol. Water Co.	947.5	947.7	0.0	207.4	506.9	2,609.5	0.0	0.0	2,609.5	947.7	1,661.8	136.3	18,606.5	0.0
West Valley Water District	644.3	644.3	0.0	141.0	344.7	1,774.3	0.0	0.0	1,774.3	644.3	1,130.0	92.7	9,612.6	0.0
Total	17,698.4	54,834.0	158.3	12,000.0	48,349.6	133,040.3	137,664.6	13,623.2	5,229.3	27,865.0	21,014.0	7,887.2	242,233.6	34,822.8

Table B-6. Fiscal Year 2006 Water Production Summary without Transfers between Parties

(af)

Agency	Carryover Beginning Balance	2% Carryover Storage Loss	Assigned Share of Safe Yield	Water Transaction Activity	New Yield 12,000	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2006-07 Production	Excess Carryover	MZ-1 Eligible for Storage	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	259.8	0.0	-259.8	0.0	0.0	0.0	0.0	259.8
Chino Hills, City of	1,994.7	-39.9	2,111.4	110.5	462.1	2,086.0	6,724.9	458.3	2,380.8	3,885.9	2,111.4	1,774.4	59.9	15,240.5	0.0
Chino, City of	4,033.9	-80.7	4,033.9	122.4	882.8	7,982.1	16,974.3	3,261.9	1,500.0	12,212.4	4,033.9	8,178.6	114.4	31,769.2	0.0
Cucamonga Valley Water District	0.0	0.0	3,619.5	273.8	792.1	2,481.6	7,167.0	14,458.0	0.0	-7,291.0	0.0	0.0	102.6	17,658.4	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16,475.8	0.0	0.0	0.0	0.0	0.0	622.6	0.0
Fontana Union Water Company	6,391.7	-127.8	6,391.7	0.0	1,398.8	3,325.7	17,380.2	0.0	0.0	17,380.2	6,391.7	10,988.5	181.2	38,235.2	0.0
Fontana Water Company	0.0	0.0	1.0	0.0	0.2	834.6	835.8	15,137.2	0.0	-14,301.4	0.0	0.0	0.0	0.0	14,301.4
Golden State Water Company	411.5	-8.2	411.5	0.0	90.0	214.0	1,118.7	438.3	0.0	680.4	411.5	268.9	11.7	4,572.9	0.0
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	-0.7	0.0	0.0	0.0	0.0	0.7
Jurupa Community Services	0.0	0.0	2,061.1	0.0	451.1	11,941.8	14,454.0	17,557.9	0.0	-3,103.8	0.0	0.0	58.4	0.0	3,045.4
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	655.3	-13.1	655.3	0.0	143.4	340.9	1,781.9	136.4	0.0	1,645.5	655.3	990.2	18.6	8,059.7	0.0
Monte Vista Irrigation Co.	676.8	-13.5	676.8	0.0	148.1	352.1	1,840.1	0.0	0.0	1,840.1	676.8	1,163.4	19.2	13,739.7	0.0
Monte Vista Water District	0.0	0.0	4,824.0	54.6	1,055.6	2,564.8	8,499.0	8,337.7	8,500.0	-8,338.7	0.0	0.0	136.7	0.0	8,201.9
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	762.6	0.0	-762.6	0.0	0.0	0.0	0.0	762.6
Nicholson Trust	4.0	-0.1	4.0	0.0	0.8	2.0	10.8	0.0	0.0	10.8	4.0	6.8	0.1	29.5	0.0
Norco, City of	201.5	-4.0	201.5	0.0	44.2	105.0	548.2	0.0	0.0	548.2	201.5	346.7	5.7	784.4	0.0
Ontario, City of	0.0	0.0	11,373.8	499.1	2,489.0	7,060.5	21,422.5	28,419.4	1,208.0	-8,205.0	0.0	0.0	322.4	0.0	7,882.5
Pomona, City of	6,242.9	-124.9	11,215.9	0.0	2,454.5	5,835.5	25,623.9	9,945.5	4,083.8	11,594.6	11,215.9	378.7	317.9	28,884.6	0.0
San Antonio Water Company	1,506.9	-30.1	1,506.9	0.0	329.8	784.0	4,097.4	1,837.3	0.0	2,260.1	1,506.9	753.2	42.7	26,029.7	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.6	0.0	-12.6	0.0	0.0	0.0	0.0	12.6
Santa Ana Water Company	1,301.4	-26.0	1,301.4	0.0	284.8	677.0	3,538.5	415.1	0.0	3,123.4	1,301.4	1,822.0	36.9	10,325.8	0.0
Upland, City of	2,852.4	-57.0	2,852.4	124.0	624.2	1,484.1	7,880.1	2,201.7	3,001.0	2,677.4	2,677.4	0.0	80.9	22,574.8	0.0
West End Consol. Water Co.	947.7	-19.0	947.7	0.0	207.4	493.0	2,576.8	0.0	0.0	2,576.8	947.7	1,629.1	26.9	19,890.3	0.0
West Valley Water District	644.3	-12.9	644.3	0.0	141.0	335.2	1,752.0	0.0	0.0	1,752.0	644.3	1,107.7	18.3	10,546.2	0.0
Total	27,865.0	-557.3	54,834.0	1,184.4	12,000.0	48,900.0	144,226.1	140,790.9	20,673.6	19,911.0	32,779.6	29,408.0	1,554.4	307,616.2	34,467.0

Table B-7. Fiscal Year 2007 Water Production Summary without Transfers between Parties

(af)

Agency	Carryover Beginning Balance	2% Carryover Storage Loss	Assigned Share of Safe Yield	Water Transaction Activity	New Yield 12,000	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2007-08 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	391.8	0.0	-391.8	0.0	0.0	0.0	391.8
Chino Hills, City of	2,111.4	-42.2	2,111.4	266.2	462.1	1,863.4	6,772.3	1,582.6	2,900.0	2,289.7	2,111.4	178.3	15,114.0	0.0
Chino, City of	4,033.9	-80.7	4,033.9	296.5	882.8	7,304.3	16,470.7	5,080.7	2,980.9	8,409.1	4,033.9	4,375.3	35,509.1	0.0
Cucamonga Valley Water District	0.0	0.0	3,619.5	679.6	792.1	2,288.1	7,379.3	18,786.4	0.0	-11,407.1	0.0	0.0	5,898.1	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,356.2	0.0	0.0	0.0	0.0	374,254.0	0.0
Fontana Union Water Company	6,391.7	-127.8	6,391.7	0.0	1,398.8	3,165.8	17,220.3	0.0	0.0	17,220.3	6,391.7	10,828.5	48,299.0	0.0
Fontana Water Company	0.0	0.0	1.0	0.0	0.2	691.1	692.3	16,124.0	0.0	-15,431.7	0.0	0.0	0.0	15,431.7
Golden State Water Company	411.5	-8.2	411.5	0.0	90.0	203.7	1,108.4	880.7	0.0	227.7	227.7	0.0	4,481.4	0.0
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jurupa Community Services	0.0	0.0	2,061.1	128.6	451.1	10,855.9	13,496.7	17,840.3	0.0	-4,343.5	0.0	0.0	0.0	4,343.5
Los Serranos Country Club	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Marygold Mutual Water Company	655.3	-13.1	655.3	0.0	143.4	324.5	1,765.5	183.5	0.0	1,581.9	655.3	926.6	8,825.1	0.0
Monte Vista Irrigation Co.	676.8	-13.5	676.8	0.0	148.1	335.1	1,823.2	0.0	0.0	1,823.2	676.8	1,146.4	14,611.3	0.0
Monte Vista Water District	0.0	0.0	4,824.0	131.1	1,055.6	2,434.7	8,445.4	11,279.4	6,600.0	-9,434.0	0.0	0.0	0.0	9,434.0
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,106.3	0.0	-1,106.3	0.0	0.0	0.0	1,106.3
Nicholson Trust	4.0	-0.1	4.0	0.0	0.8	1.9	10.7	0.0	0.0	10.7	4.0	6.7	35.5	0.0
Norco, City of	201.5	-4.0	201.5	0.0	44.2	99.9	543.2	0.0	0.0	543.2	201.5	341.6	1,110.3	0.0
Ontario, City of	0.0	0.0	11,373.8	1,180.5	2,489.0	6,789.3	21,832.7	23,905.4	1,300.0	-3,372.7	0.0	0.0	0.0	3,372.7
Pomona, City of	11,215.9	-224.3	11,215.9	0.0	2,454.5	5,554.9	30,216.7	10,893.6	3,376.9	15,946.2	11,215.9	4,730.4	33,037.3	0.0
San Antonio Water Company	1,506.9	-30.1	1,506.9	0.0	329.8	746.3	4,059.7	1,325.9	0.0	2,733.8	1,506.9	1,226.9	26,736.0	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	0.0	-15.8	0.0	0.0	0.0	15.8
Santa Ana Water Company	1,301.4	-26.0	1,301.4	0.0	284.8	644.5	3,505.9	272.8	0.0	3,233.1	1,301.4	1,931.8	12,051.0	0.0
Upland, City of	2,677.4	-53.5	2,852.4	297.3	624.2	1,412.8	7,810.5	1,520.9	2,478.2	3,811.4	2,852.4	959.0	23,082.3	0.0
West End Consol. Water Co.	947.7	-19.0	947.7	0.0	207.4	469.3	2,553.1	0.0	0.0	2,553.1	947.7	1,605.4	21,097.9	0.0
West Valley Water District	644.3	-12.9	644.3	0.0	141.0	319.1	1,735.9	0.0	0.0	1,735.9	644.3	1,091.5	11,426.8	0.0
Total	32,779.6	-655.6	54,834.0	2,979.8	12,000.0	45,504.6	147,442.4	157,182.4	19,636.0	16,616.2	32,770.9	29,348.4	712,684.9	34,095.9

Table B-8. Fiscal Year 2008 Water Production Summary without Transfers between Parties

(af)

Agency	Carryover Beginning Balance	2% Carryover Storage Loss	Assigned Share of Safe Yield	Water Transaction Activity	New Yield 12,000	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2008-09 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	366.3	0.0	-366.3	0.0	0.0	0.0	366.3
Chino Hills, City of	2,111.4	-42.2	2,111.4	0.0	462.1	2,113.2	6,755.9	2,142.9	1,169.2	3,443.8	2,111.4	1,332.4	16,359.7	0.0
Chino, City of	4,033.9	-80.7	4,033.9	0.0	882.8	8,291.8	17,161.6	3,463.4	0.0	13,698.2	4,033.9	9,664.4	44,705.8	0.0
Cucamonga Valley Water District	0.0	0.0	3,619.5	0.0	792.1	2,594.9	7,006.5	15,294.0	-3,619.2	-4,668.3	0.0	0.0	1,650.8	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,972.1	0.0	0.0	0.0	0.0	347,281.9	0.0
Fontana Union Water Company	6,391.7	-127.8	6,391.7	0.0	1,398.8	3,590.3	17,644.7	0.0	0.0	17,644.7	6,391.7	11,253.0	58,586.1	0.0
Fontana Water Company	0.0	0.0	1.0	0.0	0.2	783.7	785.0	19,070.5	0.0	-18,285.5	0.0	0.0	0.0	18,285.5
Golden State Water Company	227.7	-4.6	411.5	0.0	90.0	231.0	955.6	598.9	0.0	356.7	356.7	0.0	4,391.8	0.0
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jurupa Community Services	0.0	0.0	2,061.1	0.0	451.1	12,560.7	15,072.9	16,225.9	-164.3	-988.6	0.0	0.0	0.0	957.2
Marygold Mutual Water Company	655.3	-13.1	655.3	0.0	143.4	368.1	1,809.0	544.0	0.0	1,264.9	655.3	609.6	9,258.3	0.0
Monte Vista Irrigation Co.	676.8	-13.5	676.8	0.0	148.1	380.1	1,868.1	0.0	0.0	1,868.1	676.8	1,191.4	15,510.4	0.0
Monte Vista Water District	0.0	0.0	4,824.0	0.0	1,055.6	2,761.1	8,640.7	12,817.2	-2,636.0	-1,540.5	0.0	0.0	0.0	1,435.2
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,153.0	0.0	-1,153.0	0.0	0.0	0.0	1,153.0
Nicholson Trust	4.0	-0.1	4.0	0.0	0.8	2.2	10.9	0.0	0.0	10.9	4.0	6.9	41.8	0.0
Norco, City of	201.5	-4.0	201.5	0.0	44.2	113.3	556.6	0.0	0.0	556.6	201.5	355.0	1,443.1	0.0
Ontario, City of	0.0	0.0	11,373.8	0.0	2,489.0	7,726.8	21,589.6	22,430.9	-2,000.0	1,158.7	1,158.7	0.0	966.4	0.0
Pomona, City of	11,215.9	-224.3	11,215.9	0.0	2,454.5	6,299.7	30,961.5	13,187.9	-1,000.0	18,773.6	11,215.9	7,557.7	39,934.3	0.0
San Antonio Water Company	1,506.9	-30.1	1,506.9	0.0	329.8	846.4	4,159.8	1,197.6	0.0	2,962.2	1,506.9	1,455.3	27,656.6	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.1	0.0	-16.1	0.0	0.0	0.0	16.1
Santa Ana Water Company	1,301.4	-26.0	1,301.4	0.0	284.8	730.9	3,592.3	402.1	0.0	3,190.3	1,301.4	1,888.9	13,698.9	0.0
Upland, City of	2,852.4	-57.0	2,852.4	0.0	624.2	1,602.2	7,874.2	3,064.1	-646.4	5,456.5	2,852.4	2,604.1	25,464.6	0.0
West End Consol. Water Co.	947.7	-19.0	947.7	0.0	207.4	532.2	2,616.0	0.0	0.0	2,616.0	947.7	1,668.3	22,344.3	0.0
West Valley Water District	644.3	-12.9	644.3	0.0	141.0	361.9	1,778.6	0.0	0.0	1,778.6	644.3	1,134.3	12,332.6	0.0
Total	32,770.9	-655.4	54,834.0	0.0	12,000.0	51,890.3	150,839.8	130,050.0	-8,896.7	47,761.8	34,058.7	40,721.4	716,504.8	22,213.3

Table B-9. Fiscal Year 2009 Water Production Summary without Transfers between Parties

(af)

Agency	Carryover Beginning Balance	2% Carryover Storage Loss	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2009-10 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	349.8	0.0	-349.8	0.0	0.0	0.0	349.8
Chino Hills, City of	2,111.4	-42.2	2,111.4	0.0	2,053.0	6,233.6	1,987.9	0.0	4,245.7	2,111.4	2,134.3	18,408.1	0.0
Chino, City of	4,033.9	-80.7	4,033.9	0.0	8,055.5	16,042.6	3,287.2	-1,043.1	13,798.4	4,033.9	9,764.6	53,857.9	0.0
Cucamonga Valley Water District	0.0	0.0	3,619.5	0.0	2,521.0	6,140.5	23,747.8	-12,742.3	-4,865.0	0.0	0.0	0.0	2,590.3
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	32,920.5	0.0	0.0	0.0	0.0	314,361.4	0.0
Fontana Union Water Company	6,391.7	-127.8	6,391.7	0.0	3,488.0	16,143.6	0.0	0.0	16,143.6	6,391.7	9,751.9	67,166.2	0.0
Fontana Water Company	0.0	0.0	1.0	0.0	761.4	762.4	13,201.9	0.0	-12,439.5	0.0	0.0	0.0	12,439.5
Golden State Water Company	356.7	-7.1	411.5	0.0	224.4	985.5	747.5	0.0	238.0	238.0	0.0	4,304.0	0.0
Inland Empire Utilities Agency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jurupa Community Services	0.0	0.0	2,061.1	0.0	12,448.1	14,509.2	19,484.6	-2,325.3	-2,650.1	0.0	0.0	0.0	2,650.1
Marygold Mutual Water Company	655.3	-13.1	655.3	0.0	357.6	1,655.1	142.4	0.0	1,512.7	655.3	857.4	9,930.5	0.0
Monte Vista Irrigation Co.	676.8	-13.5	676.8	0.0	369.2	1,709.2	0.0	0.0	1,709.2	676.8	1,032.5	16,232.7	0.0
Monte Vista Water District	0.0	0.0	4,824.0	0.0	2,682.5	7,506.4	15,344.2	-5,825.0	-2,012.8	0.0	0.0	0.0	1,893.6
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	1,210.2	0.0	-1,210.2	0.0	0.0	0.0	1,210.2
Nicholson Trust	4.0	-0.1	4.0	0.0	2.1	10.0	0.0	0.0	10.0	4.0	6.0	46.9	0.0
Norco, City of	201.5	-4.0	201.5	0.0	110.1	509.2	0.0	0.0	509.2	201.5	307.6	1,721.9	0.0
Ontario, City of	1,158.7	-23.2	11,373.8	0.0	7,506.7	20,016.0	25,469.9	-12,248.0	6,794.1	6,794.1	0.0	2,057.6	0.0
Pomona, City of	11,215.9	-224.3	11,215.9	0.0	6,120.2	28,327.6	13,730.7	-2,000.0	16,596.9	11,215.9	5,381.0	44,516.6	0.0
San Antonio Water Company	1,506.9	-30.1	1,506.9	0.0	822.3	3,805.9	992.1	0.0	2,813.8	1,506.9	1,306.9	28,410.4	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	22.3	0.0	-22.3	0.0	0.0	0.0	22.3
Santa Ana Water Company	1,301.4	-26.0	1,301.4	0.0	710.0	3,286.8	160.2	0.0	3,126.6	1,301.4	1,825.2	15,250.1	0.0
Upland, City of	2,852.4	-57.0	2,852.4	0.0	1,556.5	7,204.3	3,723.9	-2,702.5	6,182.9	2,852.4	3,330.5	28,560.0	0.0
West End Consol. Water Co.	947.7	-19.0	947.7	0.0	517.0	2,393.5	0.0	0.0	2,393.5	947.7	1,445.8	23,343.2	0.0
West Valley Water District	644.3	-12.9	644.3	0.0	351.6	1,627.3	0.0	0.0	1,627.3	644.3	983.0	13,069.0	0.0
Total	34,058.7	-681.2	54,834.0	0.0	50,657.2	138,868.7	117,636.9	-38,886.2	54,152.3	39,575.3	38,126.7	641,236.4	21,155.8

Table B-10. Fiscal Year 2010 Water Production Summary without Transfers between Parties

(af)

Agency	Carryover Beginning Balance	2% Carryover Storage Loss	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2010-11 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	373.7	0.0	-373.7	0.0	0.0	0.0	373.7
Chino Hills, City of	2,111.4	-42.2	2,111.4	0.0	2,056.8	6,237.4	973.6	0.0	5,263.8	2,111.4	3,152.4	21,803.2	0.0
Chino, City of	4,033.9	-80.7	4,033.9	0.0	8,113.8	16,100.8	1,206.6	-1,630.9	16,525.1	4,033.9	12,491.2	65,954.0	0.0
Cucamonga Valley Water District	0.0	0.0	3,619.5	0.0	2,525.6	6,145.1	19,263.2	-11,260.2	-1,857.9	0.0	0.0	0.0	297.5
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	28,516.7	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	6,391.7	-127.8	6,391.7	0.0	3,494.4	16,150.0	0.0	0.0	16,150.0	6,391.7	9,758.3	75,581.2	0.0
Fontana Water Company	0.0	0.0	1.0	0.0	762.8	763.8	13,557.5	0.0	-12,793.7	0.0	0.0	0.0	12,793.7
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	238.0	-4.8	411.5	0.0	224.8	869.5	359.4	0.0	510.1	411.5	98.6	4,316.5	0.0
Jurupa Community Services	0.0	0.0	2,061.1	0.0	12,622.3	14,683.4	15,538.2	-1,809.9	955.1	955.1	0.0	589.4	0.0
Marygold Mutual Water Company	655.3	-13.1	655.3	0.0	358.2	1,655.8	346.1	0.0	1,309.6	655.3	654.3	10,381.3	0.0
Monte Vista Irrigation Co.	676.8	-13.5	676.8	0.0	369.9	1,709.9	0.0	0.0	1,709.9	676.8	1,033.1	16,941.2	0.0
Monte Vista Water District	0.0	0.0	4,824.0	0.0	2,687.4	7,511.4	15,572.1	-3,918.8	-4,141.9	0.0	0.0	0.0	3,851.8
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	1,298.4	0.0	-1,298.4	0.0	0.0	0.0	1,298.4
Nicholson Trust	4.0	-0.1	4.0	0.0	2.1	10.0	0.0	0.0	10.0	4.0	6.0	52.0	0.0
Norco, City of	201.5	-4.0	201.5	0.0	110.3	509.4	0.0	0.0	509.4	201.5	307.8	1,995.3	0.0
Ontario, City of	6,794.1	-135.9	11,373.8	0.0	7,520.5	25,552.5	19,709.0	-2,230.8	8,074.4	8,074.4	0.0	4,811.1	0.0
Pomona, City of	11,215.9	-224.3	11,215.9	0.0	6,131.5	28,338.9	11,403.9	-2,042.5	18,977.5	11,215.9	7,761.7	51,387.9	0.0
San Antonio Water Company	1,506.9	-30.1	1,506.9	0.0	823.8	3,807.4	966.2	0.0	2,841.2	1,506.9	1,334.3	29,176.5	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	16.5	0.0	-16.5	0.0	0.0	0.0	16.5
Santa Ana Water Company	1,301.4	-26.0	1,301.4	0.0	711.4	3,288.1	0.0	0.0	3,288.1	1,301.4	1,986.7	16,931.8	0.0
Upland, City of	2,852.4	-57.0	2,852.4	0.0	1,559.4	7,207.2	3,409.6	-2,367.5	6,165.0	2,852.4	3,312.6	31,981.3	0.0
West End Consol. Water Co.	947.7	-19.0	947.7	0.0	518.0	2,394.5	0.0	0.0	2,394.5	947.7	1,446.8	24,323.1	0.0
West Valley Water District	644.3	-12.9	644.3	0.0	352.2	1,628.0	0.0	0.0	1,628.0	644.3	983.7	13,791.3	0.0
Total	39,575.3	-791.5	54,834.0	0.0	50,945.2	144,563.0	107,250.0	-25,260.6	65,829.8	41,984.1	44,327.6	370,017.1	18,631.4

Table B-11. Fiscal Year 2011 Water Production Summary without Transfers between Parties

(af)

Agency	Carryover Beginning Balance	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Net Under/Over-Production	Carryover to 2011-12 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	408.5	0.0	-408.5	0.0	0.0	0.0	408.5
Chino Hills, City of	2,111.4	2,111.4	0.0	2,074.1	6,254.7	1,766.6	0.0	4,488.1	2,111.4	2,376.7	24,462.5	0.0
Chino, City of	4,033.9	4,033.9	0.0	8,219.8	16,206.9	689.9	-16.8	15,533.7	4,033.9	11,499.9	76,961.7	0.0
Cucamonga Valley Water District	0.0	3,619.5	0.0	2,546.9	6,166.4	20,317.7	-982.8	-13,168.5	0.0	0.0	0.0	11,500.5
Desalter	0.0	0.0	0.0	0.0	0.0	29,318.7	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	6,391.7	6,391.7	0.0	3,523.9	16,179.5	0.0	0.0	16,179.5	6,391.7	9,787.8	83,857.4	0.0
Fontana Water Company	0.0	1.0	0.0	769.3	770.3	8,348.5	0.0	-7,578.2	0.0	0.0	0.0	7,578.2
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	411.5	411.5	0.0	226.7	1,041.4	443.9	0.0	597.5	411.5	186.0	4,416.2	0.0
Jurupa Community Services	955.1	2,061.1	0.0	12,774.1	15,771.3	14,228.9	-727.6	2,270.0	2,061.1	208.9	1,189.5	0.0
Marygold Mutual Water Company	655.3	655.3	0.0	361.2	1,658.8	1,107.4	0.0	551.4	551.4	0.0	10,173.6	0.0
Monte Vista Irrigation Co.	676.8	676.8	0.0	373.0	1,713.0	0.0	0.0	1,713.0	676.8	1,036.3	17,638.6	0.0
Monte Vista Water District	0.0	4,824.0	0.0	2,710.1	7,534.0	11,858.8	-2,989.2	-1,335.5	0.0	0.0	0.0	997.2
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	1,344.7	0.0	-1,344.7	0.0	0.0	0.0	1,344.7
Nicholson Trust	4.0	4.0	0.0	2.1	10.0	0.0	0.0	10.0	4.0	6.0	57.0	0.0
Norco, City of	201.5	201.5	0.0	111.2	510.3	0.0	0.0	510.3	201.5	308.8	2,264.1	0.0
Ontario, City of	8,074.4	11,373.8	0.0	7,583.9	26,870.6	14,260.0	-3,655.9	16,266.5	11,373.8	4,892.7	12,891.4	0.0
Pomona, City of	11,215.9	11,215.9	0.0	6,183.2	28,390.6	10,527.8	0.0	17,862.8	11,215.9	6,646.9	57,007.1	0.0
San Antonio Water Company	1,506.9	1,506.9	0.0	830.7	3,814.4	716.1	0.0	3,098.3	1,506.9	1,591.4	30,184.3	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	17.6	0.0	-17.6	0.0	0.0	0.0	17.6
Santa Ana Water Company	1,301.4	1,301.4	0.0	717.4	3,294.1	12.5	0.0	3,281.6	1,301.4	1,980.2	18,573.4	0.0
Upland, City of	2,852.4	2,852.4	0.0	1,572.6	7,220.3	733.8	0.0	6,486.5	2,852.4	3,634.1	35,765.1	0.0
West End Consol. Water Co.	947.7	947.7	0.0	522.4	2,398.8	0.0	0.0	2,398.8	947.7	1,451.1	25,287.8	0.0
West Valley Water District	644.3	644.3	0.0	355.2	1,630.9	0.0	0.0	1,630.9	644.3	986.6	14,502.1	0.0
Total	41,984.1	54,834.0	0.0	51,457.9	147,436.4	107,729.1	-8,372.2	69,025.9	46,285.7	46,593.3	415,231.8	21,846.7

Table B-12. Fiscal Year 2012 Water Production Summary without Transfers between Parties

(af)

Agency	Carryover Beginning Balance	Prior Year Adjustments to Storage Accounts	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Total Net Under/Over-Production	Carryover to 2012-13 Production	Excess Carryover	Allocated Water from Settlement Agreements	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	0.0	369.0	-369.0	0.0	0.0	56.4	0.0	312.6
Chino Hills, City of	2,111.4	251.0	2,111.4	0.0	1,945.7	6,419.5	3,401.2	3,018.4	2,111.4	907.0	966.9	26,583.6	0.0
Chino, City of	4,033.9	467.0	4,033.9	0.0	7,757.2	16,291.9	0.0	16,291.9	4,033.9	12,258.0	1,680.8	90,217.2	0.0
Cucamonga Valley Water District	0.0	423.9	3,619.5	0.0	2,389.2	6,432.5	14,948.7	-8,516.2	0.0	0.0	3,908.7	0.0	2,724.7
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	28,378.9	0.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	6,391.7	0.0	6,391.7	0.0	3,305.6	16,089.1	0.0	16,089.1	6,391.7	9,697.4	1,956.9	93,834.5	0.0
Fontana Water Company	0.0	0.0	1.0	0.0	721.6	722.6	5,694.5	-4,971.9	0.0	0.0	2,128.1	0.0	2,843.8
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	411.5	41.1	411.5	0.0	212.7	1,076.8	745.7	331.0	331.0	0.0	246.5	4,574.4	0.0
Jurupa Community Services	2,061.1	41.2	2,061.1	0.0	12,112.4	16,275.9	15,916.8	359.1	359.1	0.0	3,584.0	5,503.5	0.0
Marygold Mutual Water Company	551.4	78.6	655.3	0.0	338.9	1,624.2	1,175.0	449.3	449.3	0.0	223.5	10,193.7	0.0
Monte Vista Irrigation Co.	676.8	42.9	676.8	0.0	349.9	1,746.4	0.0	1,746.4	676.8	1,069.6	207.2	18,562.6	0.0
Monte Vista Water District	0.0	88.7	4,824.0	0.0	2,542.2	7,454.9	9,911.6	-2,456.7	0.0	0.0	3,480.4	1,374.2	0.0
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	0.0	1,349.2	-1,349.2	0.0	0.0	195.0	0.0	1,154.2
Nicholson Trust	4.0	0.2	4.0	0.0	2.0	10.2	0.0	10.2	4.0	6.2	1.2	63.2	0.0
Norco, City of	201.5	24.2	201.5	0.0	104.4	531.6	0.0	531.6	201.5	330.1	61.8	2,610.7	0.0
Ontario, City of	11,373.8	1,033.7	11,373.8	0.0	7,114.2	30,895.5	13,698.4	17,197.1	11,373.8	5,823.3	6,600.1	28,298.4	0.0
Pomona, City of	11,215.9	1,038.5	11,215.9	0.0	5,800.2	29,270.4	11,420.2	17,850.2	11,215.9	6,634.4	5,485.6	67,986.9	0.0
San Antonio Water Company	1,506.9	169.9	1,506.9	0.0	779.3	3,963.0	172.4	3,790.6	1,506.9	2,283.7	621.2	32,485.5	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	0.0	14.8	-14.8	0.0	0.0	3.5	0.0	11.2
Santa Ana Water Company	1,301.4	76.8	1,301.4	0.0	672.9	3,352.4	0.0	3,352.4	1,301.4	2,051.1	424.2	20,677.1	0.0
Upland, City of	2,852.4	321.8	2,852.4	0.0	1,475.2	7,501.7	525.0	6,976.7	2,852.4	4,124.3	1,255.7	41,242.9	0.0
West End Consol. Water Co.	947.7	94.8	947.7	0.0	490.0	2,480.2	0.0	2,480.2	947.7	1,532.5	290.1	26,604.6	0.0
West Valley Water District	644.3	77.3	644.3	0.0	333.2	1,699.1	0.0	1,699.1	644.3	1,054.8	197.3	15,464.1	0.0
Total	46,285.7	4,271.7	54,834.0	0.0	48,446.7	153,838.0	107,721.5	74,495.5	44,401.0	47,772.3	33,575.0	486,277.1	7,046.4

Table B-13. Fiscal Year 2013 Water Production Summary without Transfers between Parties

(af)

Agency	Carryover Beginning Balance	Assigned Share of Safe Yield	Water Transaction Activity	Ag Pool Safe Yield Reallocation	Annual Production Right	Actual Fiscal Year Production	Total Net Under/Over-Production	Carryover to 2013-14 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn. Spring Water Co.	0.0	0.0	0.0	0.0	0.0	412.6	-412.6	0.0	0.0	0.0	412.6
Chino Hills, City of	2,111.4	2,111.4	0.0	1,923.0	6,145.9	6,196.7	-50.8	0.0	0.0	26,911.2	0.0
Chino, City of	4,033.9	4,033.9	0.0	8,004.0	16,071.7	0.0	16,071.7	4,033.9	12,037.8	101,507.4	0.0
Cucamonga Valley Water District	0.0	3,619.5	0.0	2,361.4	5,980.9	18,740.0	-12,759.1	0.0	0.0	0.0	10,344.7
Desalter	0.0	0.0	0.0	0.0	0.0	27,061.7	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	6,391.7	6,391.7	0.0	3,267.2	16,050.7	0.0	16,050.7	6,391.7	9,658.9	101,616.7	0.0
Fontana Water Company	0.0	1.0	0.0	713.2	714.2	11,752.4	-11,038.1	0.0	0.0	0.0	11,038.1
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	331.0	411.5	0.0	210.2	952.7	1,059.5	-106.8	0.0	0.0	4,376.1	0.0
Jurupa Community Services	359.1	2,061.1	0.0	12,051.6	14,471.8	16,898.6	-2,426.8	0.0	0.0	3,540.3	0.0
Marygold Mutual Water Company	449.3	655.3	0.0	334.9	1,439.5	1,249.6	190.0	190.0	0.0	9,989.8	0.0
Monte Vista Irrigation Co.	676.8	676.8	0.0	345.9	1,699.4	0.0	1,699.4	676.8	1,022.6	19,214.0	0.0
Monte Vista Water District	0.0	4,824.0	0.0	2,512.7	7,336.6	6,607.6	729.1	729.1	0.0	1,775.8	0.0
Niagara Bottling Company	0.0	0.0	0.0	0.0	0.0	999.5	-999.5	0.0	0.0	0.0	999.5
Nicholson Trust	4.0	4.0	0.0	2.0	10.0	0.0	10.0	4.0	6.0	67.9	0.0
Norco, City of	201.5	201.5	0.0	103.1	506.2	0.0	506.2	201.5	304.7	2,863.2	0.0
Ontario, City of	11,373.8	11,373.8	0.0	7,073.0	29,820.6	16,209.3	13,611.3	11,373.8	2,237.5	34,060.8	0.0
Pomona, City of	11,215.9	11,215.9	0.0	5,732.8	28,164.5	12,227.7	15,936.8	11,215.9	4,721.0	71,348.2	0.0
San Antonio Water Company	1,506.9	1,506.9	0.0	770.2	3,784.0	1,539.7	2,244.3	1,506.9	737.4	32,573.2	0.0
SBC Shooting Park	0.0	0.0	0.0	0.0	0.0	11.7	-11.7	0.0	0.0	0.0	11.7
Santa Ana Water Company	1,301.4	1,301.4	0.0	665.1	3,267.8	170.9	3,097.0	1,301.4	1,795.6	22,059.2	0.0
Upland, City of	2,852.4	2,852.4	0.0	1,458.0	7,162.8	2,358.2	4,804.6	2,852.4	1,952.2	43,374.5	0.0
West End Consol. Water Co.	947.7	947.7	0.0	484.3	2,379.7	0.0	2,379.7	947.7	1,432.0	27,504.5	0.0
West Valley Water District	644.3	644.3	0.0	329.3	1,618.0	0.0	1,618.0	644.3	973.6	16,128.5	0.0
Total	44,401.0	54,834.0	0.0	48,342.0	147,577.0	123,495.4	51,143.3	42,069.3	36,879.4	518,911.2	22,806.7

Table B-14. Fiscal Year 2014 Water Production Summary without Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2014-15 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	0.0	379.1	379.1	-379.1	0.0	0.0	0.0	379.1
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	0.0	2,111.4	1,998.6	0.0	4,110.0	7,224.0	7,224.0	-3,114.0	0.0	0.0	24,451.7	0.0
Chino, City of	4,033.9	4,033.9	8,368.0	0.0	16,435.7	0.0	0.0	16,435.7	4,033.9	12,401.8	113,275.6	0.0
Cucamonga Valley Water District	0.0	3,619.5	2,304.1	0.0	5,923.6	16,121.6	16,121.6	-10,198.0	0.0	0.0	0.0	7,021.6
Desalter	0.0	0.0	0.0	0.0	0.0	29,242.6	29,242.6	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	6,391.7	3,188.0	0.0	9,579.7	0.0	0.0	9,579.7	6,391.7	3,188.0	0.0	0.0
Fontana Water Company	0.0	1.0	695.9	0.0	696.9	15,377.6	15,377.6	-14,680.7	0.0	0.0	102,772.4	14,680.7
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	411.5	205.1	0.0	616.6	736.4	736.4	-119.8	0.0	0.0	0.0	0.0
Jurupa Community Services District	0.0	2,061.1	12,597.7	0.0	14,658.8	18,018.3	18,018.3	-3,359.5	0.0	0.0	4,168.8	0.0
Marygold Mutual Water Company	238.0	655.3	326.8	0.0	1,220.1	1,314.7	1,314.7	-94.7	0.0	0.0	595.1	0.0
Monte Vista Irrigation Company	676.8	676.8	337.5	0.0	1,691.0	0.0	0.0	1,691.0	676.8	1,014.2	9,695.3	0.0
Monte Vista Water District	4,824.0	4,824.0	2,451.7	0.0	12,099.6	6,998.7	6,998.7	5,100.9	4,824.0	276.9	19,844.0	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,612.1	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	1,342.6	1,342.6	-1,342.6	0.0	0.0	0.0	1,342.6
Nicholson Trust	0.8	4.0	1.9	0.0	6.7	0.0	0.0	6.7	4.0	2.7	0.0	0.0
Norco, City of	201.5	201.5	100.6	0.0	503.7	0.0	0.0	503.7	201.5	302.2	69.3	0.0
Ontario, City of	11,373.8	11,373.8	7,374.3	0.0	30,122.0	15,697.0	15,697.0	14,424.9	11,373.8	3,051.1	3,108.1	0.0
Pomona, City of	11,215.9	11,215.9	5,593.8	0.0	28,025.5	12,909.3	12,909.3	15,116.2	11,215.9	3,900.3	41,854.3	0.0
San Antonio Water Company	1,102.5	1,506.9	751.5	0.0	3,360.9	1,159.2	1,159.2	2,201.7	1,506.9	694.8	73,821.5	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	16.4	16.4	-16.4	0.0	0.0	32,616.6	16.4
Santa Ana River Water Company	1,301.4	1,301.4	649.0	0.0	3,251.7	48.5	48.5	3,203.2	1,301.4	1,901.8	0.0	0.0
Upland, City of	2,852.4	2,852.4	1,422.6	0.0	7,127.4	2,822.0	2,822.0	4,305.4	2,852.4	1,453.0	23,519.8	0.0
West End Consolidated Water Co	947.7	947.7	472.6	0.0	2,368.0	0.0	0.0	2,368.0	947.7	1,420.3	45,283.7	0.0
West Valley Water District	644.3	644.3	321.3	0.0	1,610.0	0.0	0.0	1,610.0	644.3	965.7	28,374.7	0.0
Total	39,412.9	54,834.0	49,161.1	0.0	143,408.0	129,408.1	129,408.1	43,242.4	45,974.2	30,572.9	526,063.0	23,440.3

Table B-15. Fiscal Year 2015 Water Production Summary without Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2015-16 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	0.0	426.1	426.1	-426.1	0.0	0.0	0.0	426.1
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	0.0	1,919.1	2,282.3	0.0	4,201.4	3,661.3	3,661.3	540.1	540.1	0.0	24,874.8	0.0
Chino, City of	4,033.9	3,666.3	9,884.3	0.0	17,584.4	0.0	0.0	17,584.4	3,666.3	13,918.2	126,003.9	0.0
Cucamonga Valley Water District	0.0	3,289.5	2,414.4	0.0	5,704.0	14,640.0	14,640.0	-8,936.0	0.0	0.0	0.0	6,530.4
Desalter	0.0	0.0	0.0	0.0	0.0	29,990.0	29,990.0	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	6,391.7	5,809.1	3,207.1	0.0	15,407.9	0.0	0.0	15,407.9	5,809.1	9,598.8	110,315.7	0.0
Fontana Water Company	0.0	1.0	834.6	0.0	835.5	13,344.2	13,344.2	-12,508.7	0.0	0.0	0.0	12,508.7
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	373.8	206.3	0.0	580.1	720.3	720.3	-140.2	0.0	0.0	3,945.3	0.0
Jurupa Community Services District	0.0	1,873.3	15,094.6	0.0	16,967.8	12,466.6	12,466.6	4,501.2	1,873.3	2,628.0	3,559.3	0.0
Marygold Mutual Water Company	0.0	595.5	328.8	0.0	924.3	1,250.3	1,250.3	-326.1	0.0	0.0	9,175.4	0.0
Monte Vista Irrigation Company	676.8	615.0	339.5	0.0	1,631.2	0.0	0.0	1,631.2	615.0	1,016.3	20,463.3	0.0
Monte Vista Water District	4,824.0	4,383.9	2,475.3	0.0	11,683.1	6,881.5	6,881.5	4,801.6	4,383.9	417.7	3,013.7	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	1,859.8	1,859.8	-1,859.8	0.0	0.0	0.0	1,859.8
Nicholson Trust	4.0	3.5	1.9	0.0	9.4	0.0	0.0	9.4	3.5	5.9	73.9	0.0
Norco, City of	201.5	183.4	101.2	0.0	486.2	0.0	0.0	486.2	183.4	302.8	3,348.7	0.0
Ontario, City of	11,373.8	10,336.6	7,843.2	0.0	29,553.6	11,430.6	11,430.6	18,123.0	10,336.6	7,786.4	52,952.4	0.0
Pomona, City of	11,215.9	10,193.0	5,627.3	0.0	27,036.2	12,520.4	12,520.4	14,515.8	10,193.0	4,322.8	76,667.8	0.0
San Antonio Water Company	1,506.9	1,369.4	756.0	0.0	3,632.4	1,479.1	1,479.1	2,153.3	1,369.4	783.8	32,748.1	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	10.9	10.9	-10.9	0.0	0.0	0.0	10.9
Santa Ana River Water Company	1,301.4	1,182.6	652.9	0.0	3,136.8	0.0	0.0	3,136.8	1,182.6	1,954.2	25,003.7	0.0
Upland, City of	2,852.4	2,592.4	1,431.2	0.0	6,875.9	3,416.4	3,416.4	3,459.5	2,592.4	867.2	46,252.0	0.0
West End Consolidated Water Co	947.7	861.1	475.4	0.0	2,284.3	0.0	0.0	2,284.3	861.1	1,423.1	29,230.4	0.0
West Valley Water District	644.3	585.6	323.3	0.0	1,553.1	0.0	0.0	1,553.1	585.6	967.6	17,403.7	0.0
Total	45,974.2	49,834.0	54,279.5	0.0	150,087.7	114,097.5	114,097.5	65,980.2	44,195.1	45,992.7	585,031.9	21,335.8

Table B-16. Fiscal Year 2016 Water Production Summary without Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2016-17 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	0.0	356.2	356.2	-356.2	0.0	0.0	0.0	356.2
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	540.1	1,919.1	2,346.6	0.0	4,805.8	1,548.3	1,548.3	3,257.5	1,919.1	1,338.4	27,011.5	0.0
Chino, City of	3,666.3	3,666.3	10,456.5	0.0	17,789.1	0.0	0.0	17,789.1	3,666.3	14,122.8	139,916.5	0.0
Cucamonga Valley Water District	3,289.5	3,289.5	2,524.7	0.0	9,103.8	20,534.7	20,534.7	-11,430.9	0.0	0.0	0.0	8,332.4
Desalter	0.0	0.0	0.0	0.0	0.0	28,162.9	28,162.9	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	5,809.1	3,401.8	0.0	9,211.0	0.0	0.0	9,211.0	5,809.1	3,401.8	112,393.8	0.0
Fontana Water Company	1.0	1.0	834.6	0.0	836.6	15,317.2	15,317.2	-14,480.6	0.0	0.0	0.0	14,480.6
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	29.8	373.8	218.9	0.0	622.5	807.4	807.4	-185.0	0.0	0.0	3,713.0	0.0
Jurupa Community Services District	1,873.3	1,873.3	15,298.7	0.0	19,045.2	8,952.8	8,952.8	10,092.5	1,873.3	8,219.2	12,651.6	0.0
Marygold Mutual Water Company	0.0	595.5	348.7	0.0	944.3	752.7	752.7	191.5	191.5	0.0	9,065.3	0.0
Monte Vista Irrigation Company	615.0	615.0	360.1	0.0	1,590.0	0.0	0.0	1,590.0	615.0	975.1	21,192.8	0.0
Monte Vista Water District	4,383.9	4,383.9	2,634.8	0.0	11,402.6	8,203.7	8,203.7	3,198.9	3,198.9	0.0	2,276.6	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	1,774.6	1,774.6	-1,774.6	0.0	0.0	0.0	1,774.6
Nicholson Trust	1.2	3.5	2.0	0.0	6.7	0.0	0.0	6.7	3.5	3.2	76.2	0.0
Norco, City of	183.4	183.4	107.4	0.0	474.2	0.0	0.0	474.2	183.4	290.8	3,599.3	0.0
Ontario, City of	10,336.6	10,336.6	8,269.3	0.0	28,942.4	18,053.8	18,053.8	10,888.6	10,336.6	552.0	56,695.8	0.0
Pomona, City of	10,193.0	10,193.0	5,969.0	0.0	26,355.1	9,963.7	9,963.7	16,391.5	10,193.0	6,198.4	81,946.2	0.0
San Antonio Water Company	0.0	1,369.4	801.9	0.0	2,171.4	1,030.8	1,030.8	1,140.5	1,140.5	0.0	32,355.1	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	9.4	9.4	-9.4	0.0	0.0	0.0	9.4
Santa Ana River Water Company	1,182.6	1,182.6	692.5	0.0	3,057.6	0.0	0.0	3,057.6	1,182.6	1,875.1	26,578.7	0.0
Upland, City of	2,350.1	2,592.4	1,518.1	0.0	6,460.6	2,600.7	2,600.7	3,859.8	2,592.4	1,267.5	48,190.7	0.0
West End Consolidated Water Co	861.1	861.1	504.3	0.0	2,226.5	0.0	0.0	2,226.5	861.1	1,365.4	30,245.0	0.0
West Valley Water District	585.6	585.6	342.9	0.0	1,514.0	0.0	0.0	1,514.0	585.6	928.4	18,123.3	0.0
Total	40,092.3	49,834.0	56,633.0	0.0	146,559.3	118,068.9	118,068.9	56,653.3	44,351.8	40,538.1	626,031.3	24,953.1

Table B-17. Fiscal Year 2017 Water Production Summary without Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2017-18 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	0.0	367.3	367.3	-367.3	0.0	0.0	0.0	367.3
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,919.1	1,919.1	2,287.3	0.0	6,125.5	2,152.0	2,152.0	3,973.4	1,919.1	2,054.3	30,368.0	0.0
Chino, City of	3,666.3	3,666.3	10,489.4	0.0	17,822.0	388.9	388.9	17,433.0	3,666.3	13,766.8	153,585.3	0.0
Cucamonga Valley Water District	1,280.0	3,289.5	2,423.0	0.0	6,992.6	16,562.0	16,562.0	-9,569.4	0.0	0.0	0.0	5,876.4
Desalter	0.0	0.0	0.0	0.0	0.0	28,252.8	28,252.8	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	5,809.1	3,222.2	0.0	9,031.4	0.0	0.0	9,031.4	5,809.1	3,222.2	115,537.3	0.0
Fontana Water Company	1.0	1.0	834.6	0.0	836.5	13,250.5	13,250.5	-12,413.9	0.0	0.0	0.0	12,413.9
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Golden State Water Company	0.0	373.8	207.3	0.0	581.1	850.3	850.3	-269.3	0.0	0.0	3,441.1	0.0
Jurupa Community Services District	1,873.3	1,873.3	15,644.1	0.0	19,390.6	11,023.2	11,023.2	8,367.4	1,873.3	6,494.2	20,086.9	0.0
Marygold Mutual Water Company	207.5	595.5	330.3	0.0	1,133.4	618.6	618.6	514.8	514.8	0.0	9,058.9	0.0
Monte Vista Irrigation Company	615.0	615.0	341.1	0.0	1,571.0	0.0	0.0	1,571.0	615.0	956.0	22,134.1	0.0
Monte Vista Water District	4,095.6	4,383.9	2,499.3	0.0	10,978.8	6,865.0	6,865.0	4,113.8	4,113.8	0.0	1,746.1	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	1,531.6	1,531.6	-1,531.6	0.0	0.0	0.0	1,531.6
Nicholson Trust	0.2	3.5	1.9	0.0	5.6	0.0	0.0	5.6	3.5	2.1	78.2	0.0
Norco, City of	183.4	183.4	101.7	0.0	468.5	0.0	0.0	468.5	183.4	285.1	3,881.9	0.0
Ontario, City of	10,336.6	10,336.6	8,245.5	0.0	28,918.6	18,970.2	18,970.2	9,948.4	9,948.4	0.0	62,570.1	0.0
Pomona, City of	10,193.0	10,193.0	5,653.9	0.0	26,040.0	8,066.8	8,066.8	17,973.2	10,193.0	7,780.1	89,669.0	0.0
San Antonio Water Company	140.5	1,369.4	759.6	0.0	2,269.6	537.7	537.7	1,731.8	1,369.4	362.4	32,694.8	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	13.0	13.0	-13.0	0.0	0.0	0.0	13.0
Santa Ana River Water Company	1,182.6	1,182.6	655.9	0.0	3,021.1	0.0	0.0	3,021.1	1,182.6	1,838.5	28,398.6	0.0
Upland, City of	2,592.4	2,592.4	1,437.9	0.0	6,622.7	1,071.9	1,071.9	5,550.7	2,592.4	2,958.4	52,533.3	0.0
West End Consolidated Water Co	861.1	861.1	477.7	0.0	2,199.9	0.0	0.0	2,199.9	861.1	1,338.8	31,562.6	0.0
West Valley Water District	585.6	585.6	324.8	0.0	1,495.9	0.0	0.0	1,495.9	585.6	910.3	19,021.0	0.0
Total	39,733.1	49,834.0	55,937.4	0.0	145,504.6	110,522.0	110,522.0	63,235.4	45,430.7	41,969.2	676,367.2	20,202.3

Table B-18. Fiscal Year 2018 Water Production Summary without Transfers between Parties

(af)

Party	Carryover Beginning Balance	Prior Year Adjustments	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2018-19 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	0.0	0.0	307.9	307.9	-307.9	0.0	0.0	0.0	307.9
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,919.1	0.0	1,726.6	2,252.6	0.0	5,898.3	2,764.8	2,764.8	3,133.5	1,726.6	1,406.9	27,160.4	0.0
Chino, City of	3,666.3	0.0	3,298.4	10,483.7	0.0	17,448.4	609.3	609.3	16,839.0	3,298.4	13,540.6	137,024.4	0.0
Cucamonga Valley Water District	0.0	0.0	2,959.5	2,269.0	0.0	5,228.5	6,828.8	6,828.8	-1,600.4	0.0	0.0	2,247.7	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	0.0	30,052.3	30,052.3		0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	0.0	5,226.3	2,950.2	0.0	8,176.5	0.0	0.0	8,176.5	5,226.3	2,950.2	111,059.6	0.0
Fontana Water Company	1.0	0.0	0.9	834.5	0.0	836.4	11,392.1	11,392.1	-10,555.7	0.0	0.0	0.0	10,555.7
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.1	0.0
Golden State Water Company	0.0	-573.3	336.3	189.8	0.0	-47.3	147.8	147.8	-195.0	0.0	0.0	3,671.3	0.0
Jurupa Community Services District	1,873.3	0.0	1,685.3	15,739.5	0.0	19,298.1	14,843.7	14,843.7	4,454.4	1,685.3	2,769.1	6,257.2	0.0
Marygold Mutual Water Company	514.8	0.0	535.8	302.4	0.0	1,353.0	944.2	944.2	408.8	408.8	0.0	8,991.9	0.0
Monte Vista Irrigation Company	615.0	0.0	553.3	312.3	0.0	1,480.5	0.0	0.0	1,480.5	553.3	927.3	20,981.3	0.0
Monte Vista Water District	4,383.9	0.0	3,944.0	2,294.0	0.0	10,621.9	6,334.6	6,334.6	4,287.4	3,944.0	343.3	3,058.9	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	0.0	1,571.3	1,571.3	-1,571.3	0.0	0.0	0.0	1,571.3
Nicholson Trust	3.5	0.0	3.1	1.8	0.0	8.4	0.0	0.0	8.4	3.1	5.3	77.6	0.0
Norco, City of	183.4	0.0	165.0	93.1	0.0	441.5	0.0	0.0	441.5	165.0	276.5	3,558.3	0.0
Ontario, City of	10,336.6	0.0	9,299.5	8,092.7	0.0	27,728.7	19,816.0	19,816.0	7,912.7	7,912.7	0.0	57,721.7	0.0
Pomona, City of	10,193.0	0.0	9,170.3	5,176.6	0.0	24,540.0	9,285.5	9,285.5	15,254.4	9,170.3	6,084.1	81,218.6	0.0
San Antonio Water Company	831.8	0.0	1,232.0	695.5	0.0	2,759.3	428.4	428.4	2,331.0	1,232.0	1,098.9	33,192.0	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	0.0	11.1	11.1	-11.1	0.0	0.0	0.0	11.1
Santa Ana River Water Company	1,182.6	0.0	1,063.9	600.6	0.0	2,847.0	52.6	52.6	2,794.5	1,063.9	1,730.5	26,234.1	0.0
Upland, City of	1,463.2	0.0	2,332.3	1,316.5	0.0	5,112.0	1,521.9	1,521.9	3,590.1	2,332.3	1,257.8	48,036.3	0.0
West End Consolidated Water Co	587.5	0.0	774.7	437.3	0.0	1,799.6	0.0	0.0	1,799.6	774.7	1,024.8	29,670.6	0.0
West Valley Water District	585.6	0.0	526.8	297.4	0.0	1,409.7	0.0	0.0	1,409.7	526.8	882.9	17,938.6	0.0
Total	38,340.4	-573.3	44,834.0	54,339.4	0.0	136,940.4	106,912.2	106,912.2	60,080.5	40,023.6	34,298.3	618,144.5	12,446.0

Table B-19. Fiscal Year 2019 Water Production Summary without Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2019-20 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	0.0	285.4	285.4	-285.4	0.0	0.0	0.0	285.4
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,726.6	1,726.6	2,473.4	0.0	5,926.5	1,540.0	1,540.0	4,386.5	1,726.6	2,660.0	30,784.7	0.0
Chino, City of	3,298.4	3,298.4	10,986.4	0.0	17,583.2	1,365.0	1,365.0	16,218.3	3,298.4	12,919.8	151,045.7	0.0
Cucamonga Valley Water District	0.0	2,959.5	2,647.4	0.0	5,606.9	9,623.8	9,623.8	-4,016.9	0.0	0.0	969.2	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	31,199.2	31,199.2	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	5,226.3	3,618.5	0.0	8,844.8	0.0	0.0	8,844.8	5,226.3	3,618.5	114,600.4	0.0
Fontana Water Company	0.9	0.9	834.6	0.0	836.4	9,960.6	9,960.6	-9,124.2	0.0	0.0	0.0	9,124.2
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.1	0.0
Golden State Water Company	0.0	336.3	232.8	0.0	569.1	0.0	0.0	569.0	336.3	232.8	3,901.5	0.0
Jurupa Community Services District	1,685.3	1,685.3	16,079.8	0.0	19,450.5	13,529.6	13,529.6	5,920.9	1,685.3	4,235.6	10,488.3	0.0
Marygold Mutual Water Company	408.8	535.8	370.9	0.0	1,315.5	949.8	949.8	365.7	365.7	0.0	8,985.6	0.0
Monte Vista Irrigation Company	553.3	553.3	383.1	0.0	1,489.6	0.0	0.0	1,489.6	553.3	936.3	21,902.9	0.0
Monte Vista Water District	3,944.0	3,944.0	2,798.4	0.0	10,686.4	6,483.1	6,483.1	4,203.3	3,944.0	259.3	3,316.0	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	1,683.1	1,683.1	-1,683.1	0.0	0.0	0.0	1,683.1
Nicholson Trust	0.0	3.1	2.2	0.0	5.3	0.0	0.0	5.3	3.1	2.2	79.8	0.0
Norco, City of	165.0	165.0	114.2	0.0	444.2	0.0	0.0	444.2	165.0	279.2	3,835.0	0.0
Ontario, City of	7,974.8	9,299.5	10,017.5	0.0	27,291.8	16,169.1	16,169.1	11,122.7	9,299.5	1,823.2	64,205.2	0.0
Pomona, City of	9,170.3	9,170.3	6,349.3	0.0	24,690.0	10,839.5	10,839.5	13,850.4	9,170.3	4,680.1	85,841.8	0.0
San Antonio Water Company	956.6	1,232.0	853.0	0.0	3,041.7	376.2	376.2	2,665.4	1,232.0	1,433.4	34,602.2	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	10.8	10.8	-10.8	0.0	0.0	0.0	10.8
Santa Ana River Water Company	1,063.9	1,063.9	736.6	0.0	2,864.4	0.0	0.0	2,864.4	1,063.9	1,800.5	28,016.3	0.0
Upland, City of	2,332.3	2,332.3	1,614.8	0.0	6,279.3	2,298.0	2,298.0	3,981.4	2,332.3	1,649.1	50,698.8	0.0
West End Consolidated Water Co	774.7	774.7	536.4	0.0	2,085.9	0.0	0.0	2,085.9	774.7	1,311.1	30,960.9	0.0
West Valley Water District	526.8	526.8	364.7	0.0	1,418.3	0.0	0.0	1,418.3	526.8	891.5	18,817.5	0.0
Total	34,581.7	44,834.0	61,014.1	0.0	140,429.8	106,313.4	106,313.4	65,315.7	41,703.5	38,732.6	663,095.9	11,103.5

Table B-20. Fiscal Year 2020 Water Production Summary without Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2020-21 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	0.0	279.1	0.0	279.1	-279.1	0.0	0.0	0.0	279.1
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,726.6	1,726.6	2,431.8	0.0	5,885.0	1,409.0	0.0	1,409.0	4,476.0	1,726.6	2,749.4	34,662.9	0.0
Chino, City of	3,298.4	3,298.4	11,080.1	0.0	17,677.0	2,196.2	0.0	2,196.2	15,480.8	3,298.4	12,182.4	163,122.3	0.0
Cucamonga Valley Water District	2,127.9	2,959.5	2,576.1	0.0	7,663.6	23,315.4	-17,394.8	5,920.6	1,742.9	1,742.9	0.0	5,284.2	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	35,597.1	0.0	35,597.1	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	5,226.3	3,492.6	0.0	8,718.9	0.0	0.0	0.0	8,718.9	5,226.3	3,492.6	118,012.8	0.0
Fontana Water Company	0.0	0.9	834.6	0.0	835.5	10,426.8	0.0	10,426.8	-9,591.3	0.0	0.0	0.0	9,591.3
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0
Golden State Water Company	336.3	336.3	224.7	0.0	897.2	640.0	0.0	640.0	257.2	257.2	0.0	3,898.8	0.0
Jurupa Community Services District	1,685.3	1,685.3	16,177.2	0.0	19,547.9	12,241.6	0.0	12,241.6	7,306.3	1,685.3	5,621.0	16,102.0	0.0
Marygold Mutual Water Company	365.7	535.8	358.0	0.0	1,259.5	860.2	0.0	860.2	399.3	399.3	0.0	8,979.3	0.0
Monte Vista Irrigation Company	553.3	553.3	369.7	0.0	1,476.2	0.0	0.0	0.0	1,476.2	553.3	923.0	22,810.6	0.0
Monte Vista Water District	3,944.0	3,944.0	2,741.3	0.0	10,629.4	6,568.2	0.0	6,568.2	4,061.3	3,944.0	117.2	3,430.9	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	1,759.9	0.0	1,759.9	-1,759.9	0.0	0.0	0.0	1,759.9
Nicholson Trust	3.1	3.1	2.1	0.0	8.4	0.0	0.0	0.0	8.4	3.1	5.2	84.9	0.0
Norco, City of	165.0	165.0	110.3	0.0	440.2	0.0	0.0	0.0	440.2	165.0	275.2	4,107.6	0.0
Ontario, City of	9,299.5	9,299.5	10,468.7	0.0	29,067.7	13,920.4	0.0	13,920.4	15,147.3	9,299.5	5,847.8	75,536.2	0.0
Pomona, City of	9,170.3	9,170.3	6,128.4	0.0	24,469.1	10,551.2	0.0	10,551.2	13,917.9	9,170.3	4,747.5	90,529.2	0.0
San Antonio Water Company	1,232.0	1,232.0	823.3	0.0	3,287.4	614.4	0.0	614.4	2,673.0	1,232.0	1,441.0	36,018.9	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	7.5	0.0	7.5	-7.5	0.0	0.0	0.0	7.5
Santa Ana River Water Company	1,063.9	1,063.9	711.0	0.0	2,838.8	142.6	0.0	142.6	2,696.2	1,063.9	1,632.3	29,629.0	0.0
Upland, City of	2,332.3	2,332.3	1,558.6	0.0	6,223.1	2,381.2	0.0	2,381.2	3,841.9	2,332.3	1,509.7	53,376.2	0.0
West End Consolidated Water Co	774.7	774.7	517.7	0.0	2,067.2	0.0	0.0	0.0	2,067.2	774.7	1,292.5	32,231.7	0.0
West Valley Water District	526.8	526.8	352.1	0.0	1,405.7	0.0	0.0	0.0	1,405.7	526.8	878.9	19,683.2	0.0
Total	38,605.2	44,834.0	60,958.6	0.0	144,397.7	122,910.9	-17,394.8	105,516.1	74,478.8	43,401.0	42,715.6	717,544.8	11,637.8

Table B-21. Fiscal Year 2021 Water Production Summary without Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2021-22 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	0.0	271.3	0.0	271.3	-271.3	0.0	0.0	0.0	271.3
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,726.6	1,572.5	2,417.9	0.0	5,717.0	2,459.6	0.0	2,459.6	3,257.4	1,572.5	1,684.9	37,739.5	0.0
Chino, City of	3,298.4	3,004.2	11,194.4	0.0	17,497.0	2,762.4	0.0	2,762.4	14,734.6	3,004.2	11,730.4	174,738.6	0.0
Cucamonga Valley Water District	1,596.4	2,695.5	2,552.2	0.0	6,844.1	26,225.7	-20,500.0	5,725.7	1,118.4	1,118.4	0.0	14,316.0	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	40,114.5	0.0	40,114.5	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	4,760.0	3,450.3	0.0	8,210.3	0.0	0.0	0.0	8,210.3	4,760.0	3,450.3	121,380.5	0.0
Fontana Water Company	0.9	0.8	834.6	0.0	836.3	13,565.3	-2,500.0	11,065.3	-10,229.0	0.0	0.0	0.0	7,146.4
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0
Golden State Water Company	323.6	306.3	222.0	0.0	851.9	1,074.4	0.0	1,074.4	-222.5	0.0	0.0	3,673.6	0.0
Jurupa Community Services District	1,685.3	1,535.0	16,328.0	0.0	19,548.3	10,609.9	0.0	10,609.9	8,938.4	1,535.0	7,403.4	23,494.1	0.0
Marygold Mutual Water Company	399.3	488.0	353.7	0.0	1,241.0	840.9	0.0	840.9	400.1	400.1	0.0	8,973.0	0.0
Monte Vista Irrigation Company	553.3	503.9	365.2	0.0	1,422.4	0.0	0.0	0.0	1,422.4	503.9	918.5	23,713.1	0.0
Monte Vista Water District	3,944.0	3,592.2	2,709.4	500.0	10,745.6	7,523.3	0.0	7,523.3	3,222.3	3,222.3	0.0	3,428.5	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	1,751.7	0.0	1,751.7	-1,751.7	0.0	0.0	0.0	1,751.7
Nicholson Trust	3.1	2.9	2.1	0.0	8.1	0.0	0.0	0.0	8.1	2.9	5.2	90.1	0.0
Norco, City of	165.0	150.3	108.9	0.0	424.2	0.0	0.0	0.0	424.2	150.3	273.9	4,378.6	0.0
Ontario, City of	9,299.5	8,469.8	10,807.7	0.0	28,577.0	17,171.1	0.0	17,171.1	11,405.9	8,469.8	2,936.1	75,999.4	0.0
Pomona, City of	9,170.3	8,352.2	6,054.1	0.0	23,576.6	9,192.2	0.0	9,192.2	14,384.4	8,352.2	6,032.2	96,498.1	0.0
San Antonio Water Company	1,232.0	1,122.1	813.4	0.0	3,167.5	676.5	0.0	676.5	2,491.0	1,122.1	1,368.9	37,362.6	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	17.2	0.0	17.2	-17.2	0.0	0.0	0.0	17.2
Santa Ana River Water Company	1,063.9	969.0	702.4	0.0	2,735.3	175.5	0.0	175.5	2,559.8	969.0	1,590.8	31,199.0	0.0
Upland, City of	2,332.3	2,124.2	1,539.7	0.0	5,996.2	2,107.0	0.0	2,107.0	3,889.2	2,124.2	1,765.0	56,585.5	0.0
West End Consolidated Water Co	774.7	705.6	511.5	0.0	1,991.8	0.0	0.0	0.0	1,991.8	705.6	1,286.2	33,495.4	0.0
West Valley Water District	526.8	479.8	347.8	0.0	1,354.4	0.0	0.0	0.0	1,354.4	479.8	874.6	20,544.0	0.0
Total	38,095.4	40,834.3	61,315.3	500.0	140,745.0	136,538.5	-23,000.0	113,538.5	67,321.0	38,492.3	41,320.4	767,653.6	9,186.6

Table B-22. Fiscal Year 2022 Water Production Summary without Transfers between Parties

(af)

Party	Carryover Beginning Balance	Assigned Share of Operating Safe Yield	Net Ag Pool Reallocation	Water Transaction Activity	Annual Production Right	Actual Fiscal Year Production	Storage and Recovery Program(s)	Total Production and Exchanges	Total Net Under/Over-Production	Carryover to 2022-23 Production	Excess Carryover	End of Year Storage Account	Replenishment Obligation
Arrowhead Mtn Spring Water Co	0.0	0.0	0.0	0.0	0.0	251.6	0.0	251.6	-251.6	0.0	0.0	0.0	251.6
CalMat Co. (Appropriative)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chino Hills, City of	1,572.5	1,572.5	2,379.3	0.0	5,524.3	2,628.9	0.0	2,628.9	2,895.4	1,572.5	1,322.9	40,461.1	0.0
Chino, City of	3,004.2	3,004.2	11,362.7	0.0	17,371.1	3,059.9	0.0	3,059.9	14,311.2	3,004.2	11,307.0	185,923.2	0.0
Cucamonga Valley Water District	1,154.0	2,695.5	2,486.1	0.0	6,335.6	27,281.1	-17,912.8	9,368.3	-3,032.7	0.0	0.0	16,202.2	0.0
Desalter	0.0	0.0	0.0	0.0	0.0	40,525.4	0.0	40,525.4	0.0	0.0	0.0	0.0	0.0
Fontana Union Water Company	0.0	4,760.0	3,333.7	0.0	8,093.7	0.0	0.0	0.0	8,093.7	4,760.0	3,333.7	124,629.2	0.0
Fontana Water Company	0.0	0.8	834.6	0.0	835.4	16,387.1	-5,000.0	11,387.1	-10,551.7	0.0	0.0	0.0	9,287.0
Fontana, City of	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.0	0.0
Golden State Water Company	0.0	306.3	214.5	0.0	520.8	1,066.1	0.0	1,066.1	-545.3	0.0	0.0	3,125.7	0.0
Jurupa Community Services District	1,535.0	1,535.0	16,322.9	0.0	19,392.9	11,601.7	0.0	11,601.7	7,791.2	1,535.0	6,256.2	29,733.9	0.0
Marygold Mutual Water Company	400.0	488.0	341.7	0.0	1,229.7	944.2	0.0	944.2	285.5	285.5	0.0	8,966.7	0.0
Monte Vista Irrigation Company	503.9	503.9	352.9	0.0	1,360.7	0.0	0.0	0.0	1,360.7	503.9	856.8	24,553.3	0.0
Monte Vista Water District	3,222.3	3,592.2	2,621.4	0.0	9,435.9	6,994.9	0.0	6,994.9	2,441.0	2,441.0	0.0	3,426.1	0.0
NCL Co, LLC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Niagara Bottling, LLC	0.0	0.0	0.0	0.0	0.0	1,684.0	0.0	1,684.0	-1,684.0	0.0	0.0	0.0	1,684.0
Nicholson Trust	1.6	2.9	2.0	0.0	6.5	0.0	0.0	0.0	6.5	2.9	3.6	93.6	0.0
Norco, City of	150.3	150.3	105.2	0.0	405.8	0.0	0.0	0.0	405.8	150.3	255.5	4,631.0	0.0
Ontario, City of	8,469.8	8,469.8	11,507.1	0.0	28,446.7	14,390.0	0.0	14,390.0	14,056.7	8,469.8	5,586.9	87,933.8	0.0
Pomona, City of	8,352.2	8,352.2	5,849.5	0.0	22,553.9	10,183.8	0.0	10,183.8	12,370.1	8,352.2	4,017.9	100,448.4	0.0
San Antonio Water Company	1,122.1	1,122.1	785.9	0.0	3,030.1	402.5	0.0	402.5	2,627.6	1,122.1	1,505.5	38,841.9	0.0
San Bernardino, County of (Shooting Park)	0.0	0.0	0.0	0.0	0.0	19.8	0.0	19.8	-19.8	0.0	0.0	0.0	19.8
Santa Ana River Water Company	969.0	969.0	678.6	0.0	2,616.6	103.2	0.0	103.2	2,513.4	969.0	1,544.4	32,721.6	0.0
Upland, City of	2,124.2	2,124.2	1,487.7	0.0	5,736.1	1,312.4	0.0	1,312.4	4,423.7	2,124.2	2,299.5	60,357.7	0.0
West End Consolidated Water Co	705.6	705.6	494.2	0.0	1,905.4	0.0	0.0	0.0	1,905.4	705.6	1,199.8	34,671.7	0.0
West Valley Water District	479.8	479.8	336.0	0.0	1,295.6	0.0	0.0	0.0	1,295.6	479.8	815.8	21,345.5	0.0
Total	33,766.5	40,834.3	61,496.0	0.0	136,096.8	138,836.6	-22,912.8	115,923.8	60,698.4	36,478.0	40,305.5	818,110.8	11,242.4