

**2021 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. 941-80-20-10



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Date

A handwritten signature in blue ink, appearing to read "Mark J. Wildermuth".

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September 9, 2021

Date

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LIST OF ACRONYMS AND ABBREVIATIONS

af	Acre-Feet
afy	Acre-Feet Per Year
CVM	Chino Valley Model
CCWF	Chino Creek Well Field
DIPAW	Deep Infiltration of Percolation and Applied Water
FY	Fiscal Year
IEUA	Inland Empire Utilities Agency
MPI	Material Physical Injury
MZ	Management Zone
OBMP	2000 Optimum Basin Management Program
VOCs	Volatile Organic Compounds
Watermaster	Chino Basin Watermaster

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1.0 INTRODUCTION

1.1 Background

This report documents investigations required by Court order, the Peace Agreement, and the Chino Basin Watermaster (Watermaster) Rules and Regulations. There are two objectives in the investigations reported herein:

1. Evaluate the balance of recharge and discharge and provide Watermaster with recommendations on the locations and magnitude of future supplemental water recharge.
2. Assess the cumulative effect of transfers for the period including fiscal years 2001 through 2020.

1.2 Balance of Recharge and Discharge

The first objective of this investigation is to assess the balance of recharge and discharge in the Chino Basin and provide guidance for Watermaster's use in determining the locations and magnitude of supplemental water recharge to improve the hydrologic balance in the basin. One of the goals of the 2000 Optimum Basin Management Program (OBMP) is to "Enhance Basin Water Supplies." One of the impediments to achieving this goal is the lack of "wet-water" recharge in Management Zone (MZ) 1 where sustainable production was challenged, subsidence was occurring, and water quality was thought to be deteriorating – all due to a lack of recharge. Prior to the OBMP, Watermaster conducted replenishment in recharge facilities east of MZ1 to minimize cost. After the Court's approval of the OBMP and the Peace Agreement, Watermaster, the Inland Empire Utilities Agency (IEUA), and other entities have greatly improved the recharge capacity in the basin towards the goal of enhancing basin water supplies and balancing recharge and discharge throughout the basin.

1.2.1 Commitments and Requirements for the Balance of Recharge and Discharge

Section 5.1 (e) of the Peace Agreement contains Watermaster's commitments regarding the recharge of supplemental water in the Chino Basin. This analysis focuses on Watermaster's implementation of Peace Agreement Section 5.1 (e) items (i), (iii), (v), (vii), and (viii) (see Peace Agreement, pages 20 and 21):

"Watermaster shall exercise Best Efforts to:

- (i) protect and enhance the Safe Yield of the Chino Basin through Replenishment and Recharge;*
- (iii) direct Recharge relative to Production in each area and sub-area of the Basin to achieve long term balance and to promote the goal of equal access to groundwater in all areas and sub-areas of the Chino Basin;*
- (v) establish and periodically update criteria for the use of water from different sources for Replenishment purposes;*
- (vii) recharge the Chino Basin with water in any area where groundwater levels have declined to such an extent that there is an imminent threat of Material Physical Injury to any party to the Judgment;*
- (viii) maintain long-term hydrologic balance between total Recharge and discharge in all areas and sub-areas; [...]."*

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The OBMP Implementation Plan (Exhibit B of the Peace Agreement) contains language identical to that in Peace Agreement Section 5.1 (e) but is mostly silent as to the schedule of implementation for the specific commitments listed above (see Exhibit B, paragraph 11 on page 20 and the implementation schedule on pages 22 and 23). Paragraph 9 on page 20 of the Implementation Plan includes additional recharge guidelines that Watermaster must consider:

- “9. When locating and directing physical recharge, Watermaster shall consider the following guidelines:*
- (i) provide long term hydrologic balance within the areas and sub-areas of the basin*
 - (ii) protect and enhance water quality*
 - (iii) improve water levels*
 - (iv) the cost of recharge water*
 - (v) any other relevant factors.”*

Section 7 of the Watermaster Rules and Regulations repeats the commitments of Section 5.1 (e) of the Peace Agreement and adds (see Rules and Regulations, page 35, 7.1 (b) (iv)):

- “(b) Watermaster shall exercise Best Efforts to: [...]*
- (iv) Make its initial report on the then existing state of Hydrologic Balance by July 1, 2003, including any recommendations on Recharge actions which may be necessary under the OBMP. Thereafter, Watermaster shall make written reports on the long term Balance in the Chino Basin every two years; [...].”*

1.2.2 Current Activities and Scope of Evaluation

Pursuant to the Peace II Agreement, the Watermaster is required to manage the Chino Basin in a way that is incompatible with the goal of providing long term hydrologic balance within areas and sub-areas of the basin. The Re-Operation¹ water due to the Chino Basin Desalters and the Accumulated Overdraft² stipulated in the Judgment result in a planned overdraft of the Chino Basin.

Watermaster has an obligation to direct 6,500 afy of supplemental water recharge to occur in MZ1 through fiscal year (FY) 2030 pursuant to Section 8.4(d) of the Peace II Agreement. When Watermaster has discretion for directing supplemental water recharge beyond the 6,500 afy obligation, such as for wet-water replenishment and storage and recovery programs (e.g., the Dry-Year-Yield Program), Watermaster directs the additional recharge to MZ1 to mitigate the occurrence of land subsidence. Watermaster’s prioritization of supplemental water recharge to MZ1 is regularly evaluated to ensure that it complies with the Peace Agreement.

The state of the balance of recharge and discharge in the basin must be evaluated in the context of this management schema. This investigation evaluates the historical balance of recharge and discharge in the Chino Basin using the 2020 Chino Valley Model (CVM) developed as part of the 2020 Safe Yield Recalculation (WEI, 2020a)³. The differences in the balance of recharge and discharge will be tabulated annually in each

¹ 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)

² 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 the years FY1978 through FY2017.

³ The [2020 Safe Yield Recalculation Report](#)

of the OBMP MZs. These results will be used to evaluate and update recommendations for Watermaster to consider in determining the locations and magnitude of future supplemental water recharge.

1.3 Cumulative Effect of Transfers

1.3.1 Commitments and Requirements for the Evaluation of the Cumulative Effects of Transfers

The Judgment allows Appropriative Pool Parties to sell unproduced production rights and local storage water among themselves. This practice reduces the need for wet-water replenishment to the basin. During the development of the 2000 OBMP, concern was expressed that these transactions could be harmful to the basin and contribute to production sustainability challenges and land subsidence in MZ1.

Portions of Sections 5.1 and 5.3 of the Peace Agreement contain the Watermaster commitments to evaluate transfers of water in storage or water rights that are used to offset replenishment obligations and reduce wet-water water to the Chino Basin. The Peace Agreement and its Implementation Plan commit Watermaster to make an evaluation of transfers. Watermaster Rules and Regulations further define the evaluation to include the “cumulative impacts of Transfers, if any.” This investigation focuses on Watermaster’s implementation of the following portions of these documents. The Peace Agreement contains the following language:

“5.1 (e) Watermaster shall exercise Best Efforts to: [...]

(iv) evaluate the potential or threat for any Material Physical Injury to any party to the Judgment or the Chino Basin, including, but not limited to, any Material Physical Injury that may result from any Transfer of water in storage or water rights which is proposed in place of physical Recharge of water to Chino Basin in accordance with the provisions of Section 5.3;

(v) ensure a proper accounting of all sources of Recharge to the Chino Basin; [...].”

“5.3 (b) [...]

(iii) There shall be a rebuttable presumption that the Transfer and the Production by the transferee does not result in Material Physical Injury to a party to the Judgment or the Basin;

(v) Watermaster shall base any decision to approve or disapprove any proposed Transfer upon the record after considering potential impacts associated with the individual Transfer alone and without regard to impacts attributable to any other Transfers; [...].”

“5.3 (c) Watermaster shall allow Producers to lease water rights to make up for the lessees over Production.”

Pursuant to Section 5.3 of the Peace Agreement, transfers of water have been occurring since the Peace Agreement was approved by the Court. Some of these transfers have resulted in the avoidance of a replenishment obligation.

The Implementation Plan in Exhibit B to the Peace Agreement contains similar language to the Peace Agreement regarding 5.1 (e) but is mostly silent as to schedule for implementation of the specific commitments above (see Exhibit B, paragraph 11 on page 20 and the implementation schedule on pages 22 and 23). Paragraph 5 (iii) on page 19 of Exhibit B includes additional guidelines that Watermaster must consider:

“The need to continue physical recharge under this paragraph [6,500 af/yr of supplemental water in MZ1] shall be evaluated by Watermaster after the conclusion of fiscal year 2004-2005. In evaluating further physical recharge pursuant to this paragraph, Watermaster shall take into account the provisions of this Article, the Judgment and the OBMP among all other relevant factors. Except as to Watermaster’s

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determination of no material physical injury, the rights of each party to the Judgment to purchase or lease water to meet its over production obligation shall be unaffected by this provision; [...].”

Page 21 of Exhibit B also commits Watermaster to:

- “(d) evaluate the potential or threat for any material physical injury to any party to the Judgment or the Chino Basin, including, but not limited to, any material physical injury that may result from any transfer of water in storage or water rights which is proposed in place of physical recharge of water to Chino Basin in accordance with the provisions of Section 5.3;*
- (e) establish and periodically update criteria for the use of water from different sources for replenishment purposes;*
- (f) ensure a proper accounting of all sources of recharge to the Chino Basin; [...].”*

Section 7 of the Watermaster Rules and Regulations repeats the commitments of the Peace Agreement and Implementation Plan and adds Section 9.2 (e) and 9.3 (see Rules and Regulations, page 51):

- “(e) Transfers which occur between the same parties in the same year shall be considered as a single Transfer for the purpose of determining Material Physical Injury.”*
- “9.3 Integrated Watermaster Review. In reviewing Transfers under these Rules and Regulations, Watermaster shall exercise reasonable discretion. Watermaster shall review each proposed Transfer based upon the record before it and considering the potential impacts of the proposed Transfer alone. However, Watermaster shall also consider the cumulative impacts of Transfers generally when carrying out its responsibilities to implement the OBMP and Recharge and monitoring programs authorized by these Rules and Regulations or the Judgment.*
- (a) Watermaster will evaluate the cumulative physical impact of Transfers on the Basin, if any, by July 1, 2003, and a minimum of once every two years thereafter.*
- (b) Watermaster will take the results of its evaluation into account when carrying out its obligations under section 7.1 of these Rules and Regulations.”*

1.3.2 Scope of Evaluation

The scope of the evaluation of the cumulative effects of transfers comprises the following tasks:

- Task 1 – Determine the historical transfers for the period of fiscal year 2001 through 2020 that resulted in avoided wet-water replenishment. The Watermaster Assessment Packages are used to calculate the avoided wet-water replenishment by Party by year.
- Task 2 – Develop and run a revised historical scenario using the CVM. The revised historical scenario assumes that the avoided wet-water replenishment was recharged in the MZ from where the transfer occurred. All other assumptions will be identical to the historical scenario.
- Task 3 – Evaluate the impacts of the revised historical scenario compared to the historical scenario to determine Material Physical Injury (MPI) and/or adverse impacts that may have resulted from avoided wet-water replenishment. The performance metrics that are used to evaluate MPI and adverse impacts are identical to those documented in the 2018 Storage Framework Investigation (WEI, 2018a)⁴.

⁴ The [2018 Storage Framework Investigation Report](#)

1.4 Report Organization

This report consists of four Chapters including Chapter 1 Introduction and the following:

- **Chapter 2 Balance of Recharge and Discharge** – this chapter describes the model-estimated balance of recharge and discharge in each of the OBMP management zones in the Chino Basin, followed by a discussion of trends, implications, and recommendations.
- **Chapter 3 Cumulative Effects of Transfers for Fiscal Years 2001 through 2020** – this chapter describes the modeled basin response to restricting transfers between Appropriative Pool Parties.
- **Appendix A Annual Water Production Summaries for the Appropriative Pool Parties, 2001-2020**
- **Appendix B Annual Water Production Summaries for the Appropriative Pool Parties without Transfers, 2001-2020**



2.0 BALANCE OF RECHARGE AND DISCHARGE

2.1 Objective and Methods

The objective of this assessment is to evaluate the historical balance of recharge and discharge in each of the OBMP MZs and, if necessary, recommend strategies to improve the future balance of recharge and discharge in the Chino Basin. Figure 2-1 shows the boundaries of the CVM domain, the OBMP MZ boundaries, water service areas, Appropriative Pool and Chino Desalter pumping wells, and flood control and conservation basins. This evaluation takes place in the context of Watermaster’s monitoring programs that quantify recharge, pumping, water levels, water quality, and other basin metrics on at least a quarterly basis.

The historical balance of recharge and discharge is evaluated for the period from FY2005 through FY2020, (referred to herein as the historical period). For the period of FY2005 through FY2018, we tabulated the results for each MZ from the final calibration of the CVM as documented in Section 6 of the 2020 Safe Yield Recalculation Report (WEI, 2020a). For the years of FY2019 and FY2020, we tabulated the results for each MZ from the CVM replacing the planning data with historical hydrology, managed aquifer recharge, and pumping data for those years.

2.2 Results

Table 2-1 shows an annual accounting of the total recharge, discharge, and change in storage in MZ1, MZ2, MZ3, and the total of MZ4 and MZ5, respectively for the historical period. Figure 2-2 shows a time series of the cumulative change in storage for each of the MZs and the total cumulative change for the basin.

Overall, the cumulative storage decline is about 126,000 af over the historical period. The storage in MZ2 through MZ5 shows a steady decline over the historical period, while the storage in MZ1 fluctuates throughout the period. The storage in MZ1 increases by about 30,900 af and is the only MZ with a net increase in storage over the historical period. Spatial patterns of changes in groundwater levels over the historical period, such as those shown over the period of 2000 through 2020 in the 2020 State of the Basin Report (WY, 2021)⁵, corroborate these model-estimated storage changes.

2.3 Discussion

The historical balance of recharge and discharge across the entire Chino Basin and within each of the MZs reflects: hydrologic conditions; the effects of Watermaster’s actions in implementing the Judgment, Peace Agreement, and Court orders; and the Parties’ pumping behavior.

2.3.1 Hydrologic Conditions

The period of FY 1999 through 2018 was the driest 20-year period on record in the Chino Basin⁶ (WEI, 2020a). This dry period, combined with the shift in land use from agriculture to urbanization, has reduced the deep infiltration of precipitation and applied water (DIPAW) in the Chino Basin, which is a major component of recharge. Since model-estimated DIPAW peaked in 1984 at about 134,000 afy, it has steadily declined (except for a few intermittent wet years) to less than 70,000 afy in FY 2020. The estimated storage in the

⁵ The [2020 State of the Basin Report](#)

⁶ For the 122-year period of record through FY 2018.

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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, 2020a). These changes have contributed to the reduction of net recharge in the Chino Basin.

From the beginning of the Judgment through FY 2010, the Safe Yield of the Chino Basin was 140,000 afy. From FY 2011 through FY 2020, the Safe Yield was reduced to 135,000 afy based on a prospective model scenario assuming average hydrology over the period of 1950-2011 and future cultural conditions (WEI, 2015)⁷. Therefore, over the 16-year period from FY 2005 through FY 2020, the average Safe Yield was 136,875 afy. Over the same period, the estimated average net recharge in the Chino Basin was about 130,900 afy—5,975 afy less than the average Safe Yield. The total difference between average Safe Yield and the average net recharge is -95,600 af over the historical period. This difference contributed to the decline in storage over the historical period.

2.3.2 Approved Overdraft and Managed Storage

The Re-Operation water provided for in the Peace II Agreement and the Accumulated Overdraft stipulated in the Judgment result in a planned overdraft of the Chino Basin and a corresponding decrease in storage. At the end of FY 2020, the account balance of the Re-Operation water was about 88,800 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, totaling 65,000 af over the historical period. The sum of Re-Operation water and Accumulated Overdraft is about 376,200 af of “planned overdraft” in the Chino Basin over the historical period, which contributed to the decline in storage over the historical period.

During the historical period, the managed storage of the Parties increased from about 247,000 af to about 587,800 af over the historical period, an increase of about 340,800 af. The increase in managed storage offsets the effects of a portion of the planned overdraft and difference between net recharge and Safe Yield on the decline in storage over the historical period.

2.3.3 Increased Storage in MZ1

The storage in MZ1 increased by about 30,900 af during the historical period—the only MZ where storage has increased over the historical period. This is due to the following reasons:

1. The Peace II Agreement requirement that 6,500 afy of supplemental water must be recharged in MZ1 from the onset of the Peace II Agreement (2007) through 2030.
2. Watermaster’s direction to maximize supplemental water recharge to MZ1 up to its spreading capacity to assist in managing land subsidence in MZ1 (WEI, 2018b)⁸.
3. Reduced pumping since FY 2000 due to land subsidence and other groundwater production challenges (WY, 2021).

Together, these factors have resulted in roughly 162,000 af of supplemental water recharge in MZ1 over the historical period, about 49 percent of the total supplemental water recharge in the Chino Basin over that period (WY, 2021).

⁷ The [2013 Chino Basin Groundwater Model Update and Recalculation of the Safe Yield Pursuant to the Peace Agreement](#)

⁸ The [2018 Recharge Master Plan Update](#)



2.4 Recommendations

The 2018 Recharge Master Plan Update (2018 RMPU) (WEI, 2018b) 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 MZ1 up to its spreading capacity, then to maximize recharge in MZ3 up to its recharge capacity, and then to recharge in MZ2. 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 MZ1 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 MZ1 until the next RMPU occurs in 2023.”

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

The current trends of increasing groundwater levels and storage in MZ1 and slowing of land subsidence in northwest MZ1 (WEI, 2019)⁹ suggest a lower risk of continued subsidence in the immediate future, which reduces the urgency of prioritizing supplemental water in MZ1.¹⁰ However, future pumping may increase in MZ1 as the Parties overlying MZ1 have been installing the necessary treatment for local groundwater contaminants. In addition, much of the increased supplemental water recharge in MZ1 in recent years is associated with Metropolitan Water District’s (MWD’s) Dry-Year-Yield Program, the contract for which expires in 2028. The recharge activity in this Program is declining, and less supplemental water recharge is expected to occur through the remainder of the contract. The possible combination of increased discharge and decreased recharge in MZ1 in future years could result in increased rates of land subsidence in MZ1. Therefore, we do not recommend any changes to WEI’s 2018 recommendations for the location and magnitude of supplemental water recharge that were documented in the 2018 RMPU.

⁹ The [2018-19 Annual Report of the Ground-Level Monitoring Committee](#)

¹⁰ Pursuant to the Peace II Agreement, 6,500 af/year of supplemental water must be recharged in MZ1 through 2030. The 2020 Safe Yield Recalculation planning scenario assumed that “this obligation will be satisfied through the recharge of imported water for the Dry-Year Yield Program that has already occurred and planned recycled water recharge planned to occur in MZ1 through 2030.” Since this work was completed in 2020, conditions have not changed which would warrant updating this assumption.

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

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
2005	72,334	66,074	6,260	6,260	89,575	91,224	-1,649	-1,649	65,381	77,176	-11,795	-11,795	41,574	42,356	-782	-782	-7,967	-7,967
2006	78,837	59,678	19,159	25,419	98,588	90,565	8,022	6,373	69,312	70,520	-1,208	-13,003	39,622	40,182	-559	-1,342	25,414	17,448
2007	78,236	62,602	15,633	41,052	86,370	90,954	-4,584	1,789	75,298	77,375	-2,077	-15,080	39,826	44,983	-5,157	-6,499	3,815	21,262
2008	57,657	71,502	-13,845	27,207	77,955	89,472	-11,518	-9,729	74,945	87,405	-12,461	-27,540	42,487	48,650	-6,163	-12,662	-43,987	-22,724
2009	57,488	70,070	-12,582	14,625	74,199	89,511	-15,312	-25,041	70,202	82,398	-12,196	-39,736	44,288	49,275	-4,987	-17,649	-45,077	-67,801
2010	63,524	71,767	-8,243	6,382	79,735	90,506	-10,770	-35,812	74,430	82,773	-8,343	-48,079	45,699	48,998	-3,299	-20,948	-30,655	-98,457
2011	69,428	59,821	9,607	15,989	85,070	82,461	2,609	-33,203	74,250	71,795	2,454	-45,625	45,952	46,650	-698	-21,646	13,972	-84,485
2012	67,701	62,574	5,127	21,116	81,488	77,230	4,258	-28,946	73,602	71,344	2,258	-43,367	44,591	46,652	-2,062	-23,708	9,581	-74,904
2013	54,553	65,409	-10,855	10,260	73,561	83,181	-9,620	-38,566	70,243	77,497	-7,254	-50,621	43,866	44,824	-958	-24,666	-28,688	-103,593
2014	53,115	67,033	-13,918	-3,658	74,616	81,646	-7,031	-45,597	68,585	80,620	-12,035	-62,656	44,208	47,225	-3,017	-27,683	-36,001	-139,594
2015	50,851	58,806	-7,954	-11,613	72,973	77,133	-4,160	-49,756	71,635	75,060	-3,425	-66,081	43,684	45,102	-1,418	-29,101	-16,957	-156,551
2016	50,799	47,242	3,556	-8,056	73,530	86,073	-12,543	-62,300	68,844	71,345	-2,501	-68,583	43,191	42,656	535	-28,566	-10,953	-167,504
2017	65,224	50,736	14,488	6,432	77,614	78,835	-1,221	-63,520	71,948	74,539	-2,591	-71,173	42,495	42,525	-30	-28,596	10,646	-156,858
2018	68,704	52,978	15,725	22,157	78,696	73,481	5,216	-58,305	71,574	73,348	-1,774	-72,947	40,541	42,968	-2,426	-31,022	16,741	-140,117
2019	58,850	54,181	4,669	26,826	78,141	71,146	6,995	-51,309	66,049	69,234	-3,185	-76,133	44,165	41,999	2,166	-28,857	10,645	-129,472
2020	59,398	55,295	4,103	30,929	81,859	85,710	-3,851	-55,160	72,239	69,322	2,917	-73,216	43,799	43,475	324	-28,533	3,493	-125,979

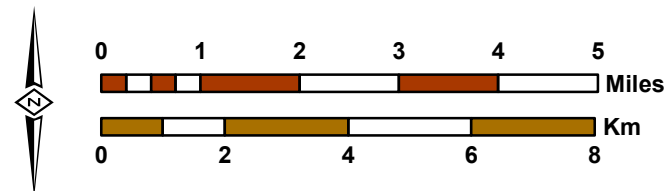
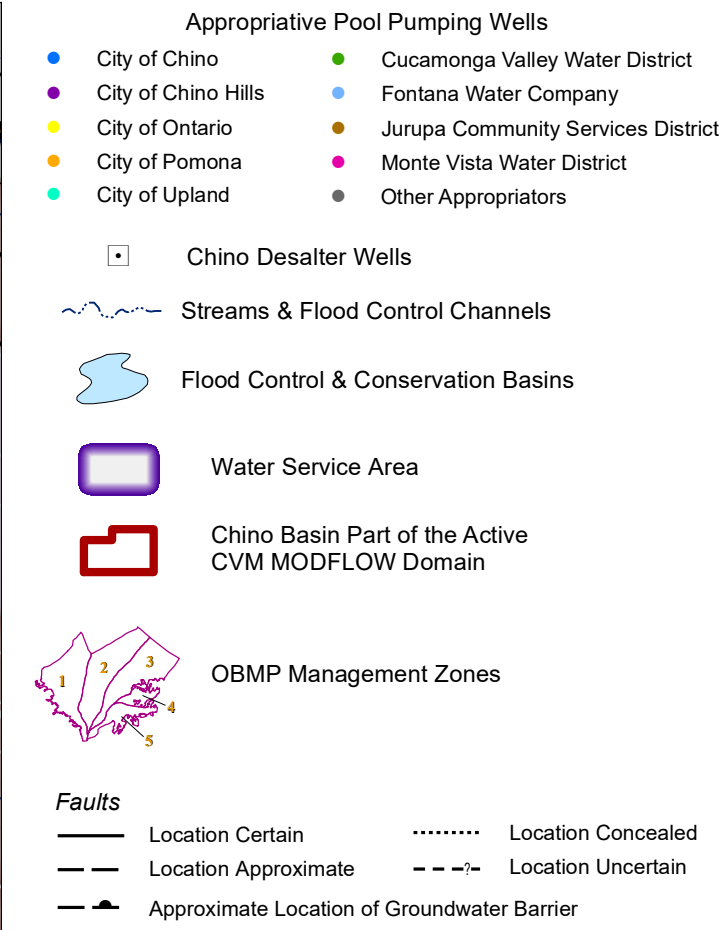
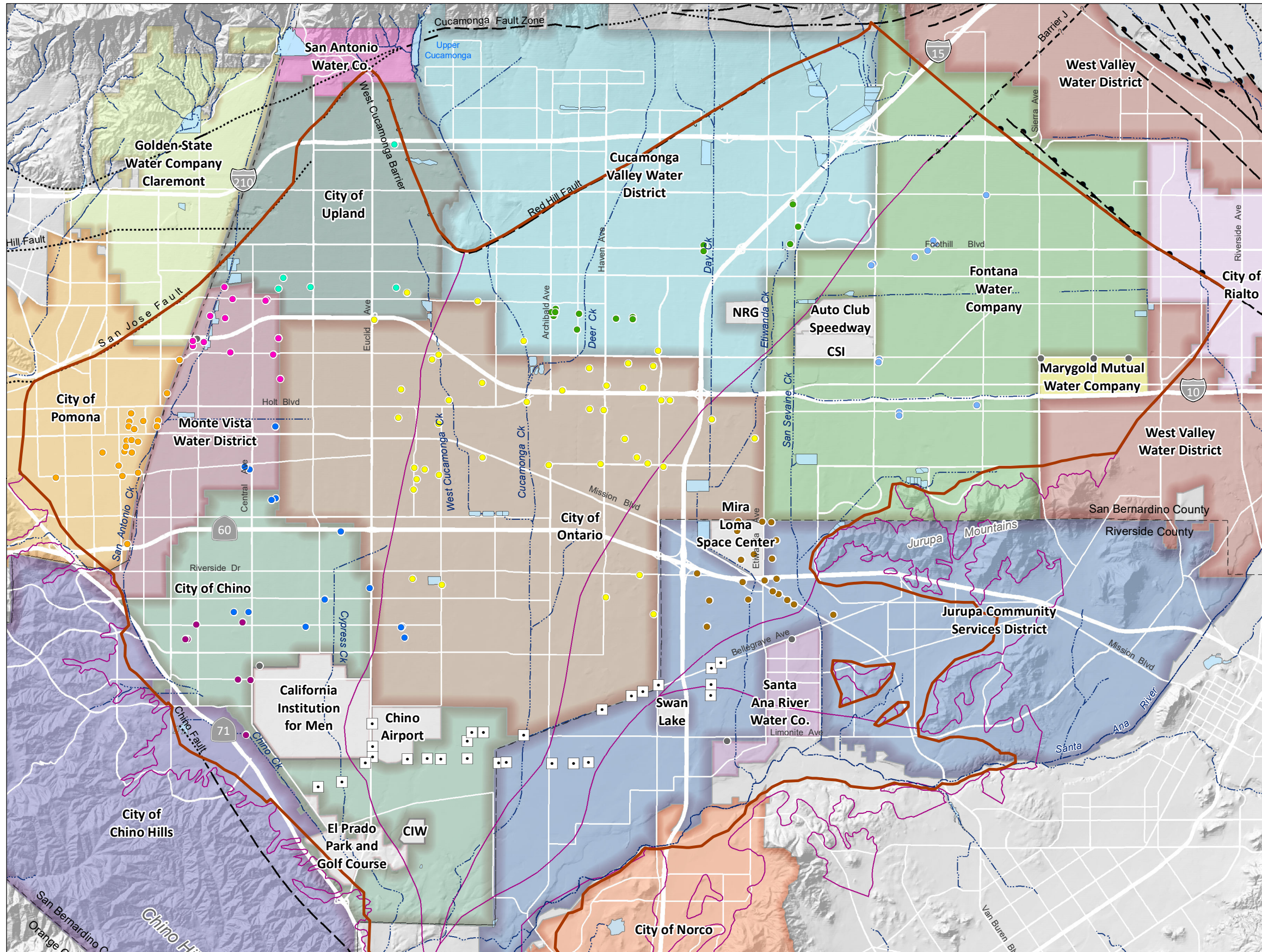
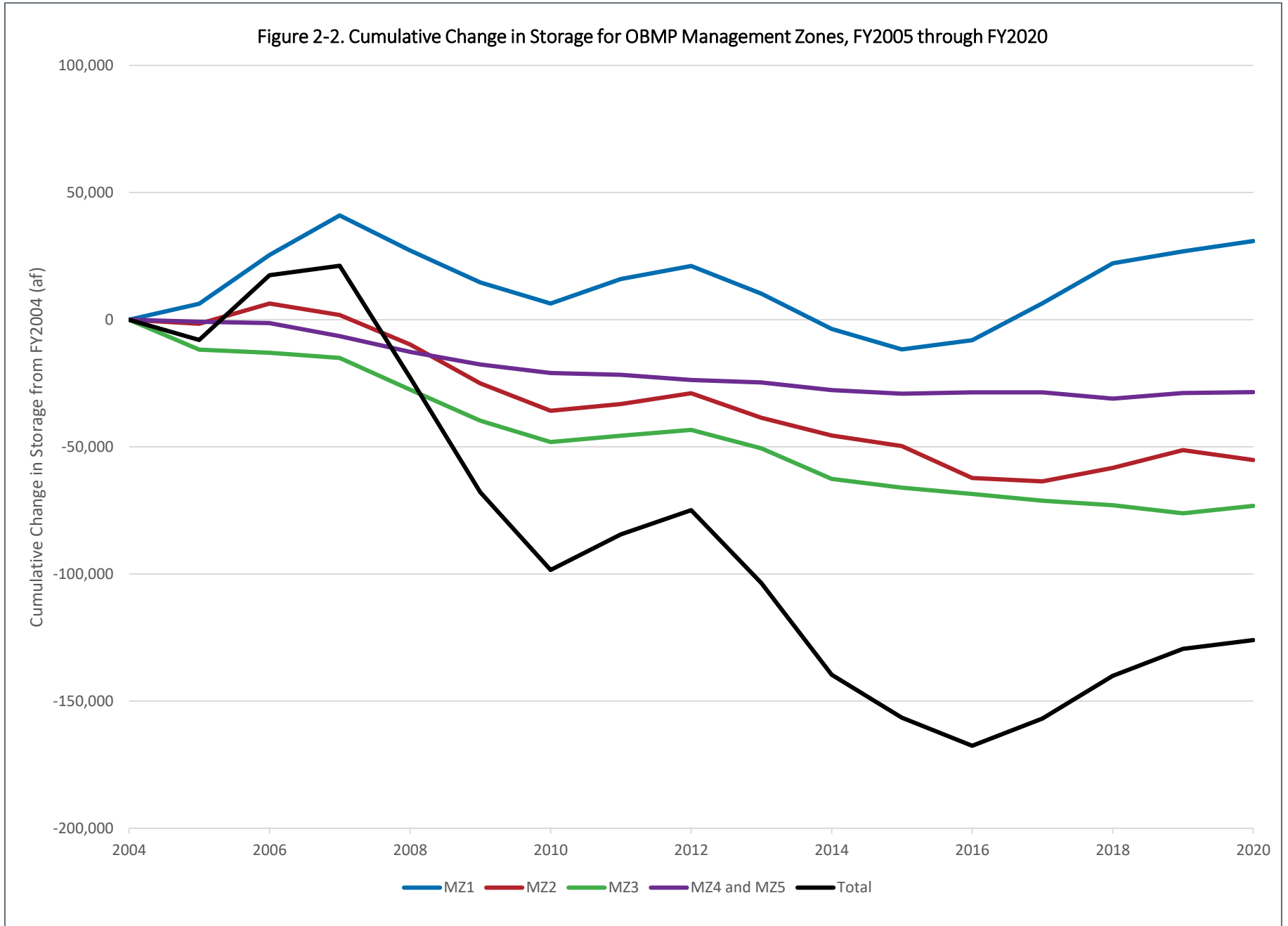


Figure 2-2. Cumulative Change in Storage for OBMP Management Zones, FY2005 through FY2020



3.0 CUMULATIVE EFFECTS OF TRANSFERS FOR FISCAL YEARS 2001 THROUGH 2020

3.1 Objective and Methods

The objective of this assessment is to determine if transfers have caused MPI or adverse impacts in the basin. Transfers have the effect of reducing wet-water replenishment in the basin. The effects of transfers on the basin are evaluated based on Watermaster's criteria for evaluating MPI and adverse impacts from the use of managed storage:

- 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)

These performance metrics are described in detail in Section 2 of the 2018 Storage Framework Investigation (WEI, 2018a) and they were reevaluated for the storage space used by the Judgment parties and reported in the 2020 Safe Yield Recalculation (WEI, 2020a).

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

A Microsoft Excel workbook that computes historical replenishment obligations based on production rights, water in storage, and transfers was created from Watermaster assessment packages. Worksheets were created for each fiscal year and dynamically linked such that ending storage balances in storage accounts and carryover water at the end of each fiscal year were equal to the initial values for the subsequent year. Tables for each fiscal year describing Appropriator production rights, production, transfers, and ending storage accounts balances have been included as Appendix A to this report. The logic in the workbook was constructed so that transfers could be removed across all fiscal years having the effect of causing storage accounts to grow and increasing replenishment obligations each year. Tables for each fiscal year, describing appropriator production rights, production, and ending storage accounts balances with the removed transfers have been included as Appendix B to this report. Tables 3-1 through Table 3-3 summarize the replenishment obligations reported in the assessment packages for FY 2001 through FY 2020, the estimated replenishment obligations that would have occurred in the absence of the transfers and increases in replenishment obligations that would have occurred in the absence of transfers, respectively. In total, the avoided wet-water replenishment due to transfers for the period was 327,000 AF and averaged about 16,400 afy. Figure 3-1 graphically compares the time history of the historical annual replenishment obligation to the replenishment obligations that would have occurred in the absence of transfers.

Table 3-4 lists, by management zone, 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 MZ1, MZ2, and MZ3 through MZ5, respectively. About 56 percent of the transfers were used to offset potential replenishment obligations originating in MZ3.

3.3 Cumulative Effects of Transfers in the Chino Basin

The CVM with updated hydrology and historical data through FY 2020 was used as the baseline historical scenario (referred to herein as the historical scenario) that is used to evaluate the effects of transfers. This is the same model that is used to evaluate the balance of recharge and discharge documented in Chapter 2. A scenario to evaluate the effects of 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) to 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 MZ4 or MZ5 were added to the avoided replenishment in MZ3, as no managed recharge facilities exist in MZ4 or MZ5.

The 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, 2020, the avoided replenishment of 9,900 af in FY 2020 is not input into the model. The total avoided replenishment that is added as recharge to the revised historical scenario is 317,500 af over the period of FY 2001 through FY 2020. The additional recharge was distributed proportionally to each of the active recharge basins¹¹ 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 (WEI, 2020b)¹². The additional recharge calculated to occur in MZ3 exceeds the assumed capacity for MZ3 in several years, totaling about 6,500 af, or less than four percent of the total additional recharge in MZ3. In years when this occurs, the recharge exceeding the capacity in MZ3 is instead recharged in MZ1, where sufficient capacity exists.

3.3.1 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 time. Net recharge is equal to recharge minus uncontrolled discharge and excludes the recharge of supplemental water. Algebraically, net recharge is:

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

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 scenario and the revised historical scenario for the period FY 2001 through FY 2020. The net recharge in the revised historical scenario is less than in the historical scenario due to increases in imported water recharge and the associated physical storage in the revised historical scenario. This reduction in net recharge averages about 3,750 afy over the historical period for the revised historical scenario. Hence, the cumulative effect

¹¹ 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, and sufficient capacity to recharge the avoided replenishment in the revised historical scenario did not exist in those years.

¹² The *Annual Finding of Substantial Compliance with the Recharge Master Plan* for FY 2020-21 can be found at page 69 of the November 2020 Watermaster Board Package [here](#).

of transfers was to increase net recharge by about 3,750 afy over the period FY 2001 through FY 2020—cumulatively about 75,000 af.

3.3.2 Managed Storage

Figure 3-6 shows the end-of-year balances in managed storage accounts for the historical scenario and the revised historical scenario for the period FY 2001 through FY 2020. Removing transfers between Parties results in an increase of about 235,000 af in managed storage by the end of FY 2020. Note that the Safe Yield was not changed in the revised historical scenario. Reducing the Safe Yield would result in further increases in replenishment obligations and wet-water replenishment, which would reduce net recharge and Safe Yield.

3.3.3 Groundwater Levels, Pumping Sustainability, and Land Subsidence

Figure 3-7 shows the differences in groundwater levels between the revised historical scenario and the historical scenario in June 2020. In the revised historical scenario, groundwater levels are higher across the entire basin by an average of about 13 feet. For example, groundwater levels are up to 40 feet higher in MZ3, where 56 percent of the avoided replenishment was 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 MZ3 and Chino Desalter Well Field (WEI, 2020a). The higher groundwater levels in the revised historical scenario compared to the historical scenario suggest that the cumulative effect of transfers may have contributed to some of the current pumping sustainability challenges. The impact at specific wells is not precisely known 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 increased groundwater levels in these regions.

Since 2001, land subsidence has occurred in MZ1 due to the historical lowering of groundwater levels caused by groundwater pumping (WEI, 2019). In the revised historical scenario, groundwater levels are up to 15 feet higher in MZ1 compared to the historical scenario, suggesting that the cumulative effect of transfers was lower groundwater levels across MZ1. The impact of these lower groundwater levels on the occurrence of land subsidence 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.

Watermaster regularly monitors pumping, groundwater levels, and ground motion in the Areas of Subsidence Concern pursuant to its adaptive Subsidence Management Plan under the guidance and supervision of the Ground-Level Monitoring Committee (GLMC). Monitoring data collected since 2001 indicates that groundwater levels have recovered across MZ1 and that land subsidence has slowed or ceased (WEI, 2019). The increase in groundwater levels is, in part, due to the transfer of unproduced rights out of MZ1 to pumpers in other MZs, which appears to have helped mitigate the occurrence of land subsidence in MZ1.

3.3.4 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 minimus discharge

standard of 1,000 afy. The discharge through the CCWF increases without transfers by increasing discharge rates during the period of 2001 through 2020. By 2020, the projected discharge through the CCWF is about 610 afy in the revised historical scenario, which is 390 afy below the de minimus discharge standard and 90 afy higher than in the historical scenario. The cumulative effect of transfers was to reduce groundwater discharge through the CCWF and to help ensure the attainment of hydraulic control.

3.3.5 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 Desalter well field. These plumes have been described in recent Watermaster reports (WEI, 2018a; WY, 2021). Available data for plume locations is limited in the first half of the simulated 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 2018 Storage Framework Investigation (WEI, 2018a), the effects of storage and recovery programs were simulated, where up to 300,000 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 2018 Storage Framework Investigation, we can infer that the revised historical scenario would result in accelerated plume movement downgradient towards the Desalter 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.

3.4 Summary of Changes in Hydrologic Conditions Due to Transfers

From FY 2001 through FY 2020, the cumulative effects of transfers have been: smaller volumes of wet-water recharge by about 317,500 af; lower groundwater levels across the Chino Basin; and reduced groundwater storage in the Chino Basin by about 241,000 af. The lower groundwater levels and reduced storage over this period has increased net recharge on average by about 3,750 afy and has reduced subsurface discharge through the CCWF (which increased the degree of hydraulic control). However, the decline in groundwater levels due to transfers increased the threat of pumping sustainability challenges and land subsidence. The decline in storage due to transfers has retarded the movement of plumes in the Chino Basin.

Table 3-1. Replenishment Obligations Reported in the Assessment Packages for Fiscal Years 2001 through 2020

Party	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	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	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
Chino, City of	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
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
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
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	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	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	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
Marygold Mutual Water Company	0	0	0	0	0	0	0	0	0	0	0	0	0	79	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
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	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
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	16,763
Nicholson Trust	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	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	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
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
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
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	271
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
Upland, City of	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
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
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	151,393

Table 3-2. Replenishment Obligations that Would Have Occurred in the Absence of Transfers for Fiscal Years 2001 through 2020

Party	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	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	5,761
CalMat Co. (Appropriative)	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
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
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	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
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	282,597
Inland Empire Utilities Agency	4	4	4	2	1	1	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	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
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
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
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	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
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	21,990
Nicholson Trust	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
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	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
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
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
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	271
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
Upland, City of	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
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
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	478,769

Table 3-3. Additional Replenishment Obligations that Would Have Occurred in the Absence of Transfers for Fiscal Years 2001 through 2020

Party	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	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	1,270	
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, City of	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
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	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
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	200,948	
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
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	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
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	-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
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	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
Niagara Bottling, LLC	0	0	0	0	0	0	0	0	0	0	672	480	675	600	600	600	600	500	500	0	0	5,227
Nicholson Trust	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	-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	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
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
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
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
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
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
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
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
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	327,375	

Table 3-4. Total Replenishment Obligations by Management Zone (MZ) with and without Transfers between Parties, FY2001 through FY2020

Fiscal Year	MZ1		MZ2		MZ3 through MZ5		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
Total	25,444	59,526	37,208	143,695	88,742	275,548	151,394	478,769

Figure 3-1. Historical Replenishment Obligations with and without Transfers between Parties, 2001-2020

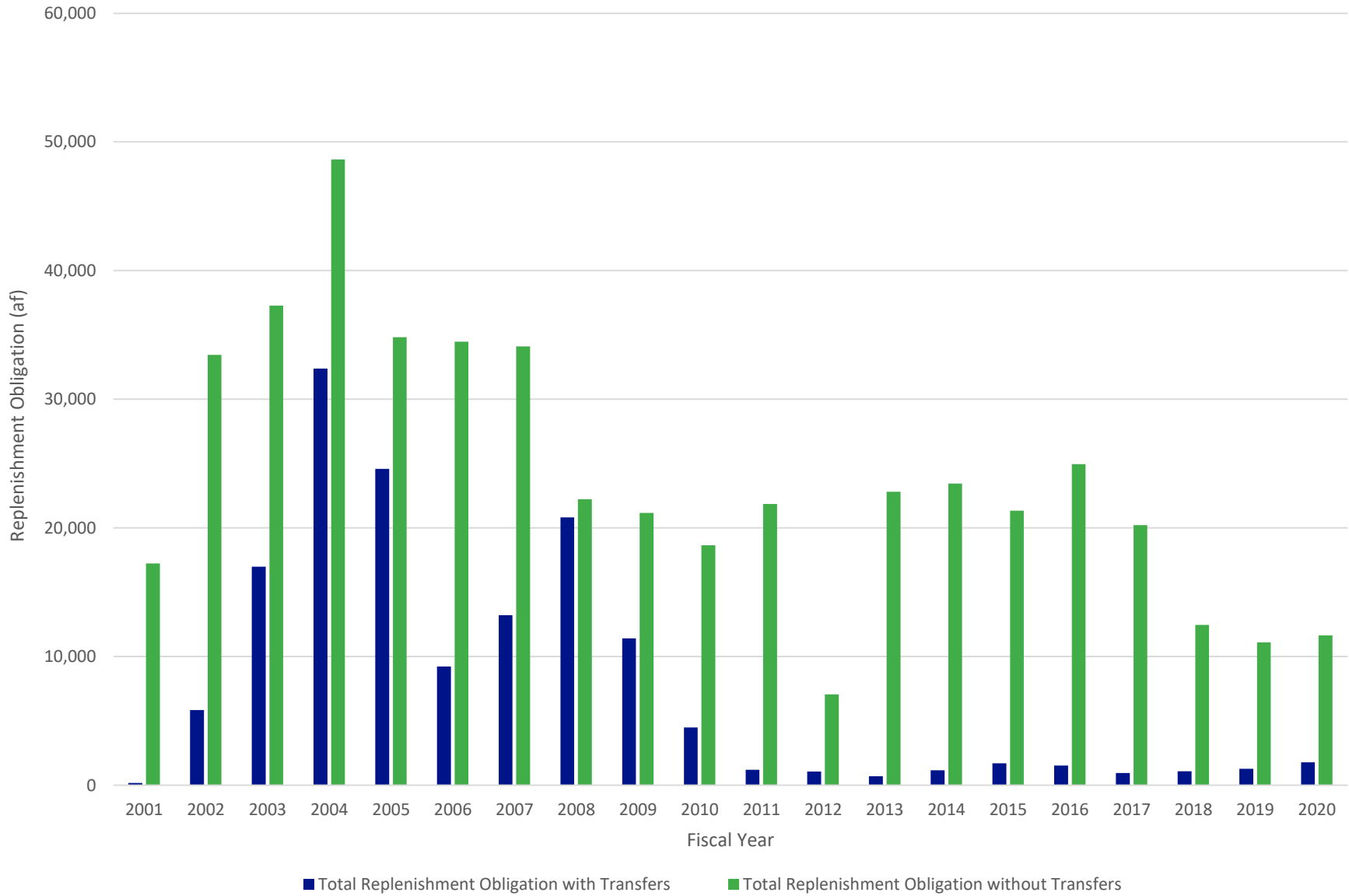


Figure 3-2. Historical Replenishment Obligations in MZ1 with and without Transfers between Parties, 2001-2020

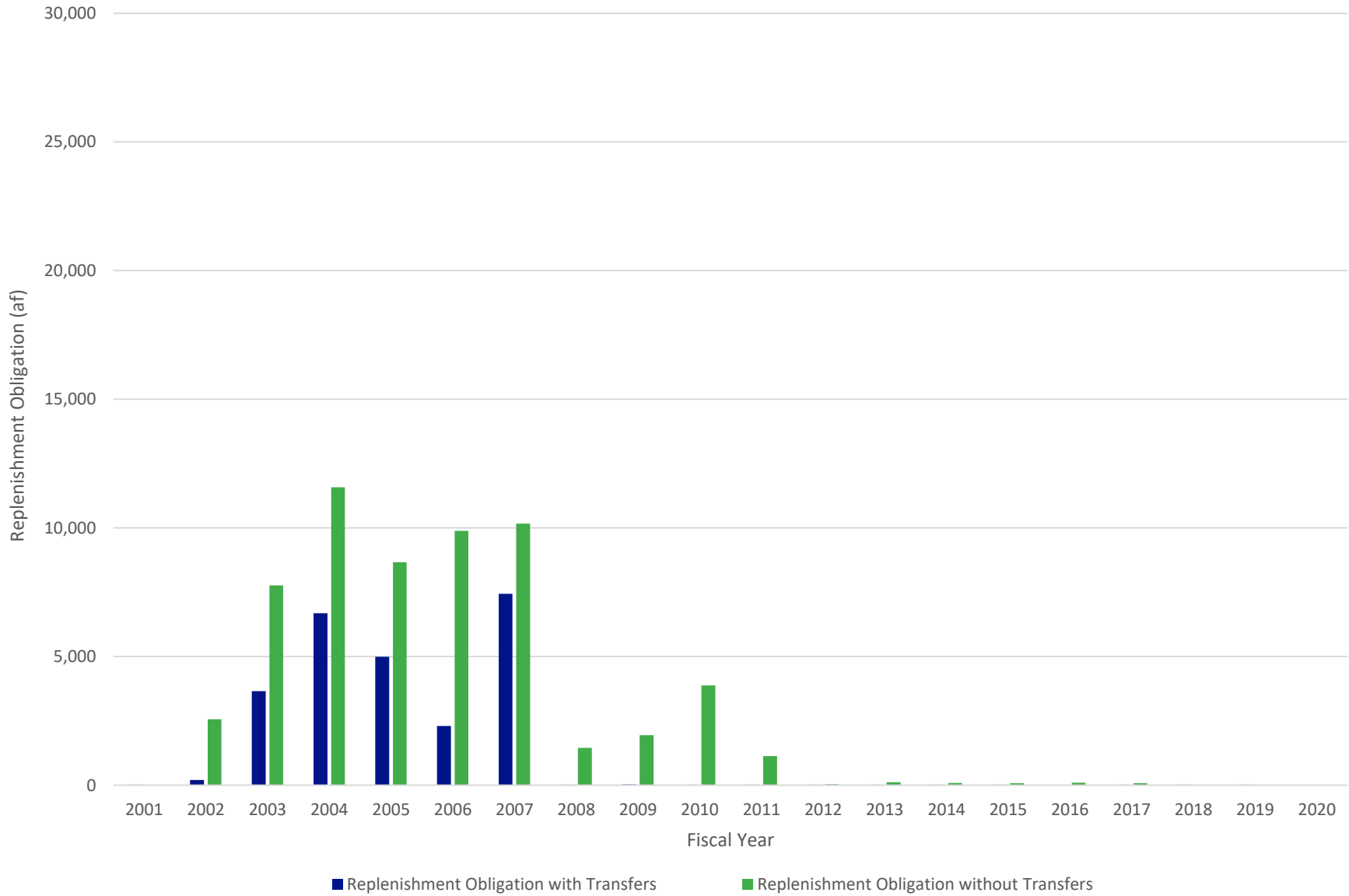


Figure 3-3. Historical Replenishment Obligations in MZ2 with and without Transfers between Parties, 2001-2020

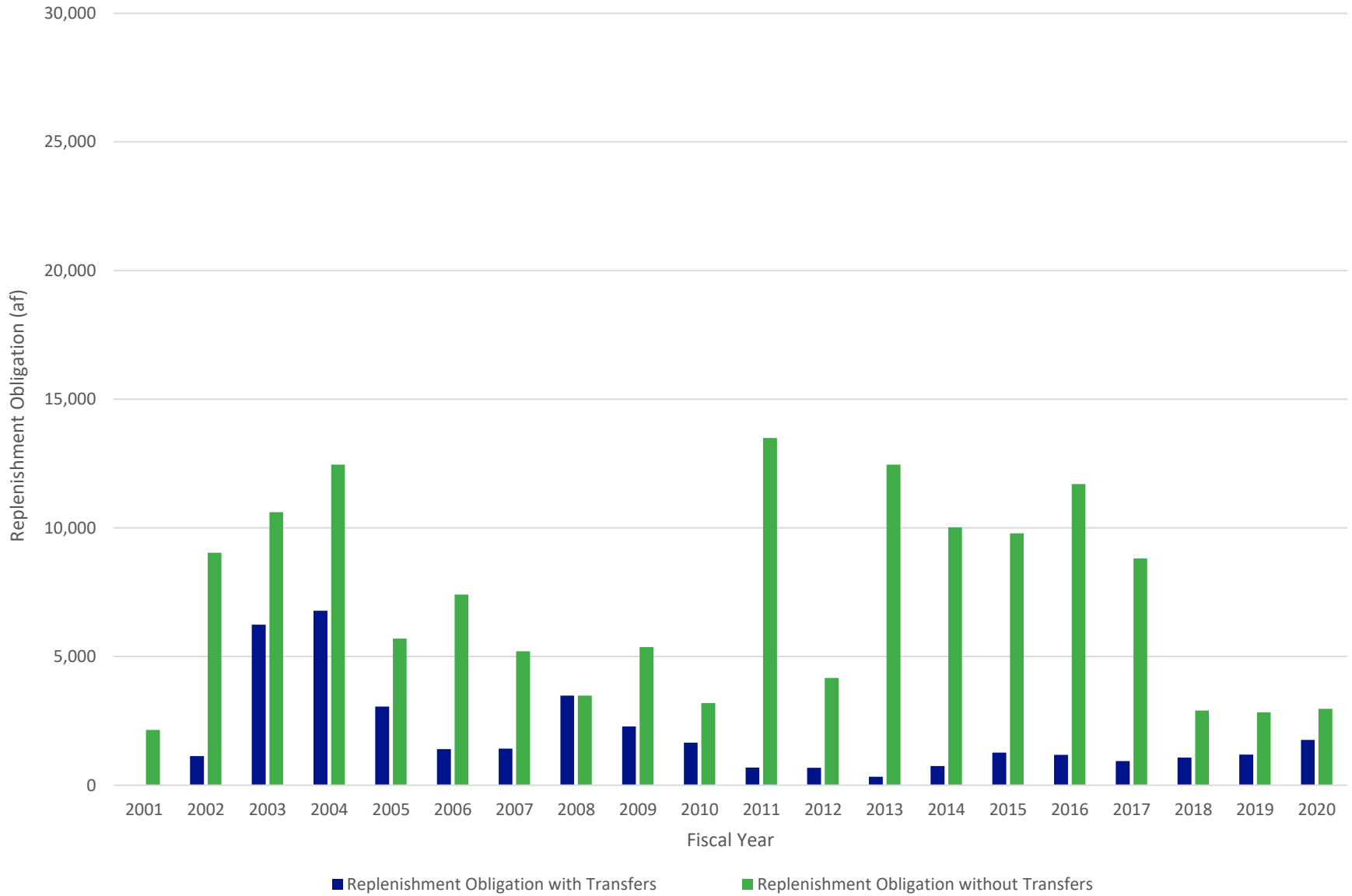


Figure 3-4. Historical Replenishment Obligations in MZ3 through MZ5 with and without Transfers between Parties, 2001-2020

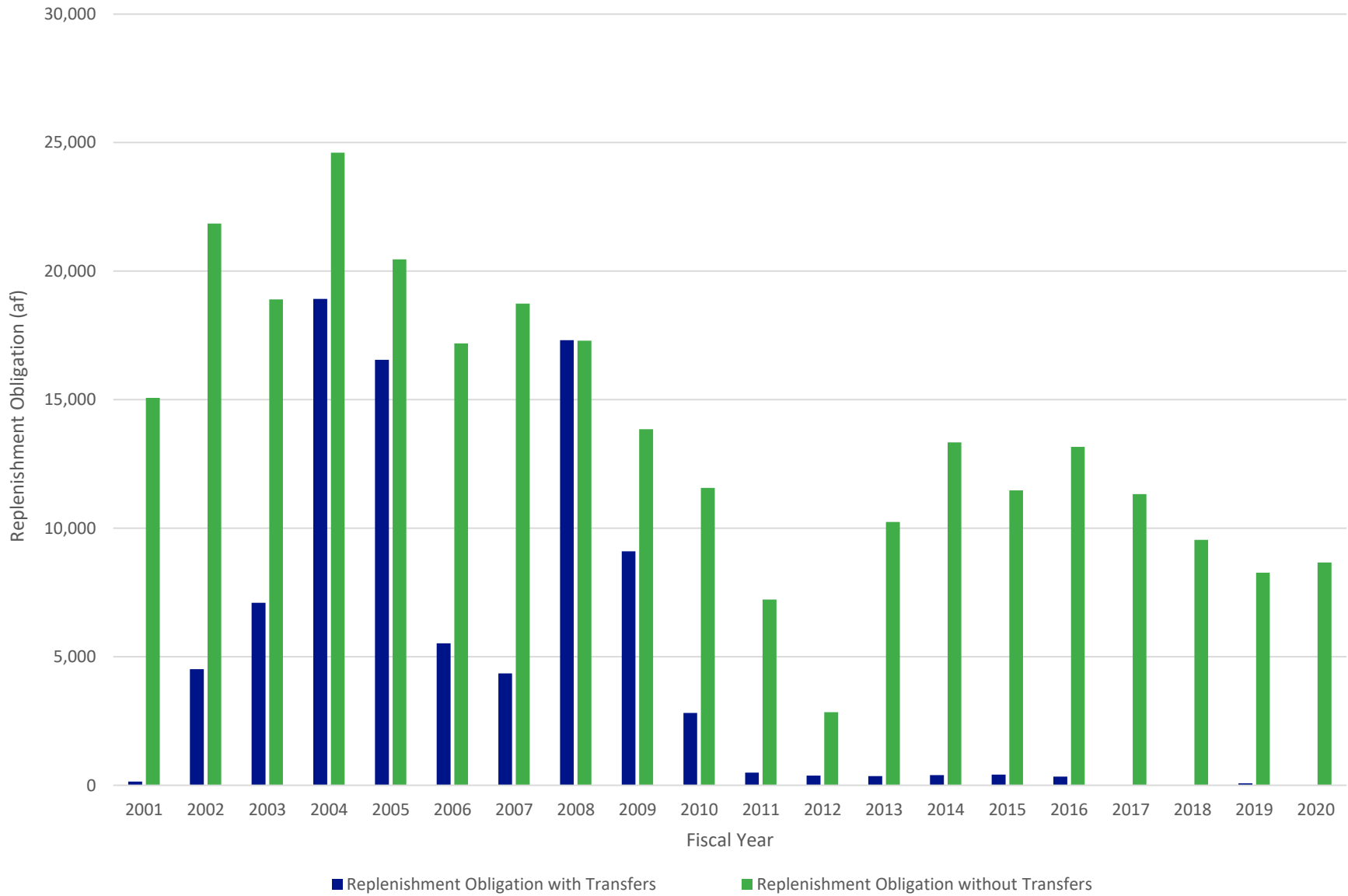


Figure 3-5. Net Recharge for the Historical and Revised Historical Scenarios

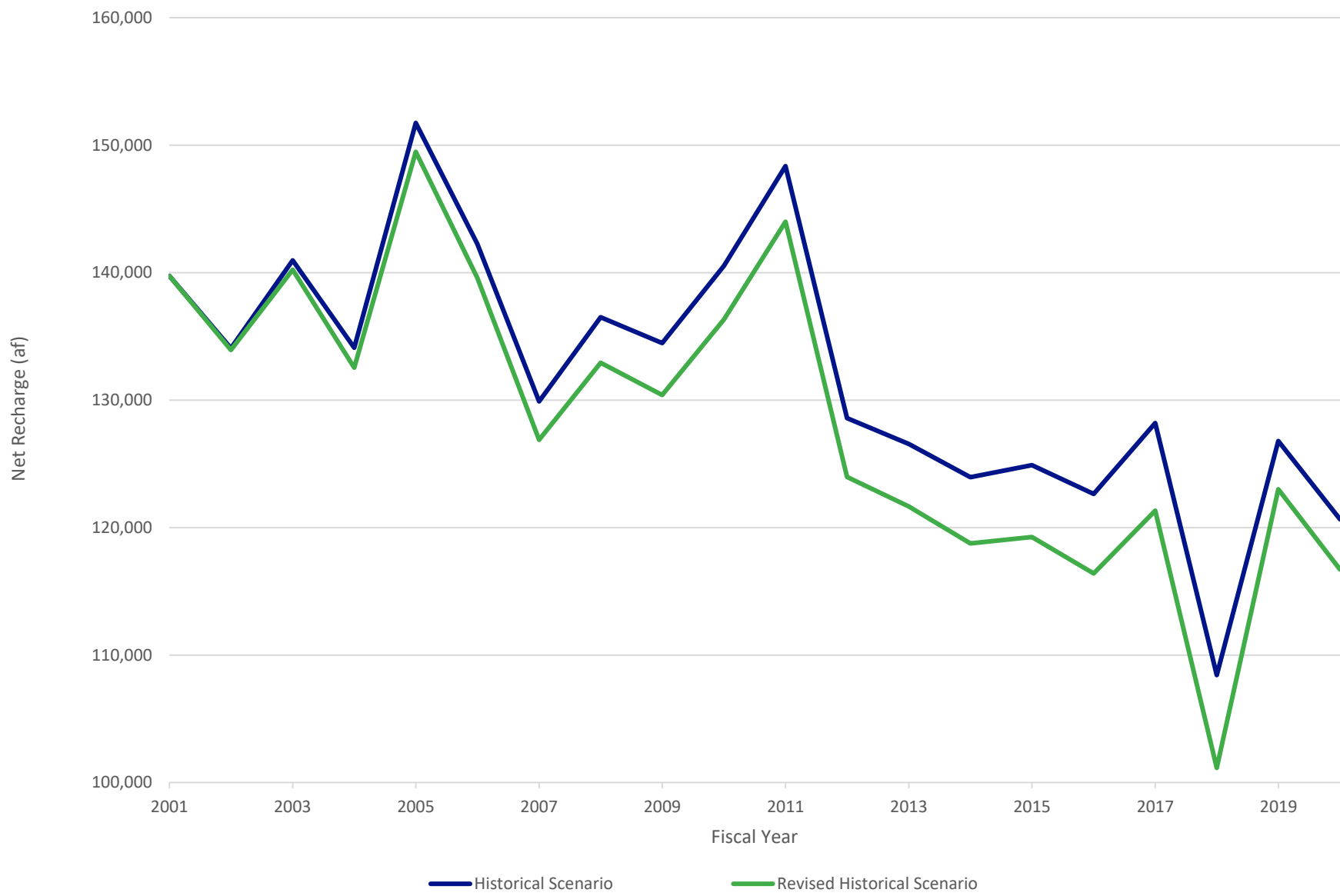
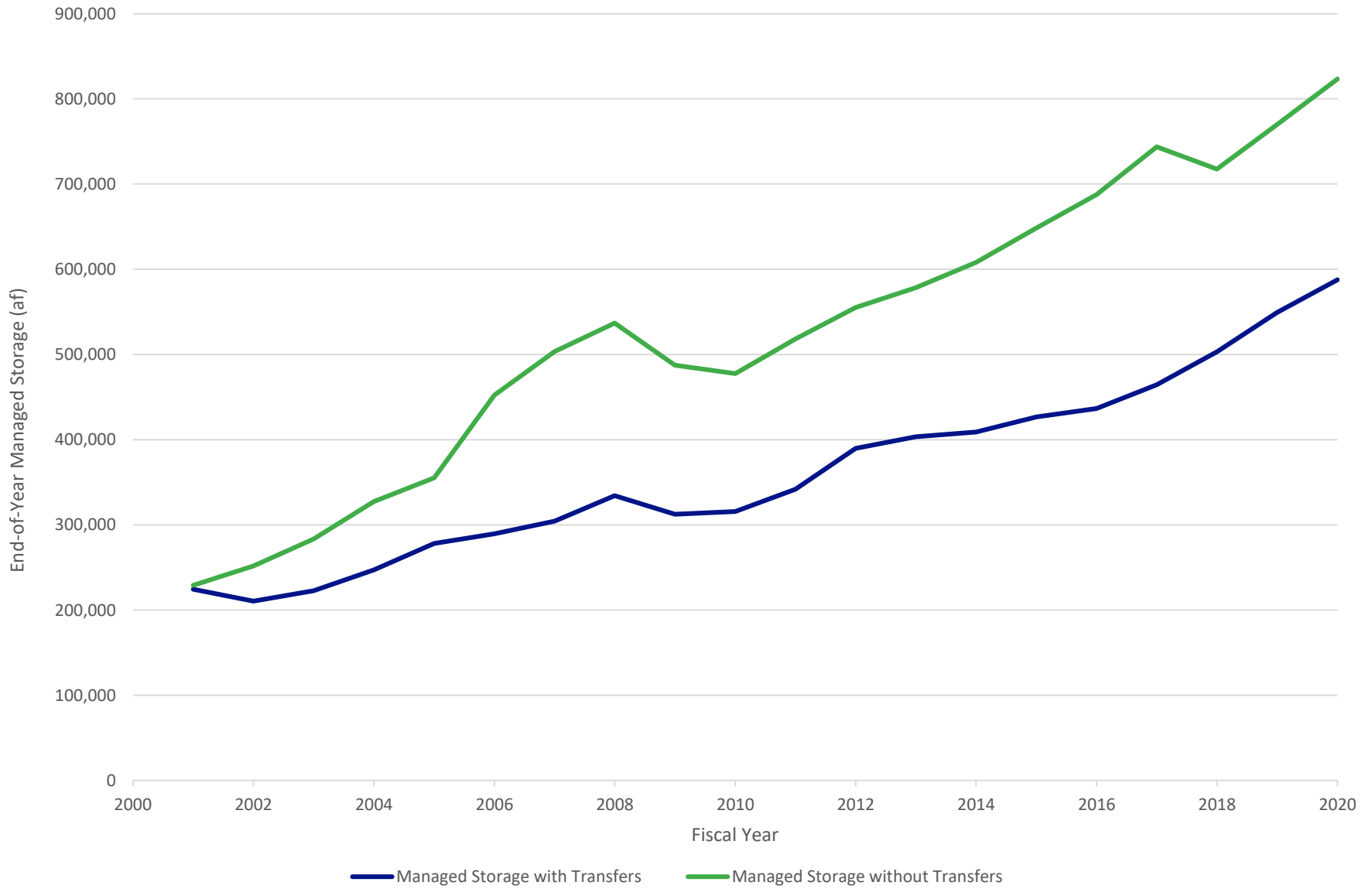
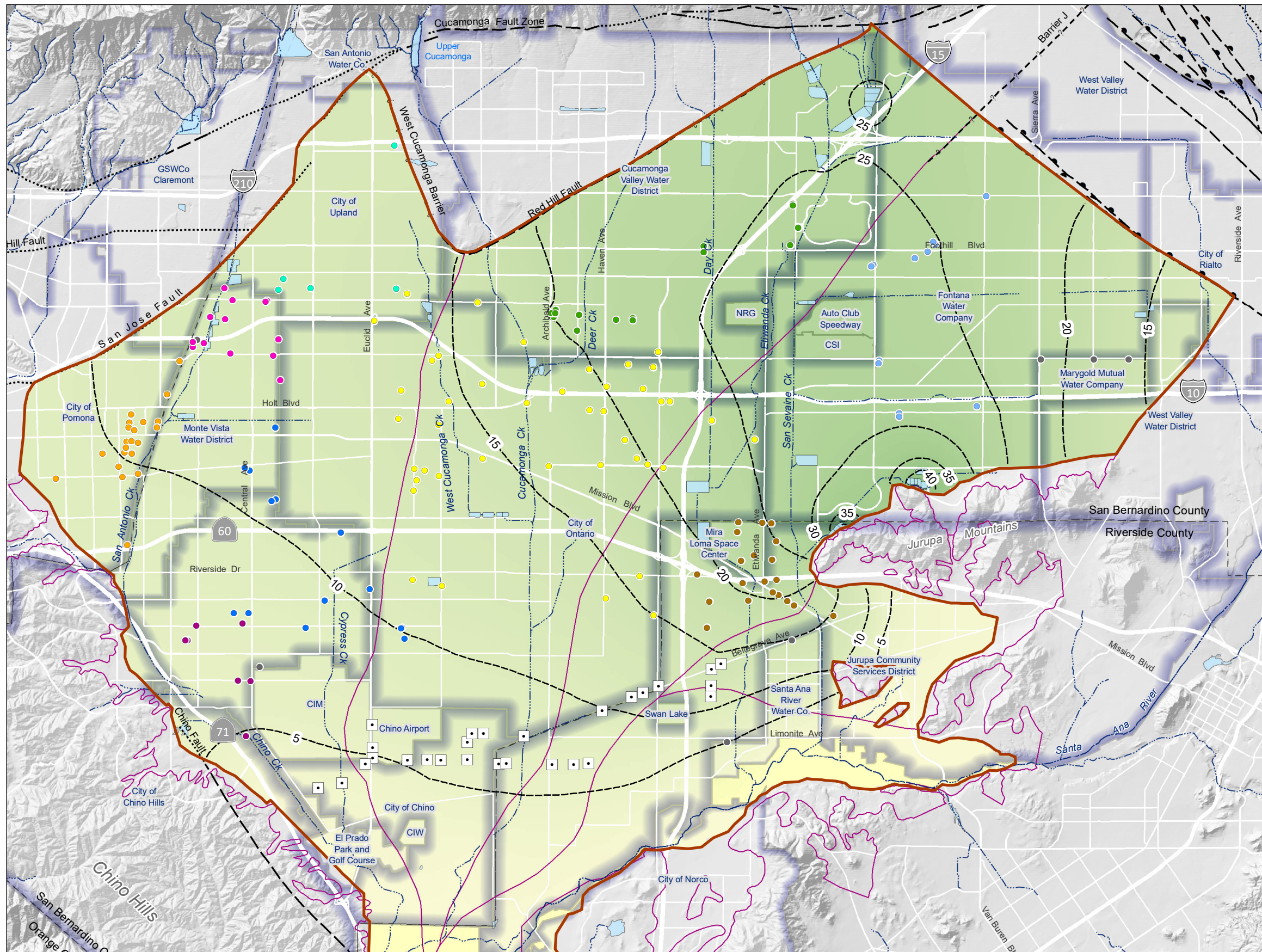
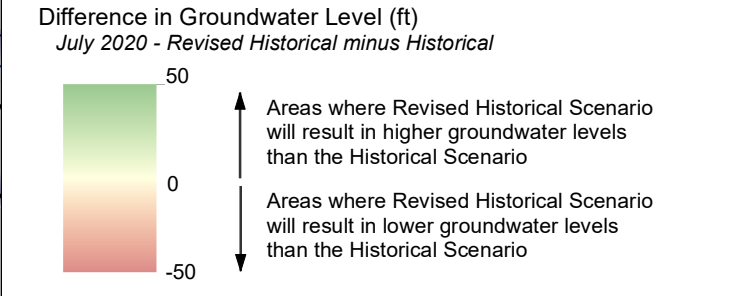


Figure 3-6. Total Balance in End-of-Year Managed Storage with and without Transfers between Parties, 2001-2020





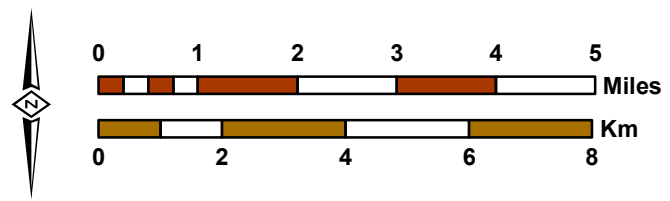
Contour of Difference in Groundwater Level (ft)
 Positive Change July 2020 - Revised Historical minus Historical
 Contour of Difference in Groundwater Level (ft)
 Negative Change July 2020 - Revised Historical minus Historical



- 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
 - 1-5 OBMP Management Zones



Prepared by:
 Author: GR
 Date: 9/9/2021
 File: Figure 3-7 GWE Change CET.mxd



2021 Model Update
 and Required Demonstrations



Projected Difference in Groundwater Levels
 for Layer 1
 Revised Historical minus Historical (July 2020)

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, 2001-2020

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Appendix B

Annual Water Production Summaries for the Appropriative Pool Parties without Transfers 2001-2020

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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