

WESTERN - SAN BERNARDINO WATERMASTER  
FOR

WESTERN MUNICIPAL WATER DISTRICT et al.

vs.

EAST SAN BERNARDINO COUNTY WATER DISTRICT et al.

CASE NO. 78426 - COUNTY OF RIVERSIDE

**ANNUAL REPORT**

**OF THE**

**WESTERN-SAN BERNARDINO WATERMASTER**

FOR

CALENDAR YEAR 2008

August 1, 2009

RECEIVED  
SUPERIOR COURT OF CALIFORNIA  
COUNTY OF RIVERSIDE

AUG 03 2009

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vs.

EAST SAN BERNARDINO COUNTY WATER DISTRICT ET AL.  
CASE NO. 78426 - COUNTY OF RIVERSIDE

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August 1, 2009

TO: Clerk of Superior Court of Riverside County and All Parties

RE: Watermaster Report for Calendar Year 2008

Gentlemen:

We have the honor of submitting the Annual Report of the Western-San Bernardino Watermaster for Calendar Year 2008.

The provisions of Paragraph III and Paragraphs V through XII of the Judgment in Case No. 78426, entered April 17, 1969, became effective from and after January 1, 1971. The Judgment requires that the Watermaster report to the Court and to each Party in writing not more than seven months after the end of each year, or within such other time as the Court may fix, on each determination made by said Watermaster pursuant to the Judgment and such other items as the Parties may mutually request or the Watermaster may deem to be appropriate.

Accordingly, this report is submitted herewith under date of August 1, 2009, and presents the findings of the Watermaster for Calendar Year 2008 and summarizes the five-year period 2003 through 2007.

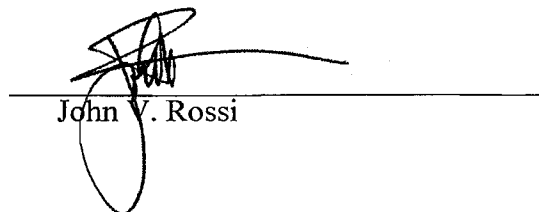
Provisions of the Judgment require that Western and San Bernardino Valley provide groundwater replenishment if certain base rights are exceeded. The determination of replenishment obligations for the five-year period 2003 through 2007 indicates that Western and San Bernardino Valley are not required to provide additional imported water for replenishment.

We, and each of us, hereby certify that this is a true and correct Report of the Watermaster for work performed by us, and under our supervision, for Calendar Year 2008 pursuant to the requirements of the Judgment.

Respectfully submitted,

WESTERN-SAN BERNARDINO WATERMASTER

By   
Samuel H. Fuller

  
John V. Rossi

WESTERN - SAN BERNARDINO WATERMASTER  
FOR

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CALENDAR YEAR 2008

August 1, 2009

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**CHAPTER I**  
**INTRODUCTION**

## **CHAPTER I**

### **INTRODUCTION**

Provisions of the physical solution set forth in the Judgment in Case No. 78426, Western Municipal Water District of Riverside County et al., vs. East San Bernardino County Water District et al., entered April 17, 1969, in the Superior Court of the State of California in and for the County of Riverside, established the entitlements and obligations of the two major water districts overlying the San Bernardino, Colton, and Riverside groundwater basins, namely San Bernardino Valley Municipal Water District (San Bernardino Valley) and Western Municipal Water District of Riverside County (Western).

The Court appointed a Watermaster, composed of two persons, to administer and enforce the provisions of the Judgment and to report annually to the Court and the parties. Samuel H. Fuller continues as the representative from San Bernardino Valley. John V. Rossi continues as the representative from Western.

The provisions of the Judgment became effective January 1, 1971; however, progress reports were filed with the Court for calendar years 1969, 1970, and 1971 reporting on the progress of verifications and initial determinations required by the Judgment. This report for calendar year 2008 includes a description and summary of the work completed during 2008 and also includes the annual accounting of extractions from the San Bernardino, Colton and Riverside Basin areas and the distribution of such extractions to the various service areas for calendar year 2007. The scope of this report for 2008 and a history of the litigation leading to the physical solution settling the case are set forth in some detail in succeeding paragraphs.

#### **Scope of Report**

Paragraph XIII(e) of the Judgment requires the Watermaster to report to the Court and each Party not more than seven months after the end of each year.

The Annual Reports of the Western-San Bernardino Watermaster for calendar years 1969 thru 1971 reported on the verifications and initial determinations required by the Judgment including the safe yield of the San Bernardino Basin Area and the determination of the Adjusted Rights of the Plaintiffs. Beginning with the 1972 Report, the Watermaster began the annual accounting in accordance with the Judgment provisions. This report presents the activities of the Watermaster for calendar year 2008 together with the annual accounting of extractions and deliveries for calendar year 2007.

### **History of Litigation**

Before the turn of the twentieth century, the various water service organizations diverting surface water from the Santa Ana River and pumping from the underground water basins supplied by the underflow of the Santa Ana River and its tributaries have from time to time engaged in litigation over water rights within the San Bernardino, Riverside, and Orange County areas.

On October 18, 1963, the Orange County Water District (OCWD) filed suit against the City of Chino and others, seeking an adjudication of water rights against more than 2,500 water users in the Santa Ana River Watershed tributary to Prado Dam. Included among the defendants were the Chino Basin Municipal Water District (now Inland Empire Utility Agency), Western Municipal Water District of Riverside County (Western), and San Bernardino Valley Municipal Water District (San Bernardino Valley). Thirteen cross complaints were filed in 1968, which extended the adjudication to more than 1,500 water users in the area downstream from Prado Dam, which included OCWD. Thus, some 4,000 parties were involved in the suit, including the three upper districts and OCWD.

With a case of this magnitude, it became obvious that every effort should be made to arrive at an equitable settlement and a physical solution in order to obviate the

enormous expense and unwieldy litigation which would be involved if the case were brought to trial.

Attorneys and engineers representing the four major districts and a large number of the defendants worked diligently in order to effect a settlement and some type of physical solution which would prove acceptable to all parties.

As a result, in May of 1968, an outline of a proposal for settlement of the case was prepared and a committee, composed of attorneys and engineers for the parties, commenced preparation of the settlement documents.

In June, 1968, the Court held a hearing on the motions which it had received requesting a preliminary injunction and an order of reference. The plaintiff OCWD, however, was concerned with the necessity of bringing the case to trial within the statutory period, and therefore, on July 15, 1968, submitted a motion to set the complaint in the case for trial. On October 15, 1968, the trial was commenced and adjourned after a half day of testimony on behalf of the Plaintiff.

Shortly thereafter, the parties filed settlement documents with the Court, including a stipulation for Judgment, and on April 17, 1969, the Court, entered the stipulated Judgment, thus terminating the many years of controversy over water rights along the Santa Ana River involving the issues and parties included in the case of Orange County Water District vs. City of Chino, et al.

During the settlement negotiations, it became apparent that the San Bernardino Valley entities would participate only in a part of the Orange County settlement, in the belief that they had no responsibility for the waters of the Santa Ana River downstream from the point of rising water at Riverside Narrows. Therefore, the settlement of the OCWD action established an obligation of San Bernardino Valley for the delivery of 15,250 acre-feet of Base Flow annually at the Riverside Narrows, subject, however, to adjustment for quality.

As a result of the Orange County settlement, it became apparent that a second settlement would be necessary between the Riverside and San Bernardino entities who diverted water from the Santa Ana River surface and groundwater sources supplied by the Santa Ana River and tributaries above the Riverside Narrows.

For some time, increasing withdrawals from groundwater resources above Bunker Hill Dike (San Jacinto Fault), which supplied in large part the water requirements of San Bernardino and Redlands as well as the Riverside exporters, had been the cause of concern to the exporters in Riverside County. As a result, on March 1, 1963, a suit was filed by Western, and others, seeking a general adjudication of water rights within the San Bernardino Basin Area. This suit preceded the filing of the Orange County suit, and it was decided that this suit could well be used as a vehicle for a physical settlement between Riverside and San Bernardino interests.

Following extensive negotiations between Riverside and San Bernardino interests, a physical settlement was completed and documents delineating the settlement were entered in the Superior Court of the State of California in and for the County of Riverside on April 17, 1969, being Judgment No. 78426.

#### **Summary of Judgment No. 78426**

The physical solution as agreed upon and as set forth in the Judgment states that all instructions and orders of the Court are to be administered and enforced by a Watermaster consisting of a committee of two persons, one of whom shall be nominated by San Bernardino Valley and the other by Western and appointed by the Court.

The Judgment directed the Watermaster to make certain initial determinations and to verify the amounts of water diverted and pumped from streams and groundwater basins embraced by the Judgment where such amounts had been assumed for purposes of the Judgment. Upon completion of the verifications and initial determinations compliance with the Judgment requires an annual accounting of the

ground and surface water production within the various basins in order that the Watermaster may properly report to the Court the comparisons of the year-by-year operations with the verified entitlements and an accounting as to the replenishment obligations or credits indicated by such comparison. The items verified or determined initially and to be reported on annually are as follows:

	<b>Watermaster Determination Required by Judgment</b>	<b>Verified for Five Calendar Years Ending with 1963</b>	<b>To Be Determined Annually from and after 1971</b>
1.	Total actual average annual extractions from the San Bernardino Basin Area by entities other than plaintiffs for use within San Bernardino County.	X	X
2.	The natural safe yield of the San Bernardino Basin Area based upon the cultural conditions equivalent to those existing during the five-calendar year period ending with 1963.	1	1
3.	The annual "adjusted right" of each Exporter (Plaintiff) to extract water from the San Bernardino Basin Area based upon the percentage of the natural safe yield determined by the methods used in Table B-2 of the Judgment.	X	
4.	The annual production by plaintiffs for comparison with adjusted right determined in item 3 next preceding.		X
5.	Annual discharge from the City of San Bernardino Water Quality Control Plant to the river as to quantity and quality.	2	X
6.	Average annual extractions from the Colton Basin Area for use outside San Bernardino Valley.	X	X
7.	Average annual extractions from the Riverside Basin Area within San Bernardino County for use outside San Bernardino Valley.	X	X

	Watermaster Determination Required by Judgment	Verified for Five Calendar Years Ending with 1963	To Be Determined Annually from and after 1971
8.	The average static water levels within the Colton Basin and Riverside Basin within San Bernardino County as determined by the three wells listed in Judgment.	3	X
9.	The average annual extractions from that portion of the Riverside Basin Area in Riverside County which are tributary to the Riverside Narrows for use in Riverside County.	X	X
10.	Annual amounts of water extracted for use within Western from the San Bernardino Basin and the area downstream therefrom to the Riverside Narrows which have been exported for use outside the area tributary to the Riverside Narrows.	X	X
11.	Annual amount of water extracted for use within San Bernardino County from the San Bernardino Basin Area and Colton Basin Area for use on lands which are not tributary to the Riverside Narrows.	4	X
12.	Reduction in return flow now contributing to base flows at Riverside Narrows which results from conversion of agriculture using water within Western to domestic or other uses connected to sewage or waste disposal system, the effluent from which is not tributary to the rising water at Riverside Narrows.	5	X

<sup>1</sup> Determined initially by supplemental order of the Court to be 232,100 acre-feet per annum. Such amount is subject to the continuing jurisdiction of the Court.

<sup>2</sup> Assumed for purposes of Judgment to be 16,000 acre-feet annually, verification not required.

<sup>3</sup> Established at 822.04 feet above sea level, based on fall season of 1963.

<sup>4</sup> Revised by Watermaster during preparation of the Annual Report for calendar year 1974.

<sup>5</sup> Average for 5 years ending with 1963 established by Judgment to be 3,916 acres; verification not required.

The foregoing initial determinations and verifications required by the Judgment have been completed and were reported in the *Annual Report of the Western-San Bernardino Watermaster for Calendar Years 1971 and 1972.*

**CHAPTER II**  
**WATERMASTER ACTIVITIES**



## **CHAPTER II**

### **WATERMASTER ACTIVITIES**

The Watermaster activities have included principally the collection, tabulation, and analysis of data, the maintenance of records, and the preparation of the annual report which presents the determinations and findings of the Watermaster as required by the Judgment.

#### **Groundwater Extractions**

The most important data required for implementing the provisions of the Judgment are the annual tabulations of the groundwater extractions and surface water diversions made within the San Bernardino, Colton, and Riverside Basin Areas. These extractions and diversions were initially determined and verified for the 1959-63 Base Period and were assembled and summarized in the Watermaster Report on Verification of Extractions, Volume 1 from the San Bernardino Basin Area (consisting of three parts), Volume 2 from the Colton Basin Area, Volume 3 from the Riverside Basin Area in San Bernardino County, and Volume 4 from the Riverside Basin Area in Riverside County. The Watermaster has established a system for tabulating annual notices of groundwater extractions and surface diversions filed with the State Water Resources Control Board or, since Calendar Year 2005, the Watermaster. The filed data are verified by the Watermaster and provide the basis for the annual accounting of extractions as required by the Judgment. Such extractions have been determined for calendar year 2007 and are summarized herein. Listings of the verified extractions by each individual owner for calendar year 2007 are assembled in Report of Watermaster, Volumes 1-2007, 1A-2007, 2-2007, 3-2007, and 4-2007.

## **Distribution of Extractions**

In addition to the annual accounting of the extractions from each Basin, the Judgment also requires a determination as to the distribution of such extractions to the various service areas.

The distribution of verified extractions from the Colton and Riverside Basin Areas and the distribution of the Plaintiffs' extractions from the San Bernardino Basin Area were determined initially for the 1959-63 Base Period, and were reported in Report of Watermaster, Volume 5, entitled *Distribution of Extractions*. Such distribution has been determined for calendar year 2007 and is summarized herein. Detailed work sheets are assembled in Report of Watermaster, Volume 5-2007.

The Watermaster is also required to determine the amount of water extracted from each of the various Basin Areas and delivered to areas not tributary to Riverside Narrows. Such amounts fall into two classifications, described as follows:

- 1) Extractions from the San Bernardino Basin Area, Colton Basin Area, and Riverside Basin Area for use within Western on lands not tributary to the Riverside Narrows.
- 2) Extractions from the San Bernardino Basin Area and Colton Basin Area within the San Bernardino Valley Municipal Water District for use on lands not within Western nor tributary to the Riverside Narrows.

The amount of water extracted and delivered under Classification No. 1 was determined initially for the 1959-63 Base Period and was reported in the Report of Watermaster, Volume 6, dated June, 1972. The amount determined for calendar year 2007 is summarized herein. Detailed work sheets are assembled in the Report of Watermaster, Volume 6-2007.

The amount of water extracted and delivered under Classification No. 2 was determined for the 1959-63 Base Period and the additional years 1970 and 1971 and was published in the Report of Watermaster, Volume 7, dated February, 1973. The amount determined for calendar year 2007 is summarized herein. Detailed work sheets are assembled in the Report of Watermaster, Volume 7-2007.

### **Groundwater Level Measurements**

Groundwater surface elevation data required for three key wells located in the Colton Basin Area and the Riverside Basin Area within San Bernardino County are currently furnished by the City of Riverside, San Bernardino Valley and Western.

These data are shown in both tabular and graphical form for calendar years 1963 thru 2007 in Volume 8 of previous Watermaster reports. The determination for calendar year 2008 is shown in the Report of Watermaster, Volume 8-2007.

### **Stream Flow and Water Quality Measurements**

The program of stream flow measurements conducted by the United States Geological Survey (USGS) in cooperation with the Watermaster has continued to provide basin inflow and stream diversion data.

The Western-San Bernardino Watermaster participates with the Santa Ana River Watermaster in part of the expense of the cooperative program with the USGS on surface water gages and water quality monitors at various locations. These expenses are presented in reports filed by the Santa Ana River Watermaster. The costs incurred for stream flow data collected and analyzed by the USGS on behalf of the Western-San Bernardino Watermaster are set forth in Table No. 1.

### **Field Inspections**

During the verification of the 2007 extractions from the San Bernardino, Colton and Riverside Basin Areas, many of the pumping facilities installed for extractions of groundwater and diversion of surface water were visited by the Watermasters or their representatives. Contact was made with many of the extractors to review their methods of computing extractions for the annual reports that were filed with the Watermaster.

During the initial verification program in the San Bernardino Basin Area, it was found that many groundwater producers and several diverters of surface water did not file their extractions and diversions with the State Water Resources Control Board. This condition was found to exist in many locations during the current year, which again

necessitated inspection trips and contacts with various owners by the Watermasters or their representatives.

**Western's Replenishment Credits in the San Bernardino Basin Area**

In 2004, Western and San Bernardino Valley began to implement paragraphs VI(b)6 and V(a) of the Judgment with respect to the importation by Western of water from the State Water Project for replenishment of the San Bernardino Basin Area. Under these provisions of the Judgment, and by agreement with San Bernardino Valley, Western acquired 3,500 acre-feet of water in 2004 and another 2,500 acre-feet in 2005 from The Metropolitan Water District of Southern California for replenishment of the San Bernardino Basin Area. Table 3, 17A and 18 have been added and/or modified to account for such replenishment and future extractions. The accumulated excess of replenishment over extractions by Western shall be shown as a Net Credit, and Western shall have the right to extract its Net Credit, or any portion thereof, at any future time, and transfer such right to any Plaintiff in this action, to be extracted in addition to any other rights such transferee may have. To the extent permitted by agreement with San Bernardino Valley, replenishment may be made to offset prior extractions, and shall be shown in the appropriate tables as a Net Obligation.

**TABLE NO. 1**  
**COSTS TO THE PARTIES FOR USGS**  
**SURFACE WATER MEASUREMENTS USED BY**  
**WESTERN-SAN BERNARDINO WATERMASTER**

November 1, 2007 to October 31, 2008

	<u>Parties</u> Share of Cost	<u>USGS</u> Share of Cost
<u>Santa Ana River near Mentone</u>	\$12,350	\$8,250
<u>Mill Creek near Mentone</u>	13,250	0
<u>Plunge Creek near East Highland</u>	27,500	18,150
<u>City Creek near Highland</u>	19,750	13,200
<u>San Timoteo Creek near Loma Linda</u>	12,350	8,250
<u>East Twin Creek near Arrowhead Springs</u>	12,350	8,250
<u>Santa Ana River at E Street</u>	13,200	0
<u>Warm Creek near San Bernardino</u>	12,350	8,250
<u>Lytle Creek at Fontana Union Water Company Head Gates</u>		
Infiltration Pipeline meter	2,900	1,900
Lytle Creek near Fontana Streamflow	13,500	9,000
Weir No. 2 and No. 3 — Head Gate Diversion	12,350	0
20-ft. Weir — Forebay Spillway Return to Creek	12,350	0
<u>Southern California Edison Lower Power House on Lytle Creek</u>		
20-ft. Weir — Discharge of Lower Powerhouse	12,350	0
Parshall Flume — Return to Creek from Afterbay	12,350	0
Fontana Union Diversion (20-ft. Weir, West)	12,350	0
<u>Lone Pine Creek near Keenbrook</u>	12,350	8,250
<u>Caion Creek below Lone Pine Creek near Keenbrook</u>	12,350	8,250
<u>Devil Canyon Creek near San Bernardino</u>	12,350	8,250
<u>Lytle Creek at Colton</u>	<u>12,350</u>	<u>8,250</u>
 SUBTOTAL FOR PARTIES	 \$250,650	
 SUBTOTAL FOR UNITED STATES GEOLOGICAL SURVEY		 <u>\$108,250</u>
 TOTAL COST FOR SURFACE WATER MEASUREMENTS		 \$358,900

**CHAPTER III**

**EXTRACTIONS FROM THE  
SAN BERNARDINO BASIN AREA**

## CHAPTER III

### EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA

The extractions from the San Bernardino Basin Area have been classified as first, those extractions and diversions for use by other than Plaintiffs and second, those extractions and diversions for use by Plaintiffs.

The total verified extractions by other than Plaintiffs for calendar years 1971 through 2007, together with five-year totals, are shown on Table No. 2. The individual work sheets for the 2007 verifications are included in Report of Watermaster, Volume 1-2007.

The total verified extractions from the San Bernardino Basin Area by Plaintiffs for the 1959-63 Base Period and calendar years 1971 through 2007 are shown on Table No. 3. The individual work sheets for the 2007 verifications and distribution of extractions by Plaintiffs are included in Report of Watermaster, Volume 1A-2007 and Volume 5-2007.

For reference, the Adjusted Rights of other than Plaintiffs and Plaintiffs are also shown on Tables 2 and 3.

Paragraph VII of the Judgment entitled *Water Discharged Across Bunker Hill Dike* recites as follows:

*San Bernardino Valley shall keep in force an agreement with the City of San Bernardino that the present annual quantity of municipal sewage effluent discharged across Bunker Hill Dike, assumed for all purposes herein to be 16,000 acre-feet annually, shall be committed to the discharge of the downstream obligations imposed on San Bernardino Valley under this Judgment or under the Orange County Judgment, and that such effluent shall comply with the requirements of the Santa Ana River Basin Regional Water Quality Control Board in effect December 31, 1968.*

The Judgment does not charge the Watermaster with verification of the 16,000 acre-feet amount, and the enforcement of the quality requirements is considered to be

the responsibility of the California Regional Water Quality Control Board — Santa Ana Region.

Prior to December, 1972, sewage effluent was discharged across the Bunker Hill Dike via Warm Creek (Plant No. 1) and the Santa Ana River (Plant No. 2). With the completion of the new Water Quality Control Plant at the "E" Street site (Plant No. 2) the total effluent discharge of the City of San Bernardino Water Quality Control Plant accrued to the Santa Ana River immediately upstream from the "E" Street Bridge. In January, 1973, the Watermaster in cooperation with the USGS began operation of a gaging station on the plant outfall to obtain a continuous record of the quantity and mineral quality of the sewage effluent discharged to the Santa Ana River. This station has been discontinued and Watermaster now relies on the City of San Bernardino for these data.

On April 1, 1996, the cities of San Bernardino and Colton began discharging their municipal wastewater effluent at a point several miles farther downstream from the historical discharge points, through the Rapid Infiltration and Extraction System (RIX). RIX is a 50-acre groundwater recharge and extraction system specifically designed to meet the filtration and disinfection requirements of *California Code of Regulations, Title 22*, for discharge in Reach Four of the Santa Ana River.

The Regional Water Quality Control Board had ordered the two cities to provide Title 22 treatment levels of their discharge prior to its entrance into the Santa Ana River. An evaluation indicated that a system for groundwater recharge and immediate extraction would accomplish the required treatment levels and would be more cost effective than a conventional tertiary treatment system at the existing plant sites. The RIX system is located adjacent to the Santa Ana River in the Riverside Basin Area in San Bernardino County. The project was constructed by the two cities with the Santa Ana Watershed Project Authority acting as the construction manager.



In order to ensure that the secondary effluent recharged to the groundwater system would be fully recovered, it is necessary that the amount of RIX extractions exceed the amount of recharged water. The over-extraction, combined with the fact that the RIX discharge point is located several miles downstream from the prior discharge points of the two cities, had an immediate impact upon the flows at both Riverside Narrows and Prado. The effect of the changed points of discharge on the key wells (see Chapter V, Minimum Water Surface Elevation) is being monitored closely with monthly depth to water readings at the wells.

The discharge to the Santa Ana River from the Cities of San Bernardino and Colton has been determined by the Watermaster as shown on the following table:

Calendar Year	Plant No. 1 (Acre-Feet)	Plant No. 2 (Acre-Feet)	Total (Acre-Feet)	RIX (Acre-Feet) San Bernardino and Colton combined flows
1971	5,705	8,925	14,630	
1972	6,784	9,963	16,747	
1973	-	17,640	17,640	
1974	-	17,070	17,070	
1975	-	16,820	16,820	
1976	-	17,530	17,530	
1977	-	17,720	17,720	
1978	-	18,690	18,690	
1979	-	19,350	19,350	
1980	-	20,670	20,670	
1981	-	21,120	21,120	
1982	-	24,493	24,493	
1983	-	23,170	23,170	
1984	-	21,759	21,759	
1985	-	23,814	23,814	
1986	-	25,442	25,442	
1987	-	27,154	27,154	
1988	-	27,290	27,290	
1989	-	28,300	28,300	
1990	-	27,770	27,770	
1991	-	26,980	26,980	
1992	-	25,510	25,510	
1993	-	24,660	24,660	
1994	-	24,790	24,790	
1995	-	26,260	26,260	
1996	-	6,610	6,610	30,880
1997	-	0	0	44,950
1998	-	0	0	48,710
1999	-	0	0	48,040
2000	-	0	0	47,230
2001	-	0	0	47,250
2002	-	0	0	43,828
2003	-	242 <sup>1</sup>	242	45,713
2004	-	286 <sup>1</sup>	286	44,501
2005	-	4,249 <sup>1</sup>	4,249	42,267 <sup>2</sup>
2006	-	1,155 <sup>1</sup>	1,155	44,979 <sup>2</sup>
2007	-	24 <sup>1</sup>	24	43,153
2008	-	-	-	-
2009	-	-	-	-
2010	-	-	-	-
2011	-	-	-	-
2012	-	-	-	-
2013	-	-	-	-
2014	-	-	-	-
2015	-	-	-	-

<sup>1</sup> Direct discharge of treated wastewater flows to SAR when the SAR flow rate at "E" Street Gage is adequate to provide 20:1 dilution.

<sup>2</sup> Amount corrected during 2007 verification.

**VERIFIED EXTRACTIONS FROM THE SAN BERNARDINO  
BASIN AREA BY OTHER THAN PLAINTIFFS  
ANNUAL TOTALS  
(All Values in Acre-Feet)**

Calendar Year	Verified Extractions		Total	Adjusted Right				
	By Owners Who Have Filed With SWRCB	By Owners Who Have Not Filed With SWRCB						
1971	154,836	2	8,350	2	163,186	2	171,342	1
1972	159,628	2	7,599	2	167,227	2	167,238	
1973	152,604	3	7,177	3	159,781	3	167,238	
1974	153,099	4	5,586	4	158,685	4	167,238	
1975	147,199		4,482		151,681		167,238	
1976	140,329	5	3,988	5	144,317	5	167,238	
1977	139,844		4,967		144,811		167,238	
1978	132,439		4,601		137,040		167,238	
1979	150,196		4,611		154,807		167,238	
1980	153,918	6	5,504		159,422	6	167,238	
1981	167,564		5,075		172,639		167,238	
1982	148,250	7	4,790		153,040	7	167,238	
1983	142,088	8	4,346		146,434	8	167,238	
1984	175,605	8	5,203		180,808	8	167,238	
1985	172,976	8	4,943	8	177,919	8	167,238	
1986	179,842	9	4,892		184,734	9	167,238	
1987	168,171		4,330		172,501		167,238	
1988	176,770	10	4,655		181,425	10	167,238	
1989	168,626	11	4,904		173,530	11	167,238	
1990	162,712		4,560		167,272		167,238	
1991	162,005		4,342		166,347		167,238	
1992	168,700	11	4,213		172,913	11	167,238	
1993	174,360	12	4,012		178,372	12	167,238	
1994	183,370	13	4,137		187,507	13	167,238	
1995	178,046	14	4,125		182,171	14	167,238	
1996	185,835	15	3,584		189,419	15	167,238	
1997	186,405	16	2,099		188,504	16	167,238	
1998	196,897	17	1,960		198,857	17	167,238	
1999	192,972	18	2,260		195,232	18	167,238	
2000	185,676	19	1,990		187,666	19	167,238	

VERIFIED EXTRACTIONS FROM THE SAN BERNARDINO  
BASIN AREA BY OTHER THAN PLAINTIFFS  
ANNUAL TOTALS  
(All Values in Acre-Feet)

Calendar Year	Verified Extractions		Total	Adjusted Right
	By Owners Who Have Filed With SWRCB	By Owners Who Have Not Filed With SWRCB		
2001	173,663 <b>20</b>	1,648	175,311 <b>20</b>	167,238
2002	174,888 <b>21</b>	1,709	176,597 <b>21</b>	167,238
2003	168,562 <b>22</b>	1,456	170,018 <b>22</b>	167,238
2004	176,693 <b>23</b>	1,416	178,109 <b>23</b>	167,238
2005	187,996 <b>24</b>	1,330	189,326 <b>24</b>	167,238
2006	204,014	1,493	205,507	167,238
2007	191,699	1,849	193,548	167,238
2008				
2009				
2010				
2011				
2012				
2013				
2014				
2015				

**Note: See Report of Watermaster, Volume 1, Table 8, Total Verified Production from San Bernardino Basin Area Excluding Minor Production**

- 1 Adjusted Right not effective until January 1, 1972; therefore, 1971 Base Right is as verified for five-year Base Period 1959-63.
- 2 Amount corrected during verification of 1973 extractions.
- 3 Amount corrected during verification of 1974 extractions.
- 4 Amount corrected during verification of 1975 extractions.
- 5 Amount corrected during verification of 1977 extractions.
- 6 Amount corrected during verification of 1981 extractions.
- 7 Amount corrected during verification of 1983 extractions.
- 8 Amount corrected during verification of 1986 extractions.
- 9 Amount corrected during verification of 1988 extractions.
- 10 Amount corrected during verification of 1989 extractions.
- 11 Amount corrected during verification of 1995 extractions.
- 12 Includes 1,530 acre-feet pumped by Riverside to OCWD under June 16, 1993 amendment to December 22, 1981 agreements. Amount corrected during verification of 1994 extractions. Amount corrected during verification of 2005 extractions.

VERIFIED EXTRACTIONS FROM THE SAN BERNARDINO  
BASIN AREA BY OTHER THAN PLAINTIFFS

- 13 Includes 3,485 acre-feet pumped by Riverside to OCWD under March 2, 1994 amendment to December 22, 1981 agreements.
- 14 Includes 177 acre-feet pumped by Riverside to OCWD under March 15, 1995 amendment to December 22, 1981 agreements.  
Amount corrected during verification of 1996 extractions.
- 15 Includes 2,768 acre-feet pumped by Riverside to OCWD under March 6, 1996 amendment to December 22, 1981 agreements.  
Amount corrected during verification of 1998 extractions.
- 16 Includes 1,873 acre-feet pumped by Riverside to OCWD under February 19, 1997 amendment to December 22, 1981 agreements.  
Amount corrected during verification of 1998 extractions.
- 17 Includes 1,049 acre-feet pumped by Riverside to OCWD under April 30, 1998 amendment to December 22, 1981 agreements.  
Amount corrected during verification of 1999 extractions.
- 18 Includes 3,726 acre-feet pumped to OCWD under January 6, 1999, 12th Amendment to December 22, 1981 agreements.  
Riverside Highland also pumped 2,041 acre-feet to OCWD.
- 19 Includes 3,162 acre-feet pumped to OCWD under August 16, 2000, 14th Amendment to December 22, 1981 agreements.  
Riverside Highland also pumped 567 acre-feet to OCWD.  
Amount corrected during verification of 2005 extractions.
- 20 Includes 415 acre-feet pumped to OCWD under February 7, 2001, 16th Amendment to December 22, 1981 agreements.  
Riverside Highland also pumped 260 acre-feet to OCWD.  
Amount corrected during verification of 2005 extractions.
- 21 Includes 1,772 acre-feet pumped to OCWD under February 6, 2002, 18th Amendment to December 22, 1981 agreements.  
Riverside Highland also pumped 1,910 acre-feet to OCWD.  
Amount corrected during verification of 2005 extractions.
- 22 Amount corrected during verification of 2005 extractions. Amount corrected during verification of 2007 extractions.
- 23 Includes 0 acre-feet pumped to OCWD under August 18, 2004, 20th Amendment to December 22, 1981 agreements.  
Riverside Highland also pumped 0 acre-feet to OCWD. Amount corrected during verification of 2005 extractions.  
Amount corrected during verification of 2007 extractions.
- 24 Amount corrected during verification of 2006 extractions. Amount corrected during verification of 2007 extractions.

VERIFIED EXTRACTIONS FROM THE SAN BERNARDINO  
BASIN AREA BY OTHER THAN PLAINTIFFS  
FIVE-YEAR TOTALS  
(All Values in Acre-Feet)

Five-Year Period	Verified Extractions		Total	Adjusted Right
	By Owners Who Have Filed With SWRCB	By Owners Who Have Not Filed With SWRCB		
1971-75	767,366	33,194	800,560	840,294
1972-76	752,859	28,832	781,691	836,190
1973-77	733,075	26,200	759,275	836,190
1974-78	712,910	23,624	736,534	836,190
1975-79	710,007	22,649	732,656	836,190
1976-80	716,726	23,671	740,397	836,190
1977-81	743,961	24,758	768,719	836,190
1978-82	752,367	24,581	776,948	836,190
1979-83	762,016	24,326	786,342	836,190
1980-84	787,425	24,918	812,343	836,190
1981-85	806,483	24,357	830,840	836,190
1982-86	818,761	24,174	842,935	836,190
1983-87	838,682	23,714	862,396	836,190
1984-88	873,364	24,023	897,387	836,190
1985-89	866,385	23,724	890,109	836,190
1986-90	856,121	23,341	879,462	836,190
1987-91	838,284	22,791	861,075	836,190
1988-92	838,813	22,674	861,487	836,190
1989-93	836,403	22,031	858,434	836,190
1990-94	851,147	21,264	872,411	836,190
1991-95	866,481	20,829	887,310	836,190
1992-96	890,311	20,071	910,382	836,190
1993-97	908,016	17,957	925,973	836,190
1994-98	930,553	15,905	946,458	836,190
1995-99	940,155	14,028	954,183	836,190

VERIFIED EXTRACTIONS FROM THE SAN BERNARDINO  
BASIN AREA BY OTHER THAN PLAINTIFFS  
FIVE-YEAR TOTALS  
(All Values in Acre-Feet)

Five-Year Period	Verified Extractions		Total	Adjusted Right
	By Owners Who Have Filed With SWRCB	By Owners Who Have Not Filed With SWRCB		
1996-00	947,785	11,893	959,678	836,190
1997-01	935,613	9,957	945,570	836,190
1998-02	924,096	9,567	933,663	836,190
1999-03	895,761	9,063	904,824	836,190
2000-04	879,482	8,219	887,701	836,190
2001-05	881,802	7,559	889,361	836,190
2002-06	912,153	7,404	919,557	836,190
2003-07	928,964	7,544	936,508	836,190
2004-08				
2005-09				
2006-10				
2007-11				
2008-12				
2009-13				
2010-14				
2011-15				

**Note: 5-year totals corrected to reflect any corrections on Table 2, Page 1a of 2 and Page 1b of 2**

TABLE NO. 3  
**VERIFIED EXTRACTATIONS FROM THE SAN BERNARDINO BASIN AREA  
 FOR USE BY PLAINTIFFS CLASSIFIED ACCORDING TO SERVICE AREA**  
 (All Values in Acre-Feet)

	Plaintiffs						Total
	City of Riverside (including those rights acquired as successor to the Riverside Water Company and the Gage Canal Company)	Riverside Highland Water Company	Agua Mansa Water Company and Meeks & Daley Water Co.	Regents of the University of California			
Total Extractions in San Bernardino Basin Area	1	52,199	4,294	7,833	536	64,862	
Adjusted Right		52,199	4,294	7,833	536	64,862	
1971 Extractions		53,882	4,012	2,902	219	61,015	
1972 Extractions		45,694	4,532	3,527	239	53,992	
1973 Extractions		43,022	3,512	2,979	239	49,752	
1974 Extractions		43,367	4,088	4,504	267	52,226	
1975 Extractions		47,962	4,709	3,950	179	56,800	
Delivery to San Bernardino Basin Area	1	1,427	0	0	0	1,427	
Adjusted Right		1,427	0	0	0	1,427	
1971 Extractions		98	0	0	0	98	
1972 Extractions		85	0	0	0	85	
1973 Extractions		156	0	0	0	156	
1974 Extractions		0	0	0	0	0	
1975 Extractions		0	0	0	0	0	
Delivery to Colton Basin Area and Riverside Basin Area in San Bernardino County	1	1,230	2,449	318	0	3,997	
Adjusted Right		1,230	2,449	318	0	3,997	
1971 Extractions		669	2,388	383	0	3,440	
1972 Extractions		547	2,239	377	0	3,163	
1973 Extractions		512	1,751	250	0	2,513	
1974 Extractions		550	1,985	246	0	2,781	
1975 Extractions		498	2,002	168	0	2,668	
Delivery to Area Outside San Bernardino Valley	1	49,542	1,845	7,515	536	59,438	
Adjusted Right		49,542	1,845	7,515	536	59,438	
1971 Extractions		53,115	1,624	2,519	219	57,477	
1972 Extractions		45,062	2,293	3,150	239	50,744	
1973 Extractions		42,354	1,761	2,729	239	47,083	
1974 Extractions		42,817	2,103	4,258	267	49,445	
1975 Extractions		47,464	2,707	3,782	179	54,132	

1 Adjusted Right became effective on January 1, 1972; Base Right for Calendar Year 1971 is as shown in Table B-1 of the Judgment.  
 2 1971 amount corrected during verification of 1972 extractions.

Note: See Report of Watermaster, Volume 1A, Table 3; and Volume 5, Table 36A.



**TABLE NO. 3**  
**VERIFIED EXTRACTIIONS FROM THE SAN BERNARDINO BASIN AREA**  
**FOR USE BY PLAINTIFFS CLASSIFIED ACCORDING TO SERVICE AREA**  
 (All Values in Acre-Feet)

	Plaintiffs							Total
	City of Riverside (including those rights acquired as successor to the Riverside Water Company and the Gage Canal Company)	Riverside Highland Water Company	Agua Mansa Water Company and Meeks & Daley Water Co.	Regents of the University of California				
<b>1</b>								
Total Extractions in San Bernardino Basin Area	Adjusted Right 1976 Extractions 1977 Extractions 1978 Extractions 1979 Extractions 1980 Extractions	52,199 51,374 50,999 45,384 52,377 50,756	4,294 4,519 3,583 1,350 3,369 3,677	7,833 5,393 4,220 2,254 3,930 2,333	536 245 87 183 83 7			64,862 61,531 58,889 49,171 59,759 56,773
<b>1</b>	Adjusted Right 1976 Extractions 1977 Extractions 1978 Extractions 1979 Extractions 1980 Extractions	1,427 0 0 646 0 383	0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0			1,427 0 0 646 0 383
<b>1</b>	Adjusted Right 1976 Extractions 1977 Extractions 1978 Extractions 1979 Extractions 1980 Extractions	1,230 523 346 301 415 0	2,449 2,050 1,820 1,051 1,781 2,060	318 182 146 161 166 323	0 0 0 0 0 0			3,997 2,755 2,312 1,513 2,362 2,383
<b>1</b>	Adjusted Right 1976 Extractions 1977 Extractions 1978 Extractions 1979 Extractions 1980 Extractions	49,542 50,851 50,653 44,437 51,962 50,373	1,845 2,469 1,763 299 1,588 1,617	7,515 5,211 4,074 2,093 3,764 2,010	536 245 87 183 83 7			59,438 58,776 56,577 47,012 57,397 54,007

**1 Adjusted Right became effective on January 1, 1972; Base Right for Calendar Year 1971 is as shown in Table B-1 of the Judgment.**

**2 Amount corrected during verification of 1980 extractions.**

**3 Amount corrected during preparation of report for Calendar Year 1982.**

**Note: See Report of Watermaster, Volume 1A, Table 3; and Volume 5, Table 36A.**

TABLE NO. 3  
 VERIFIED EXTRACTIIONS FROM THE SAN BERNARDINO BASIN AREA  
 FOR USE BY PLAINTIFFS CLASSIFIED ACCORDING TO SERVICE AREA  
 (All Values in Acre-Feet)

		Plaintiffs							Total
		City of Riverside (including those rights acquired as successor to the Riverside Water Company and the Gage Canal Company)	Riverside Highland Water Company	Agua Mansa Water Company and Meeks & Daley Water Co.	Regents of the University of California				
Total Extractions in San Bernardino Basin Area	1	52,199	4,294	7,833	536	64,862			
		Adjusted Right							
		1981 Extractions	3,604	3,092	143	58,996			
		1982 Extractions	2,795	3,716	48	56,158			
		1983 Extractions	3,161	2,651	0	51,876			
		1984 Extractions	4,759	5,165	0	68,830			
		1985 Extractions	3,312	5,385	0	71,770			
Delivery to San Bernardino Basin Area	1	1,427	0	0	0	1,427			
		Adjusted Right							
		1981 Extractions	724	0	0	724			
		1982 Extractions	162	0	0	162		2	
		1983 Extractions	335	0	0	335			
		1984 Extractions	32	0	0	32			
		1985 Extractions	59	0	0	59			
Delivery to Colton Basin Area and Riverside Basin Area in San Bernardino County	1	1,230	2,449	318	0	3,997			
		Adjusted Right							
		1981 Extractions	2,151	358	0	2,509			
		1982 Extractions	1,775	169	0	1,944			
		1983 Extractions	2,318	245	0	2,563			
		1984 Extractions	2,671	233	0	2,904			
		1985 Extractions	1,978	210	0	2,188			
Delivery to Area Outside San Bernardino Valley	1	49,542	1,845	7,515	536	59,438			
		Adjusted Right							
		1981 Extractions	51,433	2,734	143	55,763			
		1982 Extractions	49,437	3,547	48	54,052		2	
		1983 Extractions	45,729	2,406	0	48,978			
		1984 Extractions	58,874	4,932	0	65,894			
		1985 Extractions	63,014	5,175	0	69,523			

1 Adjusted Right became effective on January 1, 1972; Base Right for Calendar Year 1971 is as shown in Table B-1 of the Judgment  
 2 Amount corrected during verification of 1983 extractions.  
 Note: See Report of Watermaster, Volume 1A, Table 3, and Volume 5, Table 36A.

TABLE NO. 3  
 VERIFIED EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
 FOR USE BY PLAINTIFFS CLASSIFIED ACCORDING TO SERVICE AREA  
 (All Values in Acre-Feet)  
 Plaintiffs

	City of Riverside (including those rights acquired as successor to the Riverside Water Company and the Gage Canal Company)	Riverside Highland Water Company	Agua Mansa Water Company and Weeks & Daley Water Co.	Regents of the University of California	Total
Total Extractions in San Bernardino Basin Area	1	52,199 4,294 59,979 4,744 57,841 3,919 64,512 4,775 50,784 4,681 47,637 4,092	7,833 5,570 4,914 4,966 5,392 3,851	536 48 195 179 62 95	64,862 70,341 66,889 74,432 60,919 55,675
Delivery to San Bernardino Basin Area	1	1,427 437 334 815 28 19	0 0 0 0 0 0	0 0 0 0 0 0	1,427 437 334 815 28 19
Delivery to Colton Basin Area and Riverside Basin Area in San Bernardino County	1	1,230 0 0 0 0 0	318 234 193 233 240 83	0 0 0 0 0 0	3,997 2,364 2,422 2,462 2,208 2,396
Delivery to Area Outside San Bernardino Valley	1	49,542 59,542 57,507 63,697 50,756 47,618	7,515 5,336 4,721 4,733 5,152 3,768	536 48 195 179 62 95	59,438 67,540 64,113 71,155 58,683 53,260

1 Adjusted Right became effective on January 1, 1972; Base Right for Calendar Year 1971 is as shown in Table B-1 of the Judgment.  
 Note: See Report of Watermaster, Volume 1A, Table 3; and Volume 5, Table 36A.

TABLE NO. 3  
 VERIFIED EXTRACTATIONS FROM THE SAN BERNARDINO BASIN AREA  
 FOR USE BY PLAINTIFFS CLASSIFIED ACCORDING TO SERVICE AREA  
 (All Values in Acre-Feet)  
 Plaintiffs

		City of Riverside (including those rights acquired as successor to the Riverside Water Company and the Gage Canal Company)	Riverside Highland Water Company	Agua Mansa Water Company and Weeks & Daley Water Co.	Regents of the University of California	Total
Total Extractions in San Bernardino Basin Area	Adjusted Right	52,199	4,294	7,833	536	64,862
	1991 Extractions	52,909	3,021	4,426	23	60,379
	1992 Extractions	50,239	4,052	4,100	32	58,423
	1993 Extractions	52,114	3,241	5,013	0	60,368
	1994 Extractions	60,447	4,324	4,525	0	69,296
	1995 Extractions	55,392	3,955	3,560	0	62,907
Delivery to San Bernardino Basin Area	Adjusted Right	1,427	0	0	0	1,427
	1991 Extractions	155	0	0	0	155
	1992 Extractions	203	0	0	0	203
	1993 Extractions	-108	0	0	0	-108
	1994 Extractions	46	0	0	0	46
	1995 Extractions	99	0	0	0	99
Delivery to Colton Basin Area and Riverside Basin Area in San Bernardino County	Adjusted Right	1,230	2,449	318	0	3,997
	1991 Extractions	0	1,669	190	0	1,859
	1992 Extractions	0	2,275	118	0	2,393
	1993 Extractions	0	1,777	276	0	2,053
	1994 Extractions	0	2,201	227	0	2,428
	1995 Extractions	0	2,146	145	0	2,291
Delivery to Area Outside San Bernardino Valley	Adjusted Right	49,542	1,845	7,515	536	59,438
	1991 Extractions	52,754	1,352	4,236	23	58,365
	1992 Extractions	50,036	1,777	3,982	32	55,827
	1993 Extractions	52,222	1,464	4,737	0	58,423
	1994 Extractions	60,401	2,123	4,298	0	66,822
	1995 Extractions	55,293	1,809	3,415	0	60,517

1 Adjusted Right became effective on January 1, 1972; Base Right for Calendar Year 1971 is as shown in Table B-1 of the Judgment.  
 Note: See Report of Watermaster, Volume 1A, Table 3; and Volume 5, Table 36A.

TABLE NO. 3  
 VERIFIED EXTRACTIIONS FROM THE SAN BERNARDINO BASIN AREA  
 FOR USE BY PLAINTIFFS CLASSIFIED ACCORDING TO SERVICE AREA  
 (All Values in Acre-Feet)

Plaintiffs

	1	2	Regents of the University of California	Total	
	City of Riverside (including those rights acquired as successor to the Riverside Water Company and the Gage Canal Company)	Riverside Highland Water Company	Agua Mansa Water Company and Meeks & Daley Water Co.	Regents of the University of California	
Total Extractions in San Bernardino Basin Area	52,199	4,294	7,833	536	64,862
	63,382	5,051	3,912	445	72,790
	59,938	4,939	4,165	505	69,547
	54,417	3,250	3,828	590	62,085
	61,142	4,972	6,289	586	72,989
	63,472	3,423	3,832	624	71,351
Delivery to San Bernardino Basin Area	1,427	0	0	0	1,427
	278	0	0	0	278
	494	0	0	0	494
	0	0	0	0	0
	181	0	0	0	181
	117	0	0	0	117
Delivery to Colton Basin Area and Riverside Basin Area in San Bernardino County	1,230	2,449	318	0	3,997
	0	2,756	194	0	2,950
	0	2,656	137	0	2,793
	0	1,961	210	0	2,171
	0	2,082	90	0	2,172
	0	2,811	352	0	3,163
Delivery to Area Outside San Bernardino Valley	49,542	1,845	7,515	536	59,438
	63,104	2,295	3,718	445	69,562
	59,444	2,283	4,028	505	66,260
	54,417	1,289	3,618	590	59,914
	60,961	2,890	6,199	586	70,636
	63,355	612	3,480	624	68,071

1 Adjusted Right became effective on January 1, 1972; Base Right for Calendar Year 1971 is as shown in Table B-1 of the Judgment.  
 2 Includes HGMP pumping by Riverside Highland in years 1999(2,041af) and 2000(567af) which is included as delivery outside Valley District (actual extraction Volume 1A, Table 2 : 0 : Table 23R Column 6: [1-3])  
 Note: See Report of Watermaster, Volume 1A, Table 3; and Volume 5, Table 36A.

TABLE NO. 3  
**VERIFIED EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
 FOR USE BY PLAINTIFFS CLASSIFIED ACCORDING TO SERVICE AREA**  
 (All Values in Acre-Feet)

Plaintiffs

		City of Riverside (including those rights acquired as successor to the Riverside Water Company and the Gage Canal Company)	Riverside Highland Water Company 2	Agua Mansa Water Company and Meeks & Daley Water Co.	Regents of the University of California	Total	Western Municipal Water District
Total Extractions in San Bernardino Basin Area	1	52,199	4,294	7,833	536	64,862	0
		59,312	2,925	3,671	617	66,525	0
		65,462	4,310	5,800	618	76,190	0
	3	54,514	3,881	7,440	536	66,371	0
		53,414	1,754	3,782	618	59,568	0
	3	44,696	3,377	5,891	536	54,500	0
Delivery to San Bernardino Basin Area	1	1,427	0	0	0	1,427	0
		229	0	0	0	229	0
		172	0	0	0	172	0
		10	0	0	0	10	0
		0	0	0	0	0	0
		13	0	0	0	13	0
Delivery to Colton Basin Area and Riverside Basin Area in San Bernardino County	1	1,230	2,449	318	0	3,997	0
		0	2,543	192	0	2,735	0
		0	2,272	202	0	2,474	0
		0	2,036	49	0	2,085	0
		0	1,301	19	0	1,320	0
		0	1,532	4	0	1,536	0
Delivery to Area Outside San Bernardino Valley	1	49,542	1,845	7,515	536	59,438	0
		59,083	382	3,479	617	63,561	0
		65,290	2,038	5,598	618	73,544	0
	3	54,504	1,845	7,391	536	64,276	0
		53,414	453	3,763	618	58,248	0
	3	44,683	1,845	5,887	536	52,951	0

1 Adjusted Right became effective on January 1, 1972; Base Right for Calendar Year 1971 is as shown in Table B-1 of the Judgment.  
 2 Includes HGMP pumping by Riverside Highland in years 2001(260af), 2002(1,910af) and 2003(3af from 2002 HGMP pumping) which is included as delivery outside Valley District  
 (actual extraction Volume 1A, Table 2 : 0 : Volume 5, Table 23R pg. 2 Column 6: [1-3])  
 Note: See Report of Watermaster, Volume 1A, Table 3; and Volume 5, Table 36A.

**TABLE NO. 3  
VERIFIED EXTRACTIIONS FROM THE SAN BERNARDINO BASIN AREA  
FOR USE BY PLAINTIFFS CLASSIFIED ACCORDING TO SERVICE AREA  
(All Values in Acre-Feet)**

**Plaintiffs**

		City of Riverside (including those rights acquired as successor to the Riverside Water Company and the Gage Canal Company)	Riverside Highland Water Company	Agua Mansa Water Company and Meeks & Daley Water Co.	Regents of the University of California	Total	Western Municipal Water District
Total Extractions in San Bernardino Basin Area	1 3	52,199 49,469	4,294 4,149	7,833 7,515	536 536	64,862 61,669	0 0
		52,040	3,633	7,591	536	63,800	0
Delivery to San Bernardino Basin Area	1	1,427	0	0	0	1,427	0
		30	0	0	0	30	0
		39	0	0	0	39	0
Delivery to Colton Basin Area and Riverside Basin Area in San Bernardino County	1	1,230	2,449	318	0	3,997	0
		0	2,304	0	0	2,304	0
		0	1,772	0	0	1,772	0
Delivery to Area Outside San Bernardino Valley	1 3	49,542 49,439	1,845 1,845	7,515 7,515	536 536	59,438 59,335	0 0
		52,001	1,861	7,591	536	61,989	0

1 Adjusted Right became effective on January 1, 1972; Base Right for Calendar Year 1971 is as shown in Table B-1 of the Judgment.

Note: See Report of Watermaster, Volume 1A, Table 3; and Volume 5, Table 36A.

2 Number not used on this page.

3 Verified extractions corrected to comply with reported agreements among Plaintiffs.

TABLE NO. 3  
**VERIFIED EXTRACTATIONS FROM THE SAN BERNARDINO BASIN AREA  
 FOR USE BY PLAINTIFFS CLASSIFIED ACCORDING TO SERVICE AREA**  
 (All Values in Acre-Feet)

Plaintiffs

	City of Riverside (including those rights acquired as successor to the Riverside Water Company and the Gage Canal Company)	Riverside Highland Water Company	Agua Mansa Water Company and Meeks & Daley Water Co.	Regents of the University of California	Total	Western Municipal Water District
<b>Total Extractions in San Bernardino Basin Area</b>	<b>1</b>	<b>52,199</b>	<b>4,294</b>	<b>7,833</b>	<b>536</b>	<b>64,862</b>
Adjusted Right						
2011 Extractions						
2012 Extractions						
2013 Extractions						
2014 Extractions						
2015 Extractions						
<b>Delivery to San Bernardino Basin Area</b>	<b>1</b>	<b>1,427</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Adjusted Right						
2011 Extractions						
2012 Extractions						
2013 Extractions						
2014 Extractions						
2015 Extractions						
<b>Delivery to Colton Basin Area and Riverside Basin Area in San Bernardino County</b>	<b>1</b>	<b>1,230</b>	<b>2,449</b>	<b>318</b>	<b>0</b>	<b>3,997</b>
Adjusted Right						
2011 Extractions						
2012 Extractions						
2013 Extractions						
2014 Extractions						
2015 Extractions						
<b>Delivery to Area Outside San Bernardino Valley</b>	<b>1</b>	<b>49,542</b>	<b>1,845</b>	<b>7,515</b>	<b>536</b>	<b>59,438</b>
Adjusted Right						
2011 Extractions						
2012 Extractions						
2013 Extractions						
2014 Extractions						
2015 Extractions						

1 Adjusted Right became effective on January 1, 1972; Base Right for Calendar Year 1971 is as shown in Table B-1 of the Judgment.  
 Note: See Report of Watermaster, Volume 1A, Table 3; and Volume 5, Table 36A.



**CHAPTER IV**

**NATURAL SAFE YIELD OF THE  
SAN BERNARDINO BASIN AREA AND  
ADJUSTED RIGHTS OF PLAINTIFF EXPORTERS**

## CHAPTER IV

### NATURAL SAFE YIELD OF THE SAN BERNARDINO BASIN AREA AND ADJUSTED RIGHTS OF PLAINTIFF EXPORTERS

The Watermaster has determined the natural safe yield of the water supply accruing to the San Bernardino Basin Area at 232,100 acre-feet per annum from which the Adjusted Rights of Plaintiff exporters were also determined. Such determination of safe yield and Adjusted Rights of Plaintiff exporters was set forth in detail in Report of Watermaster, Volume 9, entitled *Determination of Natural Safe Yield of the San Bernardino Basin Area and Adjusted Rights of Plaintiff Exporters*.

The Adjusted Rights of Plaintiffs' extractions from the San Bernardino Basin Area, classified according to service areas and based on the natural safe yield of 232,100 acre-feet per annum have been summarized on the following table for ease of reference. The Adjusted Right of other than Plaintiffs was also based on the natural safe yield of the San Bernardino Basin Area and was determined to be 167,238 acre-feet. Such adjusted rights were not effective until January 1, 1972; therefore, the 1971 base rights for both Plaintiffs and other than Plaintiffs are based on the actual average annual extractions from the San Bernardino Basin Area during the five-year base period 1959-1963.

The Judgment provides for continuing jurisdiction of the Court in the following matters:

- 1) The hydrologic condition of any one or all of the separate basins described in this Judgment in order to determine from time to time the safe yield of the San Bernardino Basin Area, and
- 2) The adjusted rights of the Plaintiffs as required to comply with the provisions hereof with respect to changes in the natural safe yield of the San Bernardino Basin Area. If such changes occur, the Court shall adjudge that the adjusted rights and replenishment obligations of each party shall be changed proportionately to the base rights.

In order to provide a basis for future determination of safe yield, the Watermaster maintains a continuing program of collecting and analyzing current hydrologic data pertinent to the annual water supply to, and utilization of water from, the San Bernardino Basin Area.

Such data will be summarized and reported from time to time in subsequent supplemental reports of the Watermaster.

PLAINTIFF ADJUSTED RIGHTS  
CLASSIFIED ACCORDING TO SERVICE AREA  
(All Values in Acre-Feet)

Plaintiffs	Total Extractions in San Bernardino Basin Area	Delivery to San Bernardino Basin Area	Delivery to Colton Basin and Riverside Basin Area in San Bernardino County	Delivery to Areas Outside San Bernardino Valley
City of Riverside (including those rights acquired as successor to the Riverside Water Company and the Gage Canal Company)	52,199 <sup>2</sup>	1,427	1,230	49,542 <sup>2</sup>
Riverside Highland Water Company	4,294	0	2,449	1,845
Agua Mansa Water Company and Meeks & Daley Water Company	7,833	0	318	7,515
Regents of the University of California	536 <sup>2</sup>	0	0	536 <sup>2</sup>
TOTAL	64,862	1,427	3,997	59,438

<sup>1</sup> Effective January 1, 1972.

<sup>2</sup> The Adjusted Rights allocated to the City of Riverside and The Regents of The University of California were established at 52,169 and 566 acre-feet per annum respectively. On the basis of an amended recordation filing for the 1959-63 Base Period, the adjusted right for The Regents of the University of California was reduced to 536 acre-feet, and the City of Riverside adjusted right was increased to 52,199 acre-feet.

**CHAPTER V**

**EXTRACTIONS FROM COLTON BASIN AREA AND  
RIVERSIDE BASIN AREA IN SAN BERNARDINO COUNTY**

## CHAPTER V

### **EXTRACTIONS FROM THE COLTON BASIN AREA AND RIVERSIDE BASIN AREA IN SAN BERNARDINO COUNTY**

#### **For Use Outside San Bernardino Valley Municipal Water District**

The extractions from the Colton Basin Area and that portion of the Riverside Basin Area within San Bernardino County for use outside San Bernardino Valley during the 2007 calendar year have been verified by the Watermaster as 742 acre-feet and 8,603 acre-feet, respectively. The individual work sheets for these determinations are included in Report of Watermaster, Volume 2-2007 (Table 4-*Verified Extractions From Colton Basin Area*), Volume 3-2007 (Table 4-*Verified Extractions From Riverside Basin Area Within San Bernardino County*), and Volume 5-2007 (Table 57-*Distribution of Extractions From the San Bernardino Basin Area, Colton Basin Area, and Riverside Basin Area for Use Outside the San Bernardino Valley Municipal Water District*).

#### **For Use Within San Bernardino Valley Municipal Water District**

Provided minimum water surface elevations within the Colton Basin and that portion of Riverside Basin Area within San Bernardino County are maintained by San Bernardino Valley Municipal Water District, extractions from the Colton Basin Area and that portion of the Riverside Basin Area within San Bernardino County for use within San Bernardino Valley are not limited and therefore verification of such amounts are not specifically required by the Judgment. However, proper allocation of the total extractions from these areas for use on areas outside San Bernardino Valley necessitates the verification of these extractions. The individual work sheets for the 2007 verification and distribution of extractions are also included in Report of Watermaster, Volumes 2-2007, 3-2007 and 5-2007.

The extractions from the Colton Basin Area and the Riverside Basin Area in San Bernardino County for calendar years 1971 through 2007 are summarized in Tables 4 and 5 following.

**TABLE NO. 4**  
**VERIFIED EXTRACTIONS FROM COLTON BASIN AREA**  
**BY SAN BERNARDINO AND RIVERSIDE COUNTY**  
**ENTITIES FOR USE WITHIN EACH COUNTY**  
**ANNUAL TOTALS**  
**(All Values in Acre-Feet)**

Extractions for Calendar Years	Total from Basin	Extracted by San Bernardino County Entities	Extracted by Riverside County Entities				Base Right for Use in Riverside County <sup>1</sup>
			Total	Used in San Bernardino County	Used in Riverside County		
Five-Year Base Period 1959-63 Avg.	11,731 <b>2</b>	8,235 <b>2</b>	3,496	115	3,381	3,381	
1971	11,388 <b>2</b>	8,363 <b>2</b>	3,025	248	2,777	3,381	
1972	10,414	7,532	2,882	271	2,611	3,381	
1973	7,844	6,982	862	247	615	3,381	
1974	8,906	7,169	1,737	273	1,464	3,381	
1975	11,083	6,821	4,262	389	3,873	3,381	
1976	11,558 <b>2</b>	8,605 <b>2</b>	2,953	270	2,683	3,381	
1977	8,777	6,061	2,716	447	2,269	3,381	
1978	7,663	6,430	1,233	338	895	3,381	
1979	7,194	5,224	1,970	288	1,682	3,381	
1980	5,681 <b>2</b>	5,610 <b>2</b>	71	0	71	3,381	
1981	6,348	6,175	173	0	173	3,381	
1982	6,499	5,450	1,049	68	981	3,381	
1983	4,735 <b>2</b>	4,603 <b>2</b>	132	37	95	3,381	
1984	8,987	7,441	1,546	206	1,340	3,381	
1985	10,149	7,142	3,007	763	2,244	3,381	
1986	10,035	7,651	2,384	784	1,600	3,381	
1987	13,175	11,054	2,121	564	1,557	3,381	
1988	13,552	11,453	2,099	392	1,707	3,381	
1989	14,103 <b>2</b>	11,799 <b>2</b>	2,304	299	2,005	3,381	
1990	17,571 <b>2</b>	15,551 <b>2</b>	2,020	368	1,652	3,381	
1991	14,323	12,282	2,041	206	1,835	3,381	
1992	16,750	15,068	1,682	227	1,455	3,381	
1993	14,977	14,581	396	0	396	3,381	
1994	15,813 <b>2</b>	14,652 <b>2</b>	1,161	95	1,066	3,381	
1995	17,308 <b>2</b>	16,693 <b>2</b>	615	126	489	3,381	
1996	17,040 <b>2</b>	16,385 <b>2</b>	655	78	577	3,381	
1997	14,498 <b>2</b>	13,276 <b>2</b>	1,222	81	1,141	3,381	
1998	10,972 <b>2</b>	10,689 <b>2</b>	283	32	251	3,381	
1999	12,564 <b>2</b>	11,430 <b>2</b>	1,134	222	912	3,381	
2000	13,123 <b>2</b>	12,837 <b>2</b>	286 <b>2</b>	73 <b>2</b>	213 <b>2</b>	3,381	

TABLE NO. 4  
 VERIFIED EXTRACTIONS FROM COLTON BASIN AREA  
 BY SAN BERNARDINO AND RIVERSIDE COUNTY  
 ENTITIES FOR USE WITHIN EACH COUNTY  
 ANNUAL TOTALS  
 (All Values in Acre-Feet)

Extractions for Calendar Years	Total from Basin	Extracted by San Bernardino County Entities	Extracted by Riverside County Entities			Base Right for Use in Riverside County <b>1</b>
			Total	Used in San Bernardino County	Used in Riverside County	
Five-Year Base Period 1959-63 Avg.	11,731 <b>2</b>	8,235 <b>2</b>	3,496	115	3,381	3,381
2001	16,388 <b>2</b>	16,055 <b>2</b>	333	168	165	3,381
2002	19,160 <b>2</b>	17,765 <b>2</b>	1,395	116	1,279	3,381
2003	25,655	24,575	1,080	18	1,062	3,381
2004	24,345	24,166	179	7	172	3,381
2005	18,813	18,726	87	3	84	3,381
2006	17,565	17,153	412	0	412	3,381
2007	19,966	19,224	742	0	742	3,381
2008						
2009						
2010						
2011						
2012						
2013						
2014						
2015						

**Note: See Report of Watermaster, Volume 2, Tables 4 & 5; and Volume 5, Tables 38A & 39.**

**1 Extractions for use in Riverside County are limited to the verified extractions for the five-year Base Period 1959-63**

**2 Amount corrected during a subsequent year verification of extractions.**

TABLE NO. 4  
 VERIFIED EXTRACTIONS FROM COLTON BASIN AREA  
 BY SAN BERNARDINO AND RIVERSIDE COUNTY  
 ENTITIES FOR USE WITHIN EACH COUNTY  
 FIVE-YEAR TOTALS  
 (All Values in Acre-Feet)

Five-Year Period	Total from Basin	Extracted by San Bernardino County Entities	Extracted by Riverside County Entities			Base Right for Use in Riverside County <sup>1</sup>
			Total	Used in San Bernardino County	Used in Riverside County	
Base Period						
1959-63	58,655	41,175	17,480	575	16,905	16,905
1971-75	49,635	36,867	12,768	1,428	11,340	16,905
1972-76	49,805	37,109	12,696	1,450	11,246	16,905
1973-77	48,168	35,638	12,530	1,626	10,904	16,905
1974-78	47,987	35,086	12,901	1,717	11,184	16,905
1975-79	46,275	33,141	13,134	1,732	11,402	16,905
1976-80	40,873	31,930	8,943	1,343	7,600	16,905
1977-81	35,663	29,500	6,163	1,073	5,090	16,905
1978-82	33,385	28,889	4,496	694	3,802	16,905
1979-83	30,457	27,062	3,395	393	3,002	16,905
1980-84	32,250	29,279	2,971	311	2,660	16,905
1981-85	36,718	30,811	5,907	1,074	4,833	16,905
1982-86	40,405	32,287	8,118	1,858	6,260	16,905
1983-87	47,081	37,891	9,190	2,354	6,836	16,905
1984-88	55,898	44,741	11,157	2,709	8,448	16,905
1985-89	61,014	49,099	11,915	2,802	9,113	16,905
1986-90	68,436	57,508	10,928	2,407	8,521	16,905
1987-91	72,724	62,139	10,585	1,829	8,756	16,905
1988-92	76,299	66,153	10,146	1,492	8,654	16,905
1989-93	77,724	69,281	8,443	1,100	7,343	16,905
1990-94	79,434	72,134	7,300	896	6,404	16,905
1991-95	79,171	73,276	5,895	654	5,241	16,905
1992-96	81,888	77,379	4,509	526	3,983	16,905
1993-97	79,636	75,587	4,049	380	3,669	16,905
1994-98	75,631	71,695	3,936	412	3,524	16,905
1995-99	72,382	68,473	3,909	539	3,370	16,905



TABLE NO. 4  
 VERIFIED EXTRACTIONS FROM COLTON BASIN AREA  
 BY SAN BERNARDINO AND RIVERSIDE COUNTY  
 ENTITIES FOR USE WITHIN EACH COUNTY  
 FIVE-YEAR TOTALS  
 (All Values in Acre-Feet)

Five-Year Period	Total from Basin	Extracted by San Bernardino County Entities	Extracted by Riverside County Entities		Base Right for Use in Riverside County <sup>1</sup>
			Total	Used in San Bernardino County	
<b>Base Period</b>					
1959-63	58,655	41,175	17,480	575	16,905
1996-00	68,197	64,617	3,580	486	16,905
1997-01	67,545	64,287	3,258	576	16,905
1998-02	72,207	68,776	3,431	611	16,905
1999-03	86,890	82,662	4,228	597	16,905
2000-04	98,671	95,398	3,273	382	16,905
2001-05	104,361	101,287	3,074	312	16,905
2002-06	105,538	102,385	3,153	144	16,905
2003-07	106,344	103,844	2,500	28	16,905
2004-08					
2005-09					
2006-10					
2007-11					
2008-12					
2009-13					
2010-14					
2011-15					

<sup>1</sup> Extractions for use in Riverside County are limited to the verified extractions for the five-year Base Period 1959-63.

Note: 5-year totals corrected to reflect any corrections on Table 4, Page 1a of 2 and Page 1b of 2

TABLE NO. 5  
 VERIFIED EXTRACTIONS FROM RIVERSIDE BASIN AREA  
 IN SAN BERNARDINO COUNTY  
 BY SAN BERNARDINO AND RIVERSIDE COUNTY  
 ENTITIES FOR USE WITHIN EACH COUNTY  
 ANNUAL TOTALS  
 (All Values in Acre-feet)

Extractions for Calendar Years	Total from Basin	Extracted by San Bernardino County Entities	Extracted by Riverside County Entities			Base Right for Use in Riverside County <sup>1</sup>
			Total	Used in San Bernardino County	Used in Riverside County	
Five-Year Base Period 1959-63 Avg.	33,729	9,609	24,120	3,035	21,085	21,085
1971	29,070	8,748	20,322	2,214	18,108	21,085
1972	28,148	7,963	20,185	1,597	18,588	21,085
1973	21,809	6,490	15,319	1,333	13,986	21,085
1974	21,881	6,899	14,982	1,399	13,583	21,085
1975	22,701	6,513	16,188	1,225	14,963	21,085
1976	24,705	6,898	17,807	1,666	16,141	21,085
1977	23,506	7,089	16,417	1,985	14,432	21,085
1978	17,216	6,261	10,955	1,900	9,055	21,085
1979	20,024	7,062	12,962	2,370	10,592	21,085
1980	18,533	5,932 <sup>2</sup>	12,601 <sup>2</sup>	3,410	9,191 <sup>2</sup>	21,085
1981	23,611	6,811	16,800	3,733	13,067	21,085
1982	17,349 <sup>2</sup>	5,409	11,940 <sup>2</sup>	3,483 <sup>2</sup>	8,457	21,085
1983	11,904 <sup>2</sup>	5,204 <sup>2</sup>	6,700 <sup>2</sup>	2,925 <sup>2</sup>	3,775	21,085
1984	17,161	5,648	11,513	1,953	9,560	21,085
1985	19,392 <sup>2</sup>	6,048 <sup>2</sup>	13,344	2,143	11,201	21,085
1986	17,337	7,401 <sup>2</sup>	9,936 <sup>2</sup>	1,245	8,691 <sup>2</sup>	21,085
1987	15,803 <sup>2</sup>	7,374 <sup>2</sup>	8,429	717	7,712	21,085
1988	16,933 <sup>2</sup>	7,235 <sup>2</sup>	9,698 <sup>2</sup>	773	8,925 <sup>2</sup>	21,085
1989	25,557	7,781	17,776	1,619	16,157	21,085
1990	26,371	7,872	18,499	2,628	15,871	21,085
1991	28,011	6,472	21,539	2,984	18,555	21,085
1992	21,959 <sup>2</sup>	5,652 <sup>2</sup>	16,307	1,579	14,728	21,085
1993	21,866	5,428	16,438	1,735	14,703	21,085
1994	19,661	5,711	13,950	1,746	12,204	21,085
1995	23,865 <sup>2</sup>	6,223 <sup>2</sup>	17,642	1,696	15,946	21,085
1996	26,698 <sup>2</sup>	11,986 <sup>2</sup>	14,712	1,308 <sup>2</sup>	13,404 <sup>2</sup>	21,085
1997	30,284 <sup>2</sup>	17,887 <sup>2</sup>	12,397 <sup>2</sup>	1,358 <sup>2</sup>	11,039 <sup>2</sup>	21,085
1998	33,116	22,112	11,004 <sup>2</sup>	1,330 <sup>2</sup>	9,674 <sup>2</sup>	21,085
1999	35,368	21,785	13,583 <sup>2</sup>	1,867 <sup>2</sup>	11,716 <sup>2</sup>	21,085
2000	35,800	23,310 <sup>2</sup>	12,490 <sup>2</sup>	1,121 <sup>2</sup>	11,369 <sup>2</sup>	21,085

TABLE NO. 5  
 VERIFIED EXTRACTIONS FROM RIVERSIDE BASIN AREA  
 IN SAN BERNARDINO COUNTY  
 BY SAN BERNARDINO AND RIVERSIDE COUNTY  
 ENTITIES FOR USE WITHIN EACH COUNTY  
 ANNUAL TOTALS  
 (All Values in Acre-feet)

Extractions for Calendar Years	Total from Basin	Extracted by San Bernardino County Entities	Extracted by Riverside County Entities			Base Right for Use in Riverside County <sup>1</sup>
			Total	Used in San Bernardino County	Used in Riverside County	
Five-Year Base Period 1959-63 Avg.	33,729	9,609	24,120	3,035	21,085	21,085
2001	31,099 <sup>2</sup>	20,705 <sup>2</sup>	10,394 <sup>2</sup>	1,281 <sup>2</sup>	9,113 <sup>2</sup>	21,085
2002	27,717	13,601	14,116	2,441	11,675	21,085
2003	27,143	16,208	10,935	1,699 <sup>2</sup>	9,236 <sup>2</sup>	21,085
2004	24,454	15,233	9,221	2,499	6,722	21,085
2005	29,122	17,852	11,270	1,870	9,400	21,085
2006	29,930 <sup>2</sup>	15,922 <sup>2</sup>	14,008	1,139	12,869	21,085
2007	27,376	16,848	10,528	1,925	8,603	21,085
2008						
2009						
2010						
2011						
2012						
2013						
2014						
2015						

<sup>1</sup> Extractions for use in Riverside County are limited to the verified extractions for five-year Base Period 1959-63

<sup>2</sup> Amounts corrected during a subsequent year verification of extractions.

Note: See Report of Watermaster, Volume 3, Tables 4 & 5; and Volume 5, Table 54.

TABLE NO. 5  
 VERIFIED EXTRACTIONS FROM RIVERSIDE BASIN AREA  
 IN SAN BERNARDINO COUNTY  
 BY SAN BERNARDINO AND RIVERSIDE COUNTY  
 ENTITIES FOR USE WITHIN EACH COUNTY  
 FIVE-YEAR TOTALS  
 (All Values in Acre-Feet)

Five-Year Period	Total from Basin	Extracted by San Bernardino County Entities	Extracted by Riverside County Entities			Base Right for Use in Riverside County <sup>1</sup>
			Total	Used in San Bernardino County	Used in Riverside County	
<b>Base Period</b>						
1959-63	168,645	48,045	120,600	15,175	105,425	105,425
1971-75	123,609	36,613	86,996	7,768	79,228	105,425
1972-76	119,244	34,763	84,481	7,220	77,261	105,425
1973-77	114,602	33,889	80,713	7,608	73,105	105,425
1974-78	110,009	33,660	76,349	8,175	68,174	105,425
1975-79	108,152	33,823	74,329	9,146	65,183	105,425
1976-80	103,984	33,242	70,742	11,331	59,411	105,425
1977-81	102,890	33,155	69,735	13,398	56,337	105,425
1978-82	96,733	31,475	65,258	14,896	50,362	105,425
1979-83	91,421	30,418	61,003	15,921	45,082	105,425
1980-84	88,558	29,004	59,554	15,504	44,050	105,425
1981-85	89,417	29,120	60,297	14,237	46,060	105,425
1982-86	83,143	29,710	53,433	11,749	41,684	105,425
1983-87	81,597	31,675	49,922	8,983	40,939	105,425
1984-88	86,626	33,706	52,920	6,831	46,089	105,425
1985-89	95,022	35,839	59,183	6,497	52,686	105,425
1986-90	102,001	37,663	64,338	6,982	57,356	105,425
1987-91	112,675	36,734	75,941	8,721	67,220	105,425
1988-92	118,831	35,012	83,819	9,583	74,236	105,425
1989-93	123,764	33,205	90,559	10,545	80,014	105,425
1990-94	117,868	31,135	86,733	10,672	76,061	105,425
1991-95	115,362	29,486	85,876	9,740	76,136	105,425
1992-96	114,049	35,000	79,049	8,064	70,985	105,425
1993-97	122,374	47,235	75,139	7,843	67,296	105,425
1994-98	133,624	63,919	69,705	7,438	62,267	105,425
1995-99	149,331	79,993	69,338	7,559	61,779	105,425

TABLE NO. 5  
 VERIFIED EXTRACTIONS FROM RIVERSIDE BASIN AREA  
 IN SAN BERNARDINO COUNTY  
 BY SAN BERNARDINO AND RIVERSIDE COUNTY  
 ENTITIES FOR USE WITHIN EACH COUNTY  
 FIVE-YEAR TOTALS  
 (All Values in Acre-Feet)

Five-Year Period	Total from Basin	Extracted by San Bernardino County Entities	Extracted by Riverside County Entities			Base Right for Use in Riverside County <sup>1</sup>
			Total	Used in San Bernardino County	Used in Riverside County	
Base Period						
1959-63	168,645	48,045	120,600	15,175	105,425	105,425
1996-00	161,266	97,080	64,186	6,984	57,202	105,425
1997-01	165,667	105,799	59,868	6,957	52,911	105,425
1998-02	163,100	101,513	61,587	8,040	53,547	105,425
1999-03	157,127	95,609	61,518	8,409	53,109	105,425
2000-04	146,213	89,057	57,156	9,041	48,115	105,425
2001-05	139,535	83,599	55,936	9,790	46,146	105,425
2002-06	138,366	78,816	59,550	9,648	49,902	105,425
2003-07	138,025	82,063	55,962	9,132	46,830	105,425
2004-08						
2005-09						
2006-10						
2007-11						
2008-12						
2009-13						
2010-14						
2011-15						

***1 Extractions for use in Riverside County are limited to the verified extractions for the five-year Base Period 1959-63.  
 Note: 5-year totals corrected to reflect any corrections on Table 5, page 1 of 2.***

### Minimum Water Surface Elevations

Extractions from the Colton Basin Area and that portion of the Riverside Basin Area within San Bernardino County for use in San Bernardino Valley are not limited, provided that the average static water surface elevation as measured at wells numbered 1S/4W-21Q03S, 1S/4W-29H01S, and 1S/4W-29Q01S is not less than 822.04 feet, as set forth in the Judgment. This elevation is determined each year by averaging the lowest static water level occurring in each of the three wells at or near the same time of the year.

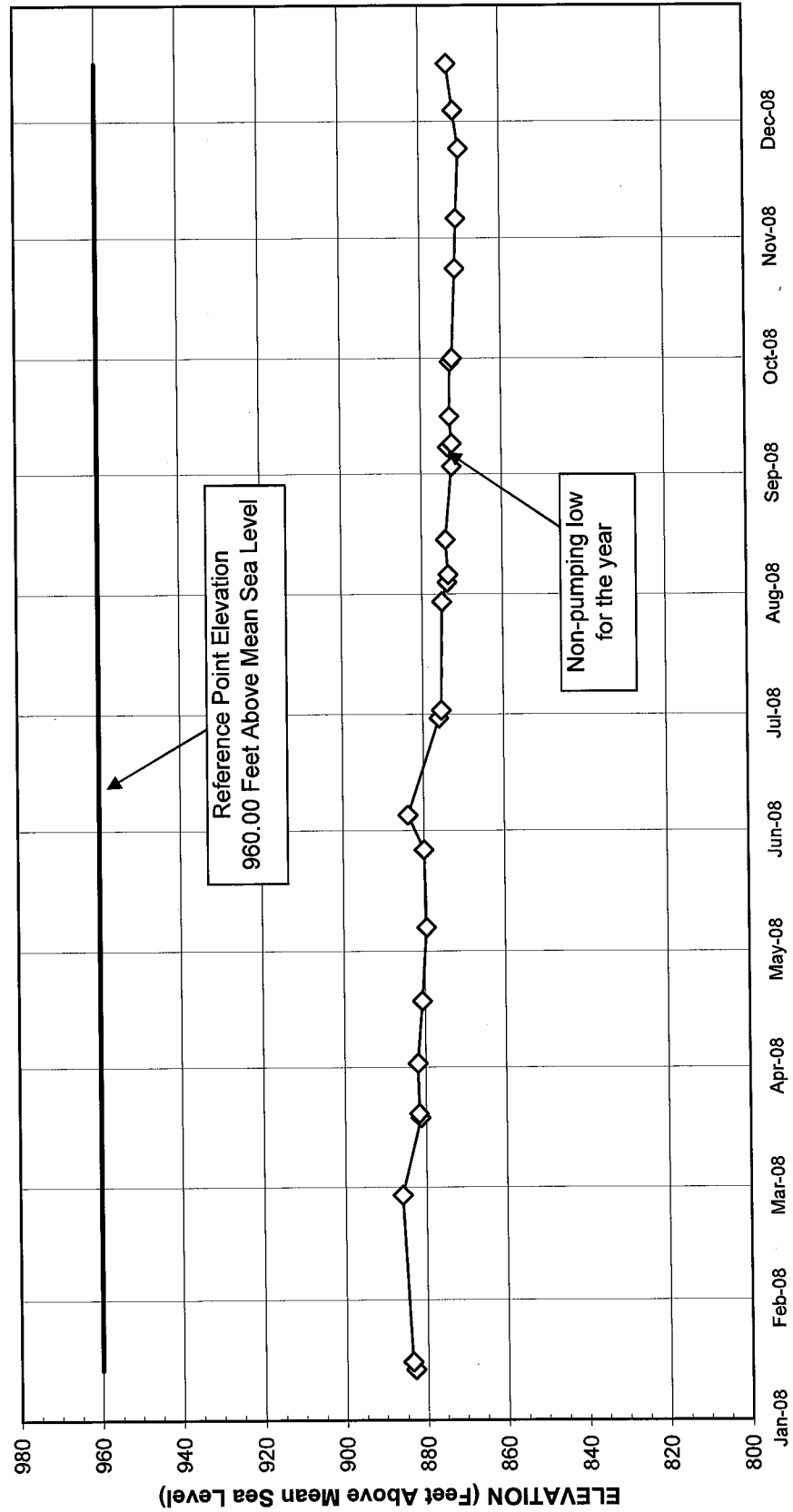
Hydrographs of the 2008 static water surface elevations in the three key wells are shown on Figures 1, 2, and 3 which follow. Data pertinent to the key wells as well as the records of historic water surface measurements are included in Report of Watermaster, Volume 8-2007 entitled *Ground Water Surface Elevations in Wells Numbered 1S/4W-21Q03S, 1S/4W-29H01S, and 1S/4W-29Q01S Located Within the Colton Basin Area and Riverside Basin Area in San Bernardino County through December, 2008.*

The lowest static water surface elevation measured in each of the three wells during 2008 is as follows:

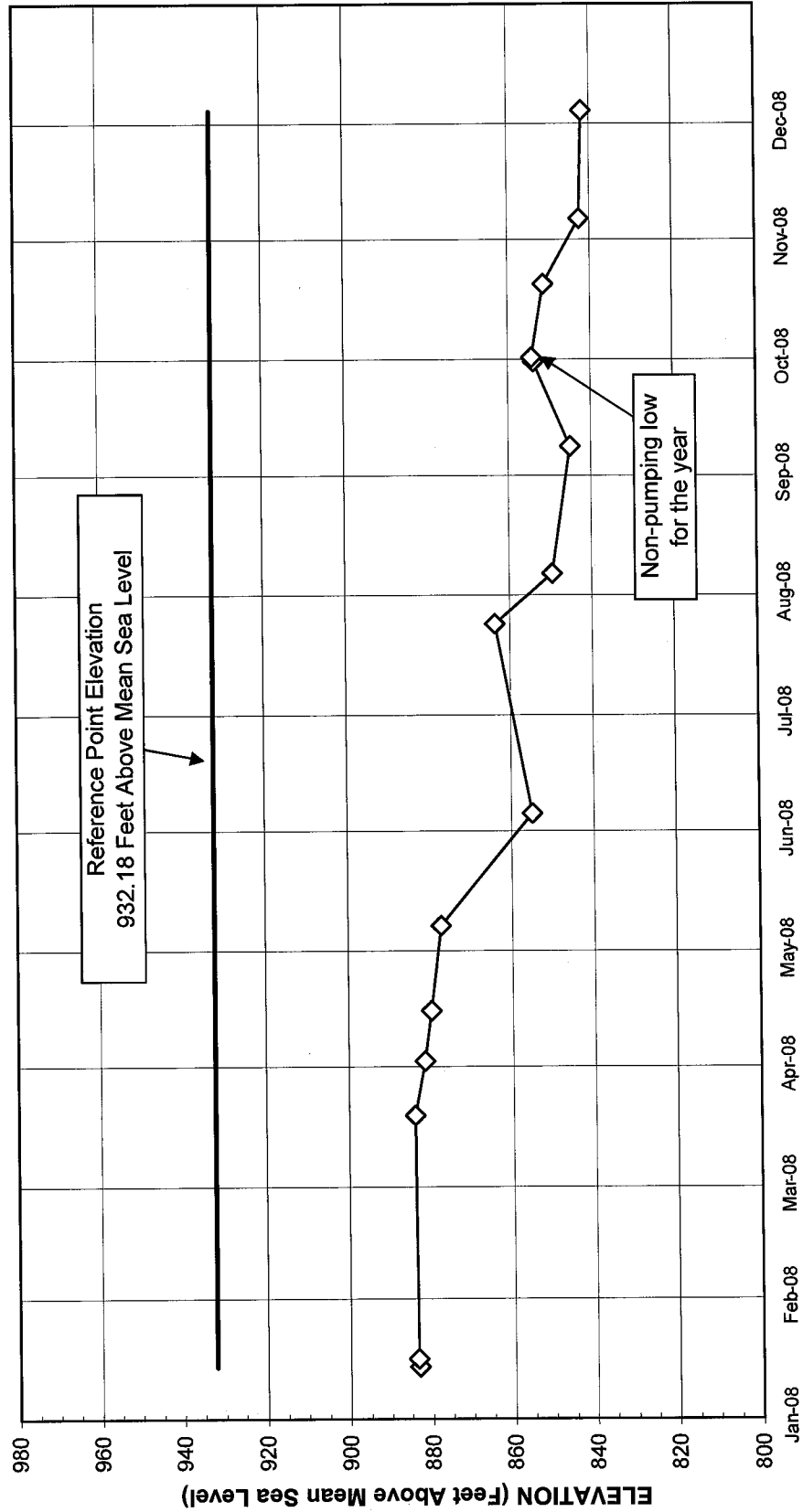
Well Number	Date of Measurement	Elevation of Water Surface
1S/4W-21Q03S (Johnson #1)	Sep. 8, 2008	873.29
1S/4W-29H01S (Flume #2)	Oct. 1, 2008	854.27
1S/4W-29Q01S (Flume #5)	Oct. 1, 2008	<u>843.96</u>
	Average	857.17

Thus, the lowest average fall water surface elevation for calendar year 2008 is 12.96 feet lower than the 2007 average of 870.13 and 35.13 feet higher than the 1963 average of 822.04.

**FIGURE 1**  
**GROUNDWATER SURFACE ELEVATIONS**  
**1S/4W-21Q03S**  
**JOHNSON NO. 1 WELL**  
**2008**

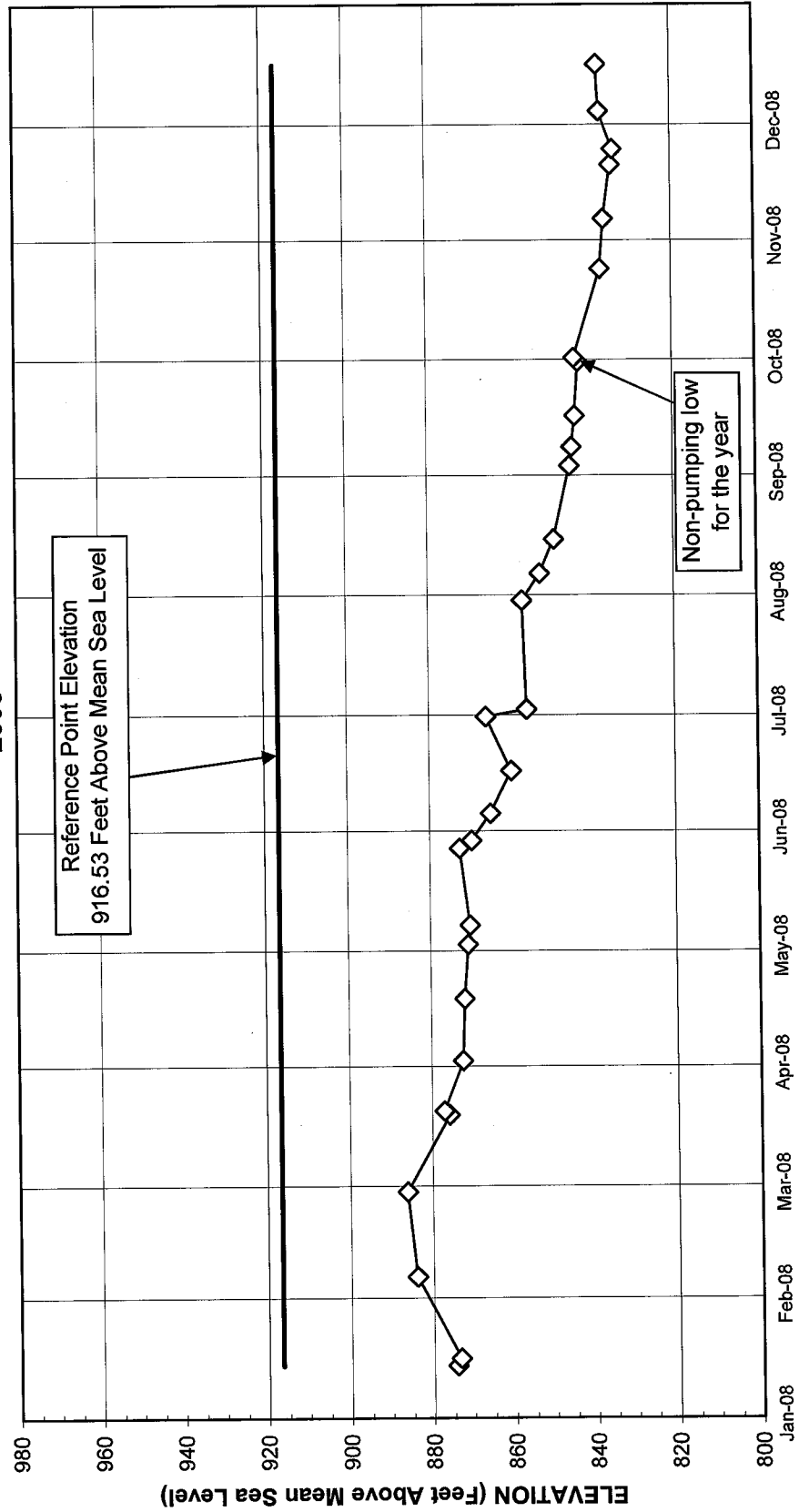


**FIGURE 2**  
**GROUNDWATER SURFACE ELEVATIONS**  
**1S/4W-29H01S**  
**FLUME NO. 2 WELL**  
**2008**





**FIGURE 3**  
**GROUNDWATER SURFACE ELEVATIONS**  
**1S/4W-29Q01S**  
**FLUME NO. 5 WELL**  
**2008**



**CHAPTER VI**

**EXTRACTIONS FROM THE PORTION OF  
RIVERSIDE BASIN AREA IN RIVERSIDE COUNTY  
WHICH IS TRIBUTARY TO THE RIVERSIDE NARROWS**

## **CHAPTER VI**

### **EXTRACTIONS FROM THE PORTION OF RIVERSIDE BASIN AREA IN RIVERSIDE COUNTY WHICH IS TRIBUTARY TO THE RIVERSIDE NARROWS**

#### **Extractions**

The extractions from that portion of the Riverside Basin area in Riverside County which is tributary to the Riverside Narrows for use within Riverside County for calendar year 2007 have been verified by the Watermaster as 38,232 acre-feet. The individual work sheets are included in Report of Watermaster, Volume 4-2007 entitled *Verified Extractions from Riverside Basin Area Within Riverside County* and are summarized in Table No. 6 following.

TABLE NO. 6  
 VERIFIED EXTRACTIONS FROM RIVERSIDE BASIN AREA  
 IN RIVERSIDE COUNTY  
 FOR USE IN RIVERSIDE COUNTY  
 ANNUAL TOTALS  
 (All Values in Acre-Feet)

Calendar Year	Total Verified Extractions	Base Right for Use in Riverside County
Five-Year Base Period 1959-63 Avg.	29,633	29,633
1971	30,942 <b>1</b>	29,633
1972	37,804 <b>2</b>	29,633
1973	33,094	29,633
1974	38,304 <b>2</b>	29,633
1975	28,285	29,633
1976	31,565	29,633
1977	28,226	29,633
1978	24,878 <b>3</b>	29,633
1979	25,512	29,633
1980	30,206 <b>3</b>	29,633
1981	30,243 <b>3</b>	29,633
1982	20,365 <b>3</b>	29,633
1983	22,991 <b>3</b>	29,633
1984	32,466 <b>3</b>	29,633
1985	23,970 <b>3</b>	29,633
1986	24,549 <b>3</b>	29,633
1987	24,202 <b>3</b>	29,633
1988	24,470 <b>3</b>	29,633
1989	34,417 <b>3</b>	29,633
1990	31,760 <b>3</b>	29,633
1991	29,364 <b>3</b>	29,633
1992	26,538 <b>3</b>	29,633
1993	26,505	29,633
1994	28,125	29,633
1995	22,580	29,633
1996	24,906	29,633
1997	29,128	29,633
1998	28,558	29,633
1999	33,837	29,633
2000	32,263	29,633

TABLE NO. 6  
 VERIFIED EXTRACTIONS FROM RIVERSIDE BASIN AREA  
 IN RIVERSIDE COUNTY  
 FOR USE IN RIVERSIDE COUNTY  
 ANNUAL TOTALS  
 (All Values in Acre-Feet)

Calendar Year	Total Verified Extractions	Base Right for Use in Riverside County
<b>Five-Year Base Period</b>		
1959-63 Avg.	29,633	29,633
2001	33,656	29,633
2002	31,013	29,633
2003	30,957	29,633
2004	35,530	29,633
2005	32,737	29,633
2006	31,026	29,633
2007	38,232 <sup>2</sup>	29,633
2008		
2009		
2010		
2011		
2012		
2013		
2014		
2015		

**1** Amount corrected during verification of 1972 extractions.

**2** These extractions exceeded the Base Right plus peaking allowance of 20% by 2,244 acre-feet in 1972, 2,744 acre-feet in 1974 and 2,672 acre-feet in 2007.

**3** Amount corrected during subsequent year verification of extractions.

**Note:** See Report of Watermaster, Volume 4, Table 4.

TABLE NO. 6  
 VERIFIED EXTRACTIONS FROM RIVERSIDE BASIN AREA  
 IN RIVERSIDE COUNTY  
 FOR USE IN RIVERSIDE COUNTY  
 FIVE-YEAR TOTALS  
 (All Values in Acre-Feet)

Calendar Year	Total Verified Extractions	Base Right for Use in Riverside County
Five-Year Base Period 1959-63 Avg.	148,165	148,165
1971-75	168,429	148,165
1972-76	169,052	148,165
1973-77	159,474	148,165
1974-78	151,258	148,165
1975-79	138,466	148,165
1976-80	140,387	148,165
1977-81	139,065	148,165
1978-82	131,204	148,165
1979-83	129,317	148,165
1980-84	136,271	148,165
1981-85	130,035	148,165
1982-86	124,341	148,165
1983-87	128,178	148,165
1984-88	129,657	148,165
1985-89	131,608	148,165
1986-90	139,398	148,165
1987-91	144,213	148,165
1988-92	146,549	148,165
1989-93	148,584	148,165
1990-94	142,292	148,165
1991-95	133,112	148,165
1992-96	128,654	148,165
1993-97	131,244	148,165
1994-98	133,297	148,165
1995-99	139,009	148,165

TABLE NO. 6  
 VERIFIED EXTRACTIONS FROM RIVERSIDE BASIN AREA  
 IN RIVERSIDE COUNTY  
 FOR USE IN RIVERSIDE COUNTY  
 FIVE-YEAR TOTALS  
 (All Values in Acre-Feet)

Calendar Year	Total Verified Extractions	Base Right for Use in Riverside County
<b>Five-Year Base Period</b>		
1959-63 Avg.	148,165	148,165
1996-00	148,692	148,165
1997-01	157,442	148,165
1998-02	159,327	148,165
1999-03	161,726	148,165
2000-04	163,419	148,165
2001-05	163,893	148,165
2002-06	161,263	148,165
2003-07	168,482	148,165
2004-08		
2005-09		
2006-10		
2007-11		
2008-12		
2009-13		
2010-14		
2011-15		

**Note: 5-year totals corrected to reflect any corrections on Table 6, page 1 of 2.**

### Return Flows

The Judgment provides for additional replenishment by Western if the urbanization of the Riverside Basin results in a diminution of the return flow accruing from the extractions described above and which would have otherwise accrued to the rising water at Riverside Narrows. The extent of such diminution is determined by the permanent reduction in the irrigated areas within the various water service organizations delivering water to the areas as compared to the areas served at the time the Judgment was entered. To the extent that such reduction causes an increase in the urban uses requiring sewage disposal through the Riverside Treatment Plant (the effluent which bypasses the Riverside Narrows), Western may, from time to time, be required to provide replenishment. Such irrigated acreages in the Riverside Basin Area in Riverside County at the time the Judgment was entered, from which return flow was tributary to Riverside Narrows, are set forth in Table D-5 of Appendix "D" of the Judgment and are as follows:

IRRIGATED ACREAGE IN RIVERSIDE BASIN AREA  
IN RIVERSIDE COUNTY PRESENTLY TRIBUTARY TO  
RIVERSIDE NARROWS WHICH UPON CONVERSION  
TO URBAN USES REQUIRING SEWAGE DISPOSAL  
THROUGH THE RIVERSIDE TREATMENT PLANT WILL  
BE DISCHARGED TO THE RIVER BELOW  
RIVERSIDE NARROWS

Entity Serving Acreage	Acres
Gage Canal Company	1,752
Alta Mesa Water Company	65
East Riverside Water Company	926
Riverside Highland Water Company	<u>1,173</u>
TOTAL	3,916

The service areas of the companies listed in Table D-5 were investigated. Field investigation was not completed during this time period.



The number of dwelling units connected to the City of Riverside wastewater disposal system and a discharge unit factor of 0.22 acre-feet per year per dwelling unit was used to determine the wastewater discharged to the river from the converted lands. These data have been summarized for the years 2003 through 2007 and are shown on Table No. 7.

TABLE NO. 7  
 REDUCTION IN RETURN FLOW CONTRIBUTING TO BASE FLOW  
 AT RIVERSIDE NARROWS  
 RESULTING FROM CONVERSION OF AGRICULTURAL USES  
 OF WATER TO DOMESTIC USES CONNECTED TO A SEWAGE SYSTEM  
 DISCHARGING TO THE RIVER BELOW RIVERSIDE NARROWS  
 (All Values in Acre-Feet)

Calendar Year	Gage Canal	Alta Mesa	East Riverside	Riverside Highland	Total
2003	257	38	284	0	579
2004	257	38	284	0	579
2005	257	38	284	0	579
2006	257	38	284	0	579
2007	257	38	284	0	579
<b>TOTAL</b> 2003-07	1,285	190	1,420	0	2,895

Table No. 7 shows that in 2007 the reduction in return flow contributing to Base Flow at Riverside Narrows resulting from the conversion of land from agricultural use to urban uses in the Riverside Basin Area was 579 acre-feet. Western's obligation associated with the land use conversion and resulting replenishment requirements are shown on summary Tables 16 and 18.

**CHAPTER VII**

**EXTRACTIONS FROM THE SAN BERNARDINO BASIN  
AREA,  
COLTON BASIN AREA, AND RIVERSIDE BASIN AREA  
FOR USE WITHIN WESTERN ON LANDS THAT ARE NOT  
TRIBUTARY TO THE RIVERSIDE NARROWS**

## CHAPTER VII

### **EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA, COLTON BASIN AREA AND RIVERSIDE BASIN AREA FOR USE WITHIN WESTERN ON LANDS THAT ARE NOT TRIBUTARY TO THE RIVERSIDE NARROWS**

The extractions from the San Bernardino, Colton and Riverside Basin Areas which were delivered for use within Western on lands not tributary to the Riverside Narrows during calendar year 2007 were verified by the Watermaster to be 36,279 acre-feet. Said amount is summarized by entity on Table No. 8.

The detailed work sheets for this determination are contained in Report of Watermaster, Volume 6-2007, entitled *Verified Extractions from the San Bernardino Basin Area, Colton Basin Area, and Riverside Basin Area for Use Within Western on Lands Not Tributary to the Riverside Narrows*.

**TABLE NO. 8**  
**VERIFIED EXTRACTIONS FROM**  
**THE SAN BERNARDINO BASIN AREA,**  
**THE COLTON BASIN AREA, AND THE RIVERSIDE BASIN AREA**  
**FOR USE WITHIN WESTERN ON LANDS THAT ARE NOT TRIBUTARY**  
**TO THE RIVERSIDE NARROWS**  
**(All Values in Acre-Feet)**

Entities Within WMWD	Annual 1959-63 Average	Calendar Years				
		2003 Verified Delivery	2004 Verified Delivery	2005 Verified Delivery	2006 Verified Delivery	2007 Verified Delivery
City of Riverside, including Irrigation Division water extracted by the Gage Canal Company and former Riverside Water Company	23,836	36,082	35,864	35,208	36,035	35,456
Meeks & Daley Water Company, Agua Mansa Water Company, and Temescal Water Company, including water received from City of Riverside	13,229	104	18	11	10	10
Extractions delivered by West Riverside Canal received from Twin Buttes Water Company, La Sierra Water Company, Agua Mansa Water Company, Salazar Water Company, West Riverside 350 Inch Water Company, and Jurupa Water Company	4,903	0	221	487	515	563
Jurupa Community Services District	531	0	0	0	0	0
Rubidoux Community Services District	36	250	250	250	250	250
<b>TOTAL</b>	<b>42,535</b>	<b>36,436</b>	<b>36,353</b>	<b>35,956</b>	<b>36,810</b>	<b>36,279</b>

**Note: See Report of Watermaster, Volume 6, Table A.**

**CHAPTER VIII**

**VERIFICATION OF EXTRACTIONS FROM THE  
SAN BERNARDINO BASIN AREA AND COLTON BASIN  
AREA  
WITHIN THE SAN BERNARDINO VALLEY MUNICIPAL  
WATER DISTRICT FOR USE ON LANDS NOT WITHIN  
WESTERN  
NOR TRIBUTARY TO THE RIVERSIDE NARROWS**

## CHAPTER VIII

### VERIFICATION OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA AND COLTON BASIN AREA WITHIN THE SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT FOR USE ON LANDS NOT WITHIN WESTERN NOR TRIBUTARY TO THE RIVERSIDE NARROWS

#### Deliveries to Chino Basin

The extractions from the Colton and San Bernardino Basin Areas which were delivered for use on lands not within Western nor tributary to the Riverside Narrows, Chino Basin, during calendar year 2007 were verified by the Watermaster to be 28,418 acre-feet. Said amount is summarized by entity on Table No. 9.

The detailed work sheets for this determination are contained in Report of Watermaster, Volume 7-2007, entitled *Verification of Extractions from the San Bernardino Basin Area and Colton Basin Area Within the San Bernardino Valley Municipal Water District for Use on Lands Not Within Western Nor Tributary to the Riverside Narrows*.

#### Deliveries to Areas Other Than Chino Basin

Paragraph X of the Judgment also provides for replenishment by San Bernardino Valley to the extent exports are made from the San Bernardino Basin Area for use in the Yucaipa, San Timoteo, Oak Glen, and Beaumont Basins.

The results of the verification of the base period production from the San Bernardino Basin Area indicated that such exports were not made during the five calendar years ending with 1963. The verification of production for the 2007 calendar year indicated that during 2007, no water was exported to the Yucaipa, San Timoteo, Oak Glen or Beaumont Basins.

**TABLE NO. 9**  
**VERIFIED EXTRACTATIONS FROM THE**  
**SAN BERNARDINO BASIN AREA AND COLTON BASIN AREA**  
**WITHIN THE SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**  
**FOR USE ON LANDS NOT WITHIN WESTERN**  
**NOR TRIBUTARY TO RIVERSIDE NARROWS**  
**(All Values in Acre-Feet)**

Entities	Annual 1959-63 Average	Calendar Years				
		2003 Verified Delivery	2004 Verified Delivery	2005 Verified Delivery	2006 Verified Delivery	2007 Verified Delivery
Fontana Union Water Company	10,170 <sup>1</sup>	10,808	11,610	18,709 <sup>3</sup>	24,050 <sup>3</sup>	19,083
West Valley Water District (formerly WSBOWD)	1,806	4,819	5,806 <sup>3</sup>	7,938 <sup>3</sup>	6,590 <sup>3</sup>	8,190
City of Rialto	551 <sup>1</sup>	1,953	1,209 <sup>3</sup>	912 <sup>3</sup>	1,114 <sup>3</sup>	1,145
Subtotal (Delivery to Chino Basin)	12,527	17,580	18,625	27,559	31,754	28,418
San Bernardino Valley Municipal Water District	0	0 <sup>2</sup>	0 <sup>2</sup>	0 <sup>2</sup>	0 <sup>2</sup>	0 <sup>2</sup>
Subtotal (Delivery to areas other than Chino Basin)	0	0	0	0	0	0
<b>TOTAL</b>	<b>12,527 <sup>1</sup></b>	<b>17,580</b>	<b>18,625 <sup>3</sup></b>	<b>27,559 <sup>3</sup></b>	<b>31,754 <sup>3</sup></b>	<b>28,418</b>

<sup>1</sup> Amount corrected during verification of 1973 deliveries.  
<sup>2</sup> Water diverted from Mill Creek and delivered to the Yucaipa Regional Park, Yucaipa Valley Water District or Wilson Spreading Basins by SBVMWD.  
<sup>3</sup> Amount corrected during verification of 2007 deliveries.

Note: See Report of Watermaster, Volume 7, Table B.

**CHAPTER IX**

**ANNUAL ACCOUNTING OF EXTRACTIONS,  
DELIVERIES, AND REPLENISHMENT OBLIGATIONS**



## **CHAPTER IX**

### **ANNUAL ACCOUNTING OF EXTRACTIONS, DELIVERIES, AND REPLENISHMENT OBLIGATIONS**

The Judgment requires the annual determination of extractions from the San Bernardino, Colton, and Riverside Basin Areas by Plaintiffs as well as Non-Plaintiffs, and further requires that a determination be made as to that portion of such extractions delivered to each of the service areas tributary to the Riverside Narrows as well as the deliveries to those areas not tributary to the Riverside Narrows. A comparison of the annual extractions and deliveries with the verified five-year Base Period amounts provides the basis for the annual accounting of replenishment obligations, if any, which accrue by reason of production or deliveries in excess of such amounts.

#### **Plaintiffs' Extractions from San Bernardino Basin Area**

The Judgment specifically defines the Adjusted Right of the City of Riverside, Gage Canal Company, Riverside Highland Water Company, Agua Mansa Water Company & Meeks and Daley Water Company, and the Regents of University of California to produce water from the San Bernardino Basin Area for use in three specific service areas. These rights, expressed in terms of the five-year total allowable production and the maximum allowable production in any one year, are shown on Tables 10 through 13. Tables 10 through 13 also show the actual extractions for use by the Plaintiffs in the specific service areas.

In accordance with paragraph VI(b)6 of the Judgment, San Bernardino Valley Municipal Water District (San Bernardino Valley) and Western Municipal Water District (Western) have entered into agreements on December 22, 1981, February 25, 1985, and August 21, 1985 which provide for additional extraction and exportation of water

from the San Bernardino Basin Area. The 1981 agreement and its amendments provide for the City of Riverside, Riverside Highland, Agua Mansa Water Company & Meeks and Daley Water Company, and the Regents of University of California to extract and export up to 17,500 acre-feet per year of additional water from the San Bernardino Basin Area. The agreement and amendments also set forth certain payment provisions for such additional extractions and requires certification to the Watermaster that such provisions have been met. The footnotes on Table 10 indicate the amounts of water extracted by the Plaintiff Entities in calendar years 1981, 1983, 1984, 1985, 1986, 1987, 1988, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, and 2004.

#### **Non-Plaintiffs' Extractions from San Bernardino Basin Area**

The Judgment provides that the Non-Plaintiffs as a group can produce a specific amount of water from the San Bernardino Basin Area without incurring an obligation to replenish the basin with imported water. During the period 2003 through 2007, the Non-Plaintiffs' production did exceed the Adjusted Right. (See Table 17)

A comparison of Adjusted Rights plus additional water made available by agreement to actual production by Plaintiffs and Non-Plaintiffs for the period 2003 through 2007 is as follows:

	Calendar Years 2003-07		
	Allowable Extractions	Actual Extractions	Difference
Plaintiffs	333,413	305,908	(27,505)
Non-Plaintiffs	<u>861,968</u>	<u>936,508</u>	<u>74,540</u>
	1,195,381	1,242,416	47,035

(All values in acre-feet)

### **Exports to Areas Not Tributary to Riverside Narrows**

The Judgment limits the amount of water that can be extracted from the various basins for use on lands that are not tributary to the Riverside Narrows. Western and San Bernardino Valley are responsible for any obligation that may result from new exports to these nontributary lands located in Riverside County and San Bernardino County, respectively.

Tables 14 and 15 indicate the Adjusted Right and actual export for use on lands in Riverside County and San Bernardino County not tributary to the Riverside Narrows. Table 14 shows that during the period 2003 through 2007 the export by entities within Western was 30,841 acre-feet less than the Base Right. Table 15 shows that exports from San Bernardino Valley for use in San Bernardino County exceeded the Base Right for the period 1971 through 2007 by 424,264 acre-feet. The obligation of San Bernardino Valley resulting from this New Export is shown on Table 17.

The 1981 and 1985 agreements regarding extraction of additional water provide that the provisions of the Judgment related to export to areas not tributary to the Riverside Narrows shall not apply to additional water. Therefore, the additional water pumped by the City of Riverside in 1985, 1986, 1987, 1988, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, and 2004 has been excluded from amounts of export shown on Table 14. The additional water extracted by Non-Plaintiffs in 1985, 1987, 1988, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, and 2004 has not been excluded from the amount of export shown on Table 15; however, 10,681 acre-feet in 1985, 5,263 acre-feet in 1987, 14,187 acre-feet in 1988, 5,675 acre-feet in 1992, 11,134 acre-feet in 1993, 18,013 acre-feet in 1994, 14,993 acre-feet in 1995, 18,013 acre-feet in 1996, and 17,241 acre-feet of the 18,013 acre-feet in 1997, 18,013 acre-feet in 1998, 17,331 of the 27,994 acre-feet in 1999, 13,703 of the 20,428 acre-feet in 2000, 10,822 acre-feet in 2001, 8,809 of the 9,359 acre-feet in 2002 and 6,098 of the 10,871 acre-feet in 2004 of additional water extracted by Non-

Plaintiffs have been excluded from the computation of new export on Table 17 (See Footnotes 11 and 12).

### **Summary of Western's Credits and Obligations**

Table 16, Pages 1 of 3, 2 of 3, and 3 of 3, summarize Western's credits and obligations in the Colton Basin Area, Riverside Basin Area in San Bernardino County and Riverside Basin Area in Riverside County. The net accumulated credit for Colton Basin Area during the period 1971 through 2007 is 80,552 acre-feet as shown on Table 16, page 1 of 3. The net accumulated credit for Riverside Basin Area in San Bernardino County during the period 1971 through 2007 is 337,134 acre-feet as shown on Table 16, page 2 of 3. The net accumulated credit for Riverside Basin Area in Riverside County during the period 1971 through 2007 is 24,625 acre-feet as shown on Table 16, page 3 of 3.

Western and San Bernardino Valley have implemented paragraphs VI(b) 6 and XV (a) of the Judgment with respect to the importation by Western of water from the State Water Project for replenishment of the San Bernardino Basin Area. Under these provisions of the Judgment, and by agreement with the San Bernardino Valley Municipal Water District, Western began in 2004 to acquire from MWDSC water imported from the State Water Project for replenishment of the San Bernardino Basin Area. It is anticipated that this will be a continuing program, and Tables 3, 17A, and 18 have been added or modified to account for such replenishment and extractions. The accumulated excess of replenishment over extractions shall be shown as a Net Credit, and Western shall have the right to extract its Net Credit, or any portion thereof, at any future time, or transfer such right to any plaintiff in this action, to be extracted in addition to any other rights such transferee may have. To the extent permitted by agreement with San Bernardino Valley Municipal Water District, replenishment may be made to offset prior extractions, and shall be shown in the appropriate tables as a Net Obligation.

### **Summary of San Bernardino Valley's Credits and Obligations**

Table 17 summarizes San Bernardino Valley's credit and obligations in the San Bernardino, Colton and Riverside Basins. Paragraph VI of the Judgment entitled *San Bernardino Basin Area Rights and Replenishment* states in part that:

*San Bernardino shall also receive credit against any future replenishment obligations for all replenishment which it provides in excess of that required herein, and for any amounts which may be extracted without replenishment obligation, which in fact are not extracted.*

The Judgment provides that San Bernardino Valley can carry forward to the current five-year period credits accumulated prior thereto. Obligations incurred by San Bernardino Valley have also been carried forward to the current five-year period. Accordingly the accumulated values shown on Tables 15 and 17 include amounts accumulated prior to 2003.

As indicated previously, the actual extractions from the San Bernardino Basin Area were greater than the Adjusted Right during the period 2003 through 2007. The actual extractions for 2007 exceeded the annual Adjusted Right; therefore, the extraction credit for 2007 was 0 as shown on Table 17. San Bernardino Valley receives credit for imported water that is used for replenishment in the San Bernardino Basin Area as previously discussed. San Bernardino Valley receives credit for Return Flows from Excess Extractions delivered within the SBBA, and from Direct Delivery of imported water within the SBBA. Accumulated credits for such replenishment, under-extraction, and return flows through 2007 total 429,068 acre-feet.

The accumulated obligation resulting from Excess Extractions and New Export during the period 1971 through 2007 is 205,568 acre-feet as shown on Table 17.

In summary, Table 17 shows that at the end of the five-year period 2003 through 2007 San Bernardino Valley's accumulated credits exceeded its accumulated obligations by 223,500 acre-feet.

Chapter V indicates that extractions in the Colton Basin Area and Riverside Basin Area within San Bernardino County for use in San Bernardino Valley are not limited provided that San Bernardino Valley maintains a specified minimum static water surface elevation in these Basins. During the five-year period 2003 through 2007 the actual water surface elevation remained higher than the specified minimum; therefore, no additional water is required for maintenance of these Basins.

### **Replenishment Requirements**

Table 18 summarizes the accumulated credits and obligations of both Western and San Bernardino Valley. The credits exceeded the obligations for Western during the five-year period 2003 through 2007.

In summary, Table 18 shows that Western is not required to provide additional replenishment for obligations incurred during the five-year period 2003 through 2007.

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TABLE NO. 10  
 ANNUAL ACCOUNTING OF EXTRACTIIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY THE CITY OF RIVERSIDE  
 (INCLUDING THOSE RIGHTS ACQUIRED AS SUCCESSOR TO THE  
 RIVERSIDE WATER COMPANY AND THE GAGE CANAL COMPANY)  
 ANNUAL TOTALS  
 (All Quantities in Acre-Feet)

Calendar Year	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual
1971	53448	69,482	53,882	1,462	1,901	98	1,260	1,638	669	50,726	65,944	53,115
1972	52199	67,859	45,694	1,427	1,855	85	1,230	1,599	547	49,542	64,405	45,062
1973	52199	67,859	43,022	1,427	1,855	156	1,230	1,599	512	49,542	64,405	42,354
1974	52199	67,859	43,367	1,427	1,855	0	1,230	1,599	550	49,542	64,405	42,817
1975	52199	67,859	47,962	1,427	1,855	0	1,230	1,599	498	49,542	64,405	47,464
1976	52199	67,859	51,374	1,427	1,855	0	1,230	1,599	523	49,542	64,405	50,851
1977	52199	67,859	50,999	1,427	1,855	0	1,230	1,599	346	49,542	64,405	50,653
1978	52199	67,859	45,384	1,427	1,855	646	1,230	1,599	301	49,542	64,405	44,437
1979	52199	67,859	52,377	1,427	1,855	0	1,230	1,599	415	49,542	64,405	51,962
1980	52199	67,859	50,756	1,427	1,855	383	1,230	1,599	0	49,542	64,405	50,373
1981	52199	67,859	52,157	1,427	1,855	724	1,230	1,599	0	49,542	64,405	51,433
1982	52199	67,859	49,599	1,427	1,855	162	1,230	1,599	0	49,542	64,405	49,437
1983	52199	67,859	46,064	1,427	1,855	335	1,230	1,599	0	49,542	64,405	45,729
1984	52199	67,859	58,906	1,427	1,855	32	1,230	1,599	0	49,542	64,405	58,874
1985	52199	67,859	63,073	1,427	1,855	59	1,230	1,599	0	49,542	64,405	63,014
1986	52199	67,859	59,979	1,427	1,855	437	1,230	1,599	0	49,542	64,405	59,542
1987	52199	67,859	57,841	1,427	1,855	334	1,230	1,599	0	49,542	64,405	57,507
1988	52199	67,859	64,512	1,427	1,855	815	1,230	1,599	0	49,542	64,405	63,697
1989	52199	67,859	50,784	1,427	1,855	28	1,230	1,599	0	49,542	64,405	50,756
1990	52199	67,859	47,637	1,427	1,855	19	1,230	1,599	0	49,542	64,405	47,618
1991	52199	67,859	52,909	1,427	1,855	155	1,230	1,599	0	49,542	64,405	52,754
1992	52199	67,859	50,239	1,427	1,855	203	1,230	1,599	0	49,542	64,405	50,036
1993	52199	67,859	52,114	1,427	1,855	-108	1,230	1,599	0	49,542	64,405	52,222
1994	52199	67,859	60,447	1,427	1,855	46	1,230	1,599	0	49,542	64,405	60,401
1995	52199	67,859	55,392	1,427	1,855	99	1,230	1,599	0	49,542	64,405	55,293



TABLE NO. 10  
 ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY THE CITY OF RIVERSIDE  
 (INCLUDING THOSE RIGHTS ACQUIRED AS SUCCESSOR TO THE  
 RIVERSIDE WATER COMPANY AND THE GAGE CANAL COMPANY)  
 ANNUAL TOTALS  
 (All Quantities in Acre-Feet)

Calendar Year	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual
1996	52,199	67,859	63,382	1,427	1,855	278	1,230	1,599	0	49,542	64,405	63,104
1997	52,199	67,859	59,938	1,427	1,855	494	1,230	1,599	0	49,542	64,405	59,444
1998	52,199	67,859	54,417	1,427	1,855	0	1,230	1,599	0	49,542	64,405	54,417
1999	52,199	67,859	61,142	1,427	1,855	181	1,230	1,599	0	49,542	64,405	60,961
2000	52,199	67,859	63,472	1,427	1,855	117	1,230	1,599	0	49,542	64,405	63,355
2001	52,199	67,859	59,312	1,427	1,855	229	1,230	1,599	0	49,542	64,405	59,083
2002	52,199	67,859	65,462	1,427	1,855	172	1,230	1,599	0	49,542	64,405	65,290
2003	52,199	67,859	54,514	1,427	1,855	10	1,230	1,599	0	49,542	64,405	54,504
2004	52,199	67,859	53,414	1,427	1,855	0	1,230	1,599	0	49,542	64,405	53,414
2005	52,199	67,859	44,696	1,427	1,855	13	1,230	1,599	0	49,542	64,405	44,683
2006	52,199	67,859	49,469	1,427	1,855	30	1,230	1,599	0	49,542	64,405	49,439
2007	52,199	67,859	52,040	1,427	1,855	39	1,230	1,599	0	49,542	64,405	49,542
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015												

See Report of Watermaster, Volume 1A, Table No. 3.

TABLE NO. 10  
ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
AND DELIVERIES TO EACH SERVICE AREA BY THE CITY OF RIVERSIDE  
(INCLUDING THOSE RIGHTS ACQUIRED AS SUCCESSOR TO THE  
RIVERSIDE WATER COMPANY AND THE GAGE CANAL COMPANY)

- 1 Adjusted Right as determined and reported to the Court in the Annual Report of the Western-San Bernardino Watermaster for Calendar Year 1971 in Table No. 9, page 27.
- 2 Maximum Allowable for any one year, not to exceed 130% of Adjusted Right.
- 3 Actual verified extractions from Table No. 3 of Watermaster Report.
- 4 Adjusted Right was not effective until January 1, 1972; thus the Base Right for 1971 is as shown in Appendix B, Table B-1 of the Judgment.
- 5 See Footnote 1 of Table 3.
- 6 Includes 1,148 acre-feet of additional extraction which are allowable under provisions of the December 22, 1981 Western-San Bernardino agreement prepared in accordance with paragraph V(f)(6) of the Judgment.
- 7 Includes 76 acre-feet of additional extraction which are allowable under provisions of the December 22, 1981 Western-San Bernardino agreement.
- 8 Includes 9,332 acre-feet of additional extraction which are allowable under provisions of the December 22, 1981 Western-San Bernardino agreement.
- 9 Includes 13,472 af of additional extraction which are allowable under provisions of the Feb 25, 1985 and the Aug 21, 1985 Western-San Bernardino agreements prepared in accordance with paragraph V(f)(6) of the Judgment.
- 10 Includes 10,000 acre-feet of additional extraction which are allowable under provisions of the December 22, 1981 Western-San Bernardino agreement.
- 11 Includes 7,965 acre-feet of additional extraction which are allowable under provisions of May 20, 1987 amendment to the December 22, 1981 Western-San Bernardino agreement.
- 12 Includes 14,201 acre-feet of additional extraction which are allowable under provisions of January 20, 1988 amendment to the December 22, 1981 Western-San Bernardino agreement.
- 13 Includes 3,212 acre-feet of additional extraction which are allowable under provisions of April 3, 1991 amendment to the December 22, 1981 Western-San Bernardino agreement.
- 14 Includes 7,177 acre-feet of additional extraction which are allowable under provisions of April 4, 1992 amendment to the December 22, 1981 Western-San Bernardino agreement.
- 15a Includes 7,152 acre-feet of additional extraction which are allowable under provisions of June 16, 1993 amendment to the December 22, 1981 Western-San Bernardino agreement. 5,622 produced from Riverside's allowance for Riverside and 1,530 produced from SBVMWD's allowance for WMWD.
- 15b Includes 9,917 acre-feet of additional export which are allowable under provisions of June 16, 1993 amendment to the December 22, 1981 Western-San Bernardino agreement. 8,387 exported from Riverside's allowance for Riverside and 1,530 exported from SBVMWD's allowance for WMWD.
- 16a Includes 9,107 acre-feet of additional extraction which are allowable under provisions of March 2, 1994 amendment to the December 22, 1981 Western-San Bernardino agreement. 5,622 produced/exported from Riverside's allowance for Riverside and 3,485 produced from SBVMWD's allowance for WMWD.
- 16b Includes 10,859 acre-feet of additional export which are allowable under provisions of March 2, 1994 amendment to the December 22, 1981 Western-San Bernardino agreement. 7,374 exported from Riverside's allowance for Riverside and 3,485 exported from SBVMWD's allowance for WMWD.
- 17a Includes 5,799 acre-feet of additional extraction which are allowable under provisions of March 15, 1995 amendment to the December 22, 1981 Western-San Bernardino agreement. 5,622 produced from Riverside's allowance for Riverside and 177 produced from SBVMWD's allowance for WMWD.
- 17b Includes 8,357 acre-feet of additional export which are allowable under provisions of March 15, 1995 amendment to the December 22, 1981 Western-San Bernardino agreement. 8,180 exported from Riverside's allowance for Riverside and 177 exported from SBVMWD's allowance for WMWD.
- 18a Includes 8,390 acre-feet of additional extraction which are allowable under provisions of March 6, 1996 amendment to the December 22, 1981 Western-San Bernardino agreement. 5,622 produced from Riverside's allowance for Riverside and 2,768 produced from SBVMWD's allowance for WMWD.
- 18b Includes 10,769 acre-feet of additional export which are allowable under provisions of March 6, 1996 amendment to the December 22, 1981 Western-San Bernardino agreement. 8,001 exported from Riverside's allowance for Riverside and 2,768 exported from SBVMWD's allowance for WMWD.

TABLE NO. 10  
 ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY THE CITY OF RIVERSIDE  
 (INCLUDING THOSE RIGHTS ACQUIRED AS SUCCESSOR TO THE  
 RIVERSIDE WATER COMPANY AND THE GAGE CANAL COMPANY)

- 19a Includes 7,495 acre-feet of additional extraction which are allowable under provisions of February 19, 1997 amendment to the December 22, 1981 Western-San Bernardino agreement. 5,622 produced from Riverside's allowance for Riverside and 1,873 produced from SBVMWD's allowance for WMWD.
- 19b Includes 9,658 acre-feet of additional export which are allowable under provisions of February 19, 1997 amendment to the December 22, 1981 Western-San Bernardino agreement. 7,785 exported from Riverside's allowance for Riverside and 1,873 exported from SBVMWD's allowance for WMWD.
- 20a Includes 6,671 acre-feet of additional extraction which are allowable under provisions of April 30, 1998 amendment to the December 22, 1981 Western-San Bernardino agreement. 5,622 produced from Riverside's allowance for Riverside and 1,049 produced from SBVMWD's allowance for WMWD.
- 20b Includes 6,671 acre-feet of additional export which are allowable under provisions of April 30, 1998 amendment to the December 22, 1981 Western-San Bernardino agreement. 5,622 exported from Riverside's allowance for Riverside and 1,049 exported from SBVMWD's allowance for WMWD.
- 21a Includes 8,943 acre-feet of additional extraction which are allowable under provisions of January 6, 1999, 13th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 21b Includes 11,419 acre-feet of additional export which are allowable under provisions of January 6, 1999, 13th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 22a Includes 11,273 acre-feet of additional extraction which are allowable under provisions of August 16, 2000, 15th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 22b Includes 13,803 acre-feet of additional export which are allowable under provisions of August 16, 2000, 15th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 23a Includes 7,113 acre-feet of additional extraction which are allowable under provisions of February 7, 2001, 17th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 23b Includes 9,541 acre-feet of additional export which are allowable under provisions of February 7, 2001, 17th and 18th Amendments to the December 22, 1981 Western-San Bernardino agreement.
- 24a Includes 13,263 acre-feet of additional extraction which are allowable under provisions of February 6, 2002, 19th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 24b Includes 15,748 acre-feet of additional export which are allowable under provisions of February 6, 2002, 19th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 25a Includes 1,215 acre-feet of additional extraction which are allowable under provisions of August 18, 2004 21st Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 25b Includes 3,872 acre-feet of additional export which are allowable under provisions of August 18, 2004 21st Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 26a Includes 2,459 acre-feet of State Water Project Water imported by Western. See Table No. 17A of Watermaster Report.
- 26b Includes 2,459 acre-feet of State Water Project Water imported by Western. See Table No. 17A of Watermaster Report.

TABLE NO. 10  
 ANNUAL ACCOUNTING OF EXTRACTIIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY THE CITY OF RIVERSIDE  
 (INCLUDING THOSE RIGHTS ACQUIRED AS SUCCESSOR TO THE  
 RIVERSIDE WATER COMPANY AND THE GAGE CANAL COMPANY)  
 FIVE-YEAR TOTALS  
 (All Quantities in Acre-Feet)

Calendar Years	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual
1971-75	262,244	262,244	233,927	7,170	7,170	339	6,180	6,180	2,776	248,894	248,894	230,812
1972-76	260,995	260,995	231,419	7,135	7,135	241	6,150	6,150	2,630	247,710	247,710	228,548
1973-77	260,995	260,995	236,724	7,135	7,135	156	6,150	6,150	2,429	247,710	247,710	234,139
1974-78	260,995	260,995	239,086	7,135	7,135	646	6,150	6,150	2,218	247,710	247,710	236,222
1975-79	260,995	260,995	248,096	7,135	7,135	646	6,150	6,150	2,083	247,710	247,710	245,367
1976-80	260,995	260,995	250,890	7,135	7,135	1,029	6,150	6,150	1,585	247,710	247,710	248,276
1977-81	260,995	260,995	250,525	7,135	7,135	1,753	6,150	6,150	1,062	247,710	247,710	247,710
1978-82	260,995	260,995	249,125	7,135	7,135	1,915	6,150	6,150	716	247,710	247,710	246,494
1979-83	260,995	260,995	249,729	7,135	7,135	1,604	6,150	6,150	415	247,710	247,710	247,710
1980-84	260,995	260,995	246,926	7,135	7,135	1,636	6,150	6,150	0	247,710	247,710	245,290
1981-85	260,995	260,995	245,771	7,135	7,135	1,312	6,150	6,150	0	247,710	247,710	244,459
1982-86	260,995	260,995	244,741	7,135	7,135	1,025	6,150	6,150	0	247,710	247,710	243,716
1983-87	260,995	260,995	245,018	7,135	7,135	1,197	6,150	6,150	0	247,710	247,710	243,821
1984-88	260,995	260,995	249,341	7,135	7,135	1,677	6,150	6,150	0	247,710	247,710	247,664
1985-89	260,995	260,995	250,551	7,135	7,135	1,673	6,150	6,150	0	247,710	247,710	248,878
1986-90	260,995	260,995	248,587	7,135	7,135	1,633	6,150	6,150	0	247,710	247,710	246,954
1987-91	260,995	260,995	248,305	7,135	7,135	1,351	6,150	6,150	0	247,710	247,710	246,954
1988-92	260,995	260,995	241,491	7,135	7,135	1,220	6,150	6,150	0	247,710	247,710	240,271
1989-93	260,995	260,995	236,142	7,135	7,135	297	6,150	6,150	0	247,710	247,710	233,080
1990-94	260,995	260,995	236,698	7,135	7,135	315	6,150	6,150	0	247,710	247,710	231,866
1991-95	260,995	260,995	238,654	7,135	7,135	395	6,150	6,150	0	247,710	247,710	231,184
1992-96	260,995	260,995	243,949	7,135	7,135	518	6,150	6,150	0	247,710	247,710	233,977
1993-97	260,995	260,995	253,330	7,135	7,135	809	6,150	6,150	0	247,710	247,710	240,904
1994-98	260,995	260,995	256,114	7,135	7,135	917	6,150	6,150	0	247,710	247,710	246,345
1995-99	260,995	260,995	256,973	7,135	7,135	1,052	6,150	6,150	0	247,710	247,710	246,345

TABLE NO. 10  
 ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY THE CITY OF RIVERSIDE  
 (INCLUDING THOSE RIGHTS ACQUIRED AS SUCCESSOR TO THE  
 RIVERSIDE WATER COMPANY AND THE GAGE CANAL COMPANY)  
 FIVE-YEAR TOTALS  
 (All Quantities in Acre-Feet)

Calendar Years	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable 2	Actual 3	Adjusted Right	Allowable 2	Actual 3	Adjusted Right	Allowable 2	Actual 3	Adjusted Right	Allowable 2	Actual 3
1996-00	260,995	260,995	259,579	7,135	7,135	1,070	6,150	6,150	0	247,710	247,710	248,951
1997-01	260,995	260,995	256,786	7,135	7,135	1,021	6,150	6,150	0	247,710	247,710	246,158
1998-02	260,995	260,995	256,542	7,135	7,135	699	6,150	6,150	0	247,710	247,710	245,914
1999-03	260,995	260,995	263,310	7,135	7,135	709	6,150	6,150	0	247,710	247,710	252,672
2000-04	260,995	260,995	263,310	7,135	7,135	528	6,150	6,150	0	247,710	247,710	252,672
2001-05	260,995	260,995	255,807	7,135	7,135	424	6,150	6,150	0	247,710	247,710	247,813
2002-06	260,995	260,995	253,077	7,135	7,135	225	6,150	6,150	0	247,710	247,710	247,710
2003-07	260,995	260,995	252,918	7,135	7,135	92	6,150	6,150	0	247,710	247,710	247,710
2004-08												
2005-09												
2006-10												
2007-11												
2008-12												
2009-13												
2010-14												
2011-15												
Excess Extractions												
2003-07	(8,077)	*		(7,043)	*		(6,150)	*		0	*	

\* Parentheses indicate that actual extractions are less than Adjusted Right.

TABLE NO. 10  
ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
AND DELIVERIES TO EACH SERVICE AREA BY THE CITY OF RIVERSIDE  
(INCLUDING THOSE RIGHTS ACQUIRED AS SUCCESSOR TO THE  
RIVERSIDE WATER COMPANY AND THE GAGE CANAL COMPANY)

- 1 Adjusted Right as determined and reported to the Court in the Annual Report of the Western-San Bernardino Watermaster for Calendar Year 1971 in Table No. 9, page 27.
- 2 Maximum allowable for the five-year period is the same as the five-year-period Adjusted Right.
- 3 Actual verified extractions from Table No. 3.
- 4 Adjusted Right was not effective until January 1, 1972, thus the Adjusted Right for the period 1971-75 is more than the Adjusted Right for subsequent five-year periods.
- 5 Excludes 1,148 acre-feet in 1981 and 76 acre-feet in 1983, 9,332 acre-feet in 1984, 13,472 acre-feet in 1985, and 10,000 acre-feet in 1986 of allowable additional extraction. See Footnote 6 on Table 10 Page 1c of 2.
- 6 Excludes 1,148 acre-feet in 1981, 76 acre-feet in 1983, 9,332 acre-feet in 1984, 13,472 acre-feet in 1985, and 10,000 acre-feet in 1986 of allowable additional extraction. See Footnotes 6 & 7 on Table 10 Page 1c of 2.
- 6a Excludes 1,148 acre-feet in 1981, 76 acre-feet in 1983, 9,332 acre-feet in 1984, 13,472 acre-feet in 1985, and 10,000 acre-feet in 1986 of allowable additional extraction. See Footnote 6 of 2.
- 7 Excludes 1,148 acre-feet in 1981, 76 acre-feet in 1983, 9,332 acre-feet in 1984, 13,472 acre-feet in 1985, and 10,000 acre-feet in 1986 of allowable additional extraction. See Footnotes 6, 7, 8, and 9 on Table 10 Page 1c of 2.
- 8 Excludes 76 acre-feet in 1983, 9,332 acre-feet in 1984, 13,472 acre-feet in 1985, and 10,000 acre-feet in 1986 of allowable additional extraction. See Footnotes 7, 8, 9, and 10 on Table 10 Page 1c of 2.
- 9 Excludes 76 acre-feet in 1983, 9,332 acre-feet in 1984, 13,472 acre-feet in 1985, and 10,000 acre-feet in 1986 of allowable additional extraction. See Footnotes 7, 8, 9, 10, and 11 on Table 10 Page 1c of 2.
- 10 Excludes 9,332 acre-feet in 1984, 13,472 acre-feet in 1985, 10,000 acre-feet in 1986, 7,965 acre-feet in 1987, and 14,201 acre-feet in 1988 of allowable additional extraction. See Footnotes 8, 9, 10, 11, and 12 on Table 10 Page 1c of 2.
- 11 Excludes 13,472 acre-feet in 1985, 10,000 acre-feet in 1986, 7,965 acre-feet in 1987, and 14,201 acre-feet in 1988 of allowable additional extraction. See Footnotes 9, 10, 11, and 12 on Table 10 Page 1c of 2.
- 12 Excludes 10,000 acre-feet in 1986, 7,965 acre-feet in 1987, and 14,201 acre-feet in 1988 of allowable additional extraction. See Footnotes 10, 11, and 12 on Table 10 Page 1c of 2.
- 13 Number corrected during verification of 1990 extractions.
- 14 Excludes 7,965 acre-feet in 1987, 14,201 acre-feet in 1988, and 3,212 acre-feet in 1991 of allowable additional extraction. See Footnotes 11, 12, and 13 on Table 10 Page 1c of 2.
- 15 Excludes 14,201 acre-feet in 1988, 3,212 acre-feet in 1991, and 7,177 acre-feet in 1992 of allowable additional extraction. See Footnotes 12, 13, and 14 on Table 10 Page 1c of 2.
- 16a Excludes 3,212 acre-feet in 1991, 7,177 acre-feet in 1992, and 7,152 acre-feet in 1993 of allowable additional extraction. See Footnotes 13, 14, and 15a on Table 10 Page 1c of 2.
- 16b Excludes 3,212 acre-feet in 1991, 7,177 acre-feet in 1992, and 9,917 acre-feet in 1993 of allowable additional extraction. See Footnotes 13, 14, and 15b on Table 10 Page 1c of 2.
- 17a Excludes 3,212 acre-feet in 1991, 7,177 acre-feet in 1992, 7,152 acre-feet in 1993, and 9,107 acre-feet in 1994 of allowable additional extraction. See Footnotes 13, 14, 15a, and 16a on Table 10 Page 1c of 2.
- 17b Excludes 3,212 acre-feet in 1991, 7,177 acre-feet in 1992, 9,917 acre-feet in 1993, and 10,859 acre-feet in 1994 of allowable additional extraction. See Footnotes 13, 14, 15b, and 16b on Table 10 Page 1c of 2.
- 18a Excludes 3,212 acre-feet in 1991, 7,177 acre-feet in 1992, 7,152 acre-feet in 1993, 9,107 acre-feet in 1994, and 5,799 acre-feet in 1995 of allowable additional extraction. See Footnotes 13, 14, 15a, 16a and 17a on Table 10 Page 1c of 2.
- 18b Excludes 3,212 acre-feet in 1991, 7,177 acre-feet in 1992, 9,917 acre-feet in 1993, 10,859 acre-feet in 1994, and 8,357 acre-feet in 1995 of allowable additional extraction. See Footnotes 13, 14, 15b, 16b and 17b on Table 10 Page 1c of 2.
- 19a Excludes 7,177 acre-feet in 1992, 7,152 acre-feet in 1993, 9,107 acre-feet in 1994, 5,799 acre-feet in 1995, and 8,390 acre-feet in 1996, of allowable additional extraction. See Footnotes 14, 15a, 16a, 17a and 18a on Table 10 Page 1c of 2.
- 19b Excludes 7,177 acre-feet in 1992, 9,917 acre-feet in 1993, 10,859 acre-feet in 1994, 8,357 acre-feet in 1995, and 10,769 acre-feet in 1996, of allowable additional extraction. See Footnotes 14, 15b, 16b, 17b and 18b on Table 10 Page 1c of 2.
- 20a Excludes 7,152 acre-feet in 1993, 9,107 acre-feet in 1994, 5,799 acre-feet in 1995, 8,390 acre-feet in 1996, and 7,495 acre-feet in 1997 of allowable additional extraction. See Footnotes 15a, 16a, 17a, 18a on Table 10 Page 1c of 2 and 19a on Table 10 Page 1d of 2.
- 20b Excludes 9,917 acre-feet in 1993, 10,859 acre-feet in 1994, 8,357 acre-feet in 1995, 10,769 acre-feet in 1996, and 9,658 acre-feet in 1997 of allowable additional extraction. See Footnotes 15b, 16b, 17b, 18b on Table 10 Page 1c of 2 and 19b on Table 10 Page 1d of 2.
- 21a Excludes 9,107 acre-feet in 1994, 5,799 acre-feet in 1995, 8,390 acre-feet in 1996, 7,495 acre-feet in 1997, and 6,671 acre-feet in 1998 of allowable additional extraction. See Footnotes 16a, 17a, 18a on Table 10 Page 1c of 2 and 19a, 20a on Table 10 Page 1d of 2.
- 21b Excludes 10,859 acre-feet in 1994, 8,357 acre-feet in 1995, 10,769 acre-feet in 1996, 9,658 acre-feet in 1997, and 6,671 acre-feet in 1998 of allowable additional extraction. See Footnotes 16b, 17b, 18b on Table 10 Page 1c of 2 and 19b, 20b on Table 10 Page 1d of 2.
- 22a Excludes 5,799 acre-feet in 1995, 8,390 acre-feet in 1996, 7,495 acre-feet in 1997, 6,671 acre-feet in 1998, and 8,943 acre-feet in 1999 of allowable additional extraction. See Footnotes 17a and 18a on Table 10 Page 1c of 2 and 19a, 20a and 21a on Table 10 Page 1d of 2.
- 22b Excludes 8,357 acre-feet in 1995, 10,769 acre-feet in 1996, 9,658 acre-feet in 1997, 6,671 acre-feet in 1998, and 11,419 acre-feet in 1999 of allowable additional extraction. See Footnotes 17b and 18b on Table 10 Page 1c of 2 and 19b, 20b and 21b on Table 10 Page 1d of 2.

ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
AND DELIVERIES TO EACH SERVICE AREA BY THE CITY OF RIVERSIDE  
(INCLUDING THOSE RIGHTS ACQUIRED AS SUCCESSOR TO THE  
RIVERSIDE WATER COMPANY AND THE GAGE CANAL COMPANY)

- 23a Excludes 8,390 af in 1996, 7,495 af in 1997, 6,671 af in 1998, 8,943 af in 1999, and 11,273 af in 2000 of allowable additional extraction. See Footnotes 18a, 19a, 20a, 21a, and 22a on Table 10 Page 1d of 2.
- 23b Excludes 10,769 af in 1996, 9,658 af in 1997, 6,671 af in 1998, 11,419 af in 1999, and 13,803 af in 2000 of allowable additional export. See Footnotes 18b, 19b, 20b, 21b, and 22b on Table 10 Page 1d of 2.
- 24a Excludes 7,495 af in 1997, 6,671 af in 1998, 8,943 af in 1999, 11,273 af in 2000, and 7,113 af in 2001 of allowable additional extraction. See Footnotes 19a, 20a, 21a, 22a and 23a on Table 10 Page 1d of 2.
- 24b Excludes 9,658 af in 1997, 6,671 af in 1998, 11,419 af in 1999, 13,803 af in 2000, and 9,541 af in 2001 of allowable additional export. See Footnotes 19b, 20b, 21b, 22b, and 23b on Table 10 Page 1d of 2.
- 25a Excludes 6,671 af in 1998, 8,943 af in 1999, 11,273 af in 2000, 7,113 af in 2001 and 13,263 af in 2002 of allowable additional extraction. See Footnotes 20a, 21a, 22a, 23a and 24a on Table 10 Page 1d of 2.
- 25b Excludes 6,671 af in 1999, 11,273 af in 2000, 9,541 af in 2001 and 15,748 af in 2002 of allowable additional export. See Footnotes 20b, 21b, 22b, 23b and 24b on Table 10 Page 1d of 2.
- 26a Excludes 8,943 af in 1999, 11,273 af in 2000, 7,113 af in 2001 and 13,263 af in 2002 of allowable additional extraction. See Footnotes 21a, 22a, 23a and 24a on Table 10 Page 1d of 2.
- 26b Excludes 11,419 af in 1999, 13,803 af in 2000, 9,541 af in 2001 and 15,748 af in 2002 of allowable additional export. See Footnotes 21b, 22b, 23b and 24b on Table 10 Page 1d of 2.
- 27a Excludes 11,273 af in 2000, 7,113 af in 2001, 13,263 af in 2002, and 1,215 in 2004 of allowable additional extraction. See Footnotes 22a, 23a, 24a, and 25a on Table 10 Page 1d of 2.
- 27b Excludes 13,803 af in 2000, 9,541 af in 2001, 15,748 af in 2002, and 3,872 af in 2004 of allowable additional export. See Footnotes 22b, 23b, 24b, and 25b on Table 10 Page 1d of 2.
- 28a Excludes 7,113 af in 2001, 13,263 af in 2002, and 1,215 af in 2004 of allowable additional extraction. See Footnotes 23a, 24a, and 25a on Table 10 Page 1d of 2.
- 28b Excludes 9,541 af in 2001, 15,748 af in 2002, and 3,872 af in 2004 of allowable additional export. See Footnotes 23b, 24b, and 25b on Table 10 Page 1d of 2.
- 29a Excludes 13,263 af in 2002, and 1,215 af in 2004 of allowable additional extraction. See Footnotes 24a and 25a on Table 10 Page 1d of 2.
- 29b Excludes 15,748 af in 2002, and 3,872 af in 2004 of allowable additional export. See Footnotes 24b and 25b on Table 10 Page 1d of 2.
- 30a Includes 2,459 af of State Water Project water imported by Western and transferred to City of Riverside. See Table No. 17A of Watermaster Report.
- 30b Excludes 2,459 af of State Water Project water imported by Western and transferred to City of Riverside. See Table No. 17A of Watermaster Report.

TABLE NO. 11  
 ANNUAL ACCOUNTING OF EXTRACTIIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY RIVERSIDE HIGHLAND WATER COMPANY  
 ANNUAL TOTALS

(All Quantities in Acre-Feet)

Calendar Year	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Maximum Actual	Adjusted Right	Allowable	Maximum Actual	Adjusted Right	Allowable	Maximum Actual	Adjusted Right	Allowable	Maximum Actual
1971	4,399	5,719	4,012	0	0	0	2,509	3,262	2,388	1,890	2,457	1,624
1972	4,294	5,582	4,532	0	0	0	2,449	3,184	2,239	1,845	2,398	2,293
1973	4,294	5,582	3,512	0	0	0	2,449	3,184	1,751	1,845	2,398	1,761
1974	4,294	5,582	4,088	0	0	0	2,449	3,184	1,985	1,845	2,398	2,103
1975	4,294	5,582	4,709	0	0	0	2,449	3,184	2,002	1,845	2,398	2,707
1976	4,294	5,582	4,519	0	0	0	2,449	3,184	2,050	1,845	2,398	2,469
1977	4,294	5,582	3,583	0	0	0	2,449	3,184	1,820	1,845	2,398	1,763
1978	4,294	5,582	1,350	0	0	0	2,449	3,184	1,051	1,845	2,398	299
1979	4,294	5,582	3,369	0	0	0	2,449	3,184	1,781	1,845	2,398	1,588
1980	4,294	5,582	3,677	0	0	0	2,449	3,184	2,060	1,845	2,398	1,617
1981	4,294	5,582	3,604	0	0	0	2,449	3,184	2,151	1,845	2,398	1,453
1982	4,294	5,582	2,795	0	0	0	2,449	3,184	1,775	1,845	2,398	1,020
1983	4,294	5,582	3,161	0	0	0	2,449	3,184	2,318	1,845	2,398	843
1984	4,294	5,582	4,759	0	0	0	2,449	3,184	2,671	1,845	2,398	2,088
1985	4,294	5,582	3,312	0	0	0	2,449	3,184	1,978	1,845	2,398	1,334
1986	4,294	5,582	4,744	0	0	0	2,449	3,184	2,130	1,845	2,398	2,614
1987	4,294	5,582	3,919	0	0	0	2,449	3,184	2,229	1,845	2,398	1,690
1988	4,294	5,582	4,775	0	0	0	2,449	3,184	2,229	1,845	2,398	2,546
1989	4,294	5,582	4,681	0	0	0	2,449	3,184	1,968	1,845	2,398	2,713
1990	4,294	5,582	4,092	0	0	0	2,449	3,184	2,313	1,845	2,398	1,779
1991	4,294	5,582	3,021	0	0	0	2,449	3,184	1,669	1,845	2,398	1,352
1992	4,294	5,582	4,052	0	0	0	2,449	3,184	2,275	1,845	2,398	1,777
1993	4,294	5,582	3,241	0	0	0	2,449	3,184	1,777	1,845	2,398	1,464
1994	4,294	5,582	4,324	0	0	0	2,449	3,184	2,201	1,845	2,398	2,123
1995	4,294	5,582	3,955	0	0	0	2,449	3,184	2,146	1,845	2,398	1,809



TABLE NO. 11  
 ANNUAL ACCOUNTING OF EXTRACTIIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY RIVERSIDE HIGHLAND WATER COMPANY  
 ANNUAL TOTALS

(All Quantities in Acre-Feet)

Calendar Year	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Maximum Actual	Adjusted Right	Allowable	Maximum Actual	Adjusted Right	Allowable	Maximum Actual	Adjusted Right	Allowable	Maximum Actual
1996	4,294	5,582	5,051	0	0	0	2,449	3,184	2,756	1,845	2,398	2,295
1997	4,294	5,582	4,939	0	0	0	2,449	3,184	2,656	1,845	2,398	2,283
1998	4,294	5,582	3,250	0	0	0	2,449	3,184	1,961	1,845	2,398	1,289
1999	4,294	5,582	4,972	0	0	0	2,449	3,184	2,082	1,845	2,398	2,890
2000	4,294	5,582	3,423	0	0	0	2,449	3,184	2,811	1,845	2,398	612
2001	4,294	5,582	2,925	0	0	0	2,449	3,184	2,543	1,845	2,398	382
2002	4,294	5,582	4,310	0	0	0	2,449	3,184	2,272	1,845	2,398	2,038
2003	4,294	5,582	3,881	0	0	0	2,449	3,184	2,036	1,845	2,398	1,845
2004	4,294	5,582	1,754	0	0	0	2,449	3,184	1,301	1,845	2,398	453
2005	4,294	5,582	3,377	0	0	0	2,449	3,184	1,532	1,845	2,398	1,845
2006	4,294	5,582	4,149	0	0	0	2,449	3,184	2,304	1,845	2,398	1,845
2007	4,294	5,582	3,633	0	0	0	2,449	3,184	1,772	1,845	2,398	1,861
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015												

TABLE NO. 11  
ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
AND DELIVERIES TO EACH SERVICE AREA BY RIVERSIDE HIGHLAND WATER COMPANY

See Report of Watermaster, Volume 1A, Table No. 3 - Total production from Volume 1A - Table No. 2.

- 1 Adjusted Right as determined and reported to the Court in the Annual Report of the Western-San Bernardino Watermaster for Calendar Year 1971 in Table No. 9, page 27.
- 2 Maximum Allowable for any one year, not to exceed 130% of Adjusted Right.
- 3 Actual verified extractions from Table No. 3.
- 4 Adjusted Right was not effective until January 1, 1972; thus the Base Right for 1971 is as shown in Appendix B, Table B-1 of the Judgment.
- 5 Includes 463 acre-feet of additional extraction which are allowable under provisions of March 6, 1996, 9th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 6 Includes 463 acre-feet of additional extraction which are allowable under provisions of February 19, 1997, 10th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 7 Includes 463 acre-feet of additional extraction which are allowable under provisions of April 30, 1998, 11th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 8 Includes 2,041 acre-feet of additional extraction which are allowable under provisions of January 19, 1999, 12th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 9 Includes 567 acre-feet of additional extraction which are allowable under provisions of August 16, 2000, 14th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 10 Includes 260 acre-feet of additional extraction which are allowable under provisions of February 7, 2001, 16th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 11 Includes 1,910 acre-feet of additional extraction which are allowable under provisions of February 6, 2002, 18th Amendment to the December 22, 1981 Western-San Bernardino agreement.
- 12 Includes 3 acre-feet of additional extraction which are allowable under provisions of February 6, 2002, 18th Amendment to the December 22, 1981 Western-San Bernardino agreement.

Note: Annual Accounting of Extractions as required in Paragraphs V and VI of the Judgment.

TABLE NO. 11  
 ANNUAL ACCOUNTING OF EXTRactions FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY RIVERSIDE HIGHLAND WATER COMPANY  
 FIVE-YEAR TOTALS

Calendar Years	(All Quantities in Acre-Feet)											
	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual
1971-75	21,575	21,575	20,853	0	0	0	12,305	12,305	10,365	9,270	9,270	10,488
1972-76	21,470	21,470	21,360	0	0	0	12,245	12,245	10,027	9,225	9,225	11,333
1973-77	21,470	21,470	20,411	0	0	0	12,245	12,245	9,608	9,225	9,225	10,803
1974-78	21,470	21,470	18,249	0	0	0	12,245	12,245	8,908	9,225	9,225	9,341
1975-79	21,470	21,470	17,530	0	0	0	12,245	12,245	8,704	9,225	9,225	8,826
1976-80	21,470	21,470	16,498	0	0	0	12,245	12,245	8,762	9,225	9,225	7,736
1977-81	21,470	21,470	15,583	0	0	0	12,245	12,245	8,863	9,225	9,225	6,720
1978-82	21,470	21,470	14,795	0	0	0	12,245	12,245	8,818	9,225	9,225	5,977
1979-83	21,470	21,470	16,606	0	0	0	12,245	12,245	10,085	9,225	9,225	6,521
1980-84	21,470	21,470	17,996	0	0	0	12,245	12,245	10,975	9,225	9,225	7,021
1981-85	21,470	21,470	17,631	0	0	0	12,245	12,245	10,893	9,225	9,225	6,738
1982-86	21,470	21,470	18,771	0	0	0	12,245	12,245	10,872	9,225	9,225	7,899
1983-87	21,470	21,470	19,895	0	0	0	12,245	12,245	11,326	9,225	9,225	8,569
1984-88	21,470	21,470	21,509	0	0	0	12,245	12,245	11,237	9,225	9,225	10,272
1985-89	21,470	21,470	21,431	0	0	0	12,245	12,245	10,534	9,225	9,225	10,897
1986-90	21,470	21,470	22,211	0	0	0	12,245	12,245	10,869	9,225	9,225	11,342
1987-91	21,470	21,470	20,488	0	0	0	12,245	12,245	10,408	9,225	9,225	10,080
1988-92	21,470	21,470	20,621	0	0	0	12,245	12,245	10,454	9,225	9,225	10,167
1989-93	21,470	21,470	19,087	0	0	0	12,245	12,245	10,002	9,225	9,225	9,085
1990-94	21,470	21,470	18,730	0	0	0	12,245	12,245	10,235	9,225	9,225	8,495
1991-95	21,470	21,470	18,593	0	0	0	12,245	12,245	10,068	9,225	9,225	8,525
1992-96	21,470	21,470	20,160	0	0	0	12,245	12,245	11,155	9,225	9,225	9,005
1993-97	21,470	21,470	20,584	0	0	0	12,245	12,245	11,536	9,225	9,225	9,048
1994-98	21,470	21,470	20,130	0	0	0	12,245	12,245	11,720	9,225	9,225	8,410
1995-99	21,470	21,470	18,737	0	0	0	12,245	12,245	11,601	9,225	9,225	7,136

TABLE NO. 11  
 ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY RIVERSIDE HIGHLAND WATER COMPANY  
 FIVE-YEAR TOTALS

(All Quantities in Acre-Feet)

Calendar Years	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Maximum Allowable	Actual	Adjusted Right	Maximum Allowable	Actual	Adjusted Right	Maximum Allowable	Actual	Adjusted Right	Maximum Allowable	Actual
1996-00	21,470	21,470	17,638	0	0	0	12,245	12,245	12,266	9,225	9,225	5,372
1997-01	21,470	21,470	15,715	0	0	0	12,245	12,245	12,053	9,225	9,225	3,662
1998-02	21,470	21,470	13,639	0	0	0	12,245	12,245	11,669	9,225	9,225	1,970
1999-03	21,470	21,470	14,730	0	0	0	12,245	12,245	11,744	9,225	9,225	2,986
2000-04	21,470	21,470	13,553	0	0	0	12,245	12,245	10,963	9,225	9,225	2,590
2001-05	21,470	21,470	14,074	0	0	0	12,245	12,245	9,684	9,225	9,225	4,390
2002-06	21,470	21,470	15,558	0	0	0	12,245	12,245	9,445	9,225	9,225	6,113
2003-07	21,470	21,470	16,791	0	0	0	12,245	12,245	8,945	9,225	9,225	7,846
2004-08												
2005-09												
2006-10												
2007-11												
2008-12												
2009-13												
2010-14												
2011-15												
Excess Extractions 2003-07		(4,679) *			0			(3,300) *			(1,379) *	

## TABLE NO. 11

ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
AND DELIVERIES TO EACH SERVICE AREA BY RIVERSIDE HIGHLAND WATER COMPANY

- 1 Adjusted Right as determined and reported to the Court in the Annual Report of the Western-San Bernardino Watermaster for Calendar Year 1971 in Table No. 9, page 27
- 2 Maximum allowable for the five-year period is the same as the five-year-period Adjusted Right.
- 3 Actual verified extractions from Table No. 3.
- 4 Adjusted Right was not effective until January 1, 1972; thus the Adjusted Right for the period 1971-75 is more than the Adjusted Right for subsequent five-year periods
- 5 Excludes 463 acre-feet in 1996 and 463 acre-feet in 1997 of allowable additional extraction. See Footnote 5 on Table 11 Page 1c of 2.
- 6 Excludes 463 acre-feet in 1996, 463 acre-feet in 1997, and 463 acre-feet in 1998 of allowable additional extraction. See Footnotes 5, 6, and 7 on Table 11 Page 1c of 2
- 7 Excludes 463 acre-feet in 1996, 463 acre-feet in 1997, 463 acre-feet in 1998, and 2,041 acre-feet in 1999 of allowable additional extraction. See Footnotes 5, 6, 7, and 8 on Table 11 Page 1c of 2
- 8 Excludes 463 acre-feet in 1996, 463 acre-feet in 1997, 463 acre-feet in 1998, 2,041 acre-feet in 1999 and 567 acre-feet in 2000 of allowable additional extraction. See Footnotes 5, 6, 7, 8, and 9 on Table 11 Page 1c of 2.
- 9 Excludes 463 acre-feet in 1997, 463 acre-feet in 1998, 2,041 acre-feet in 1999, 567 acre-feet in 2000 and 260 acre-feet in 2001 of allowable additional extraction. See Footnotes 6, 7, 8, 9 and 10 on Table 11 Page 1c of 2.
- 10 Excludes 463 acre-feet in 1997, 463 acre-feet in 1998, 2,041 acre-feet in 1999, 567 acre-feet in 2000, 260 acre-feet in 2001 and 1,910 acre-feet in 2002 of allowable additional extraction. See Footnotes 7, 8, 9, 10 and 11 on Table 11 Page 1c of 2.
- 11 Excludes 2,041 acre-feet in 1998, 2,041 acre-feet in 1999, 567 acre-feet in 2000, 260 acre-feet in 2001, 1,910 acre-feet in 2002 and 3 acre-feet in 2003 of allowable additional extraction. See Footnotes 8, 9, 10, 11 and 12 on Table 11 Page 1c of 2.
- 12 Excludes 2,041 acre-feet in 1999, 567 acre-feet in 2000, 260 acre-feet in 2001, 1,910 acre-feet in 2002 and 3 acre-feet in 2003 of allowable additional extraction. See Footnotes 9, 10, 11 and 12 on Table 11 Page 1c of 2
- 13 Excludes 567 acre-feet in 2000, 260 acre-feet in 2001, 1,910 acre-feet in 2002 and 3 acre-feet in 2003 of allowable additional extraction. See Footnotes 10, 11 and 12 on Table 11 Page 1c of 2
- 14 Excludes 260 acre-feet in 2001, 1,910 acre-feet in 2002 and 3 acre-feet in 2003 of allowable additional extraction. See Footnotes 10, 11 and 12 on Table 11 Page 1c of 2

\* Parentheses indicate that actual extractions are less than Adjusted Right.

TABLE NO. 12  
 ANNUAL ACCOUNTING OF EXTRACTIIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY  
 AGUA MANSA WATER COMPANY AND MEEKS & DALEY WATER COMPANY  
 ANNUAL TOTALS  
 (All Quantities in Acre-Feet)

Calendar Year	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual
1971	8,026	10,434	2,902	0	0	0	325	423	383	7,700	10,010	2,519
1972	7,833	10,183	3,527	0	0	0	318	413	377	7,515	9,770	3,150
1973	7,833	10,183	2,979	0	0	0	318	413	250	7,515	9,770	2,729
1974	7,833	10,183	4,504	0	0	0	318	413	246	7,515	9,770	4,258
1975	7,833	10,183	3,950	0	0	0	318	413	168	7,515	9,770	3,782
1976	7,833	10,183	5,393	0	0	0	318	413	182	7,515	9,770	5,211
1977	7,833	10,183	4,220	0	0	0	318	413	146	7,515	9,770	4,074
1978	7,833	10,183	2,254	0	0	0	318	413	161	7,515	9,770	2,093
1979	7,833	10,183	3,930	0	0	0	318	413	166	7,515	9,770	3,764
1979	7,833	10,183	2,333	0	0	0	318	413	323	7,515	9,770	2,010
1981	7,833	10,183	3,092	0	0	0	318	413	358	7,515	9,770	2,734
1982	7,833	10,183	3,716	0	0	0	318	413	169	7,515	9,770	3,547
1983	7,833	10,183	2,651	0	0	0	318	413	245	7,515	9,770	2,406
1984	7,833	10,183	5,165	0	0	0	318	413	233	7,515	9,770	4,932
1985	7,833	10,183	5,385	0	0	0	318	413	210	7,515	9,770	5,175
1986	7,833	10,183	5,570	0	0	0	318	413	234	7,515	9,770	5,336
1987	7,833	10,183	4,914	0	0	0	318	413	193	7,515	9,770	4,721
1988	7,833	10,183	4,966	0	0	0	318	413	233	7,515	9,770	4,733
1989	7,833	10,183	5,392	0	0	0	318	413	240	7,515	9,770	5,152
1990	7,833	10,183	3,851	0	0	0	318	413	83	7,515	9,770	3,768
1991	7,833	10,183	4,426	0	0	0	318	413	190	7,515	9,770	4,236
1992	7,833	10,183	4,100	0	0	0	318	413	118	7,515	9,770	3,982
1993	7,833	10,183	5,013	0	0	0	318	413	276	7,515	9,770	4,737
1994	7,833	10,183	4,525	0	0	0	318	413	227	7,515	9,770	4,298
1995	7,833	10,183	3,560	0	0	0	318	413	145	7,515	9,770	3,415

TABLE NO. 12  
 ANNUAL ACCOUNTING OF EXTRACTIIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY  
 AGUA MANSA WATER COMPANY AND MEEKS & DALEY WATER COMPANY  
 ANNUAL TOTALS  
 (All Quantities in Acre-Feet)

Calendar Year	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual
1996	7,833	10,183	3,912	0	0	0	318	413	194	7,515	9,770	3,718
1997	7,833	10,183	4,165	0	0	0	318	413	137	7,515	9,770	4,028
1998	7,833	10,183	3,828	0	0	0	318	413	210	7,515	9,770	3,618
1999	7,833	10,183	6,289	0	0	0	318	413	90	7,515	9,770	6,199
2000	7,833	10,183	3,832	0	0	0	318	413	352	7,515	9,770	3,480
2001	7,833	10,183	3,671	0	0	0	318	413	192	7,515	9,770	3,479
2002	7,833	10,183	5,800	0	0	0	318	413	202	7,515	9,770	5,598
2003	7,833	10,183	7,440	0	0	0	318	413	49	7,515	9,770	7,391
2004	7,833	10,183	3,782	0	0	0	318	413	19	7,515	9,770	3,763
2005	7,833	10,183	5,891	0	0	0	318	413	4	7,515	9,770	5,887
2006	7,833	10,183	7,515	0	0	0	318	413	0	7,515	9,770	7,515
2007	7,833	10,183	7,591	0	0	0	318	413	0	7,515	9,770	7,591
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015												

See Report of Watermaster, Volume 1A, Table No. 3.

1 Adjusted Right as determined and reported to the Court in the Annual Report of the Western-San Bernardino Watermaster for Calendar Year 1971 in Table No. 9, page 27.

2 Maximum Allowable for any one year, not to exceed 130% of Adjusted Right.

3 Actual verified extractions from Table No. 3.

4 Adjusted Right was not effective until January 1, 1972; thus the Base Right for 1971 is as shown in Appendix B, Table B-1 of the Judgment.

Note: Annual Accounting of Extractions as required in Paragraphs V and VI of the Judgment.

TABLE NO. 12  
 ANNUAL ACCOUNTING OF EXTRactions FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY  
 AGUA MANSA WATER COMPANY AND MEEKS & DALEY WATER COMPANY  
 FIVE-YEAR TOTALS  
 (All Quantities in Acre-Feet)

Calendar Years	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual
1971-75	39,358	39,358	17,862	0	0	0	1,597	1,597	1,424	37,760	37,760	16,438
1972-76	39,165	39,165	20,353	0	0	0	1,590	1,590	1,223	37,575	37,575	19,130
1973-77	39,165	39,165	21,046	0	0	0	1,590	1,590	992	37,575	37,575	20,054
1974-78	39,165	39,165	20,321	0	0	0	1,590	1,590	903	37,575	37,575	19,418
1975-79	39,165	39,165	19,747	0	0	0	1,590	1,590	823	37,575	37,575	18,924
1976-80	39,165	39,165	18,130	0	0	0	1,590	1,590	978	37,575	37,575	17,152
1977-81	39,165	39,165	15,829	0	0	0	1,590	1,590	1,154	37,575	37,575	14,675
1978-82	39,165	39,165	15,325	0	0	0	1,590	1,590	1,177	37,575	37,575	14,148
1979-83	39,165	39,165	15,722	0	0	0	1,590	1,590	1,261	37,575	37,575	14,461
1980-84	39,165	39,165	16,957	0	0	0	1,590	1,590	1,328	37,575	37,575	15,629
1981-85	39,165	39,165	20,009	0	0	0	1,590	1,590	1,215	37,575	37,575	18,794
1982-86	39,165	39,165	22,487	0	0	0	1,590	1,590	1,091	37,575	37,575	21,396
1983-87	39,165	39,165	23,685	0	0	0	1,590	1,590	1,115	37,575	37,575	22,570
1984-88	39,165	39,165	26,000	0	0	0	1,590	1,590	1,103	37,575	37,575	24,897
1985-89	39,165	39,165	26,227	0	0	0	1,590	1,590	1,110	37,575	37,575	25,117
1986-90	39,165	39,165	24,693	0	0	0	1,590	1,590	983	37,575	37,575	23,710
1987-91	39,165	39,165	23,549	0	0	0	1,590	1,590	939	37,575	37,575	22,610
1988-92	39,165	39,165	22,735	0	0	0	1,590	1,590	864	37,575	37,575	21,871
1989-93	39,165	39,165	22,782	0	0	0	1,590	1,590	907	37,575	37,575	21,875
1990-94	39,165	39,165	21,915	0	0	0	1,590	1,590	894	37,575	37,575	21,021
1991-95	39,165	39,165	21,624	0	0	0	1,590	1,590	956	37,575	37,575	20,668
1992-96	39,165	39,165	21,110	0	0	0	1,590	1,590	960	37,575	37,575	20,150
1993-97	39,165	39,165	21,175	0	0	0	1,590	1,590	979	37,575	37,575	20,196
1994-98	39,165	39,165	19,990	0	0	0	1,590	1,590	913	37,575	37,575	19,077
1995-99	39,165	39,165	21,754	0	0	0	1,590	1,590	776	37,575	37,575	20,978



TABLE NO. 12  
 ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY  
 AGUA MANSA WATER COMPANY AND MEEKS & DALEY WATER COMPANY  
 FIVE-YEAR TOTALS  
 (All Quantities in Acre-Feet)

Calendar Years	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual
1996-00	39,165	39,165	22,026	0	0	0	1,590	1,590	983	37,575	37,575	21,043
1997-01	39,165	39,165	21,785	0	0	0	1,590	1,590	981	37,575	37,575	20,804
1998-02	39,165	39,165	23,420	0	0	0	1,590	1,590	1,046	37,575	37,575	22,374
1999-03	39,165	39,165	27,032	0	0	0	1,590	1,590	885	37,575	37,575	26,147
2000-04	39,165	39,165	24,525	0	0	0	1,590	1,590	814	37,575	37,575	23,711
2001-05	39,165	39,165	26,584	0	0	0	1,590	1,590	466	37,575	37,575	26,118
2002-06	39,165	39,165	30,428	0	0	0	1,590	1,590	274	37,575	37,575	30,154
2003-07	39,165	39,165	32,219	0	0	0	1,590	1,590	72	37,575	37,575	32,147
2004-08												
2005-09												
2006-10												
2007-11												
2008-12												
2009-13												
2010-14												
2011-15												
Excess Extractions		(6,946) *			0 *			(1,518) *			(5,428) *	
2003-07												

1 Adjusted Right as determined and reported to the Court in the Annual Report of the Western-San Bernardino Watermaster for Calendar Year 1971 in Table No. 9, page 27.

2 Maximum allowable for the five-year period is the same as the five-year-period Adjusted Right.

3 Actual verified extractions from Table No. 3.

4 Adjusted Right was not effective until January 1, 1972; thus the Adjusted Right for the period 1971-75 is more than the Adjusted Right for subsequent five-year periods.

\* Parentheses indicate that actual extractions are less than Adjusted Right.

TABLE NO. 13  
 ANNUAL ACCOUNTING OF EXTRACTIIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY  
 THE REGENTS OF UNIVERSITY OF CALIFORNIA  
 ANNUAL TOTALS  
 (All Quantities in Acre-Feet)

Calendar Year	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley					
	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual			
1971	581	4	755	0	4	0	0	4	0	0	0	581	4	755	219
1972	536	5	697	0	0	0	0	0	0	0	0	536	5	697	239
1973	536	5	697	0	0	0	0	0	0	0	0	536	5	697	239
1974	536	5	697	0	0	0	0	0	0	0	0	536	5	697	267
1975	536	5	697	0	0	0	0	0	0	0	0	536	5	697	179
1976	536	5	697	0	0	0	0	0	0	0	0	536	5	697	245
1977	536	5	697	0	0	0	0	0	0	0	0	536	5	697	87
1978	536	5	697	0	0	0	0	0	0	0	0	536	5	697	183
1979	536	5	697	0	0	0	0	0	0	0	0	536	5	697	83
1980	536	5	697	0	0	0	0	0	0	0	0	536	5	697	7
1981	536	5	697	0	0	0	0	0	0	0	0	536	5	697	143
1982	536	5	697	0	0	0	0	0	0	0	0	536	5	697	48
1983	536	5	697	0	0	0	0	0	0	0	0	536	5	697	0
1984	536	5	697	0	0	0	0	0	0	0	0	536	5	697	0
1985	536	5	697	0	0	0	0	0	0	0	0	536	5	697	0
1986	536	5	697	0	0	0	0	0	0	0	0	536	5	697	48
1987	536	5	697	0	0	0	0	0	0	0	0	536	5	697	195
1988	536	5	697	0	0	0	0	0	0	0	0	536	5	697	179
1989	536	5	697	0	0	0	0	0	0	0	0	536	5	697	62
1990	536	5	697	0	0	0	0	0	0	0	0	536	5	697	95
1991	536	5	697	0	0	0	0	0	0	0	0	536	5	697	23
1992	536	5	697	0	0	0	0	0	0	0	0	536	5	697	32
1993	536	5	697	0	0	0	0	0	0	0	0	536	5	697	0
1994	536	5	697	0	0	0	0	0	0	0	0	536	5	697	0
1995	536	5	697	0	0	0	0	0	0	0	0	536	5	697	0

TABLE NO. 13  
 ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY  
 THE REGENTS OF UNIVERSITY OF CALIFORNIA

ANNUAL TOTALS

(All Quantities in Acre-Feet)

Calendar Year	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual
1996	536	5	445	0	0	0	0	0	0	536	5	445
1997	536	5	505	0	0	0	0	0	0	536	5	505
1998	536	5	590	0	0	0	0	0	0	536	5	590
1999	536	5	586	0	0	0	0	0	0	536	5	586
2000	536	5	624	0	0	0	0	0	0	536	5	624
2001	536	5	617	0	0	0	0	0	0	536	5	617
2002	536	5	618	0	0	0	0	0	0	536	5	618
2003	536	5	536	0	0	0	0	0	0	536	5	536
2004	536	5	618	0	0	0	0	0	0	536	5	618
2005	536	5	536	0	0	0	0	0	0	536	5	536
2006	536	5	536	0	0	0	0	0	0	536	5	536
2007	536	5	536	0	0	0	0	0	0	536	5	536
2008												
2009												
2010												
2011												
2012												
2013												
2014												
2015												

TABLE NO. 13  
 ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY  
 THE REGENTS OF UNIVERSITY OF CALIFORNIA

- See Report of Watermaster, Volume 1A, Table No. 3.
- 1 Adjusted Right as determined and reported to the Court in the Annual Report of the Western-San Bernardino Watermaster for Calendar Year 1971 in Table No. 9, page 27.
  - 2 Maximum Allowable for any one year, not to exceed 130% of Adjusted Right.
  - 3 Actual verified extractions from Table No. 3.
  - 4 Adjusted Right was not effective until January 1, 1972; thus the Base Right for 1971 is as shown in Appendix B, Table B-1 of the Judgment.
  - 5 See Footnote 2 of Table on Page 31.
  - 6 Includes 58 acre-feet of additional extraction which are allowable under provisions of February 19, 1997, 10th Amendment to the December 22, 1981 Western-San Bernardino agreement.
  - 7 Includes 54 acre-feet of additional extraction which are allowable under provisions of April 30, 1998, 11th Amendment to the December 22, 1981 Western-San Bernardino agreement.
  - 8 Includes 50 acre-feet of additional extraction which are allowable under provisions of January 19, 1999, 13th Amendment to the December 22, 1981 Western-San Bernardino agreement.
  - 9 Includes 88 acre-feet of additional extraction which are allowable under provisions of May 16, 2000, 15th Amendment to the December 22, 1981 Western-San Bernardino agreement.
  - 10 Includes 81 acre-feet of additional extraction which are allowable under provisions of February 7, 2001, 17th Amendment to the December 22, 1981 Western-San Bernardino agreement.
  - 11 Includes 82 acre-feet of additional extraction which are allowable under provisions of February 6, 2002, 19th Amendment to the December 22, 1981 Western-San Bernardino agreement.
  - 12 Includes 82 acre-feet of additional extraction which are allowable under provisions of August 18, 2004, 21st Amendment to the December 22, 1981 Western-San Bernardino agreement.
- Note: Annual Accounting of Extractions as required in Paragraphs V and VI of the Judgment.



TABLE NO. 13  
 ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
 AND DELIVERIES TO EACH SERVICE AREA BY  
 THE REGENTS OF UNIVERSITY OF CALIFORNIA  
 FIVE-YEAR TOTALS  
 (All Quantities in Acre-Feet)

Calendar Years	Verified Extractions from the San Bernardino Basin Area			Delivery to San Bernardino Basin Area			Delivery to Colton Basin and Riverside Basin Areas in San Bernardino County			Delivery to Areas Outside San Bernardino Valley		
	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual	Adjusted Right	Allowable	Actual
1996-00	2,680	2,680	2,500	0	0	0	0	0	0	2,680	2,680	2,500
1997-01	2,680	2,680	2,591	0	0	0	0	0	0	2,680	2,680	2,591
1998-02	2,680	2,680	2,680	0	0	0	0	0	0	2,680	2,680	2,680
1999-03	2,680	2,680	2,680	0	0	0	0	0	0	2,680	2,680	2,680
2000-04	2,680	2,680	2,680	0	0	0	0	0	0	2,680	2,680	2,680
2001-05	2,680	2,680	2,680	0	0	0	0	0	0	2,680	2,680	2,680
2002-06	2,680	2,680	2,680	0	0	0	0	0	0	2,680	2,680	2,680
2003-07	2,680	2,680	2,680	0	0	0	0	0	0	2,680	2,680	2,680
2004-08												
2005-09												
2006-10												
2007-11												
2008-12												
2009-13												
2010-14												
2011-15												
Excess Extractions												
2003-07		0	*		0	*		0	*		0	*

## TABLE NO. 13

ANNUAL ACCOUNTING OF EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA  
AND DELIVERIES TO EACH SERVICE AREA BY  
THE REGENTS OF UNIVERSITY OF CALIFORNIA

- 1 Adjusted Right as determined and reported to the Court in the Annual Report of the Western-San Bernardino Watermaster for Calendar Year 1971 in Table No. 9, page 27.
- 2 Maximum allowable for the five-year period is the same as the five-year-period Adjusted Right.
- 3 Actual verified extractions from Table No. 3.
- 4 Adjusted Right was not effective until January 1, 1972; thus the Adjusted Right for the period 1971-75 is more than the Adjusted Right for subsequent five-year periods.
- 5 Excludes 58 acre-feet in 1997 and 54 acre-feet in 1998 of allowable additional extraction. See Footnote 6 on Table 13 Page 1c of 2.
- 6 Excludes 58 acre-feet in 1997, 54 acre-feet in 1998 and 50 acre-feet in 1999 of allowable additional extraction. See Footnotes 6 and 7 on Table 13 Page 1c of 2.
- 7 Excludes 58 acre-feet in 1997, 54 acre-feet in 1998, 50 acre-feet in 1999 and 88 acre-feet of allowable additional extraction. See Footnotes 6-8 on Table 13 Page 1c of 2.
- 8 Excludes 58 acre-feet in 1997, 54 acre-feet in 1998, 50 acre-feet in 1999 and 81 acre-feet in 2001 of allowable additional extraction. See Footnotes 6-10 on Table 13 Page 1c of 2.
- 9 Excludes 58 acre-feet in 1998, 50 acre-feet in 1999, 88 acre-feet in 2000 and 82 acre-feet in 2002 of allowable additional extraction. See Footnotes 7-11 on Table 13 Page 1c of 2.
- 10 Excludes 88 acre-feet in 2000, 81 acre-feet in 2001 and 82 acre-feet in 2002 of allowable additional extraction. See Footnotes 8-11 on Table 13 Page 1c of 2.
- 11 Excludes 81 acre-feet in 2001, 82 acre-feet in 2002, and 82 acre-feet in 2004 of allowable additional extraction. See Footnotes 9-11 on Table 13 Page 1c of 2.
- 12 Excludes 82 acre-feet in 2002, and 82 acre-feet in 2004 of allowable additional extraction. See Footnotes 10-12 on Table 13 Page 1c of 2.
- 13 Excludes 82 acre-feet in 2002, and 82 acre-feet in 2004 of allowable additional extraction. See Footnotes 11-12 on Table 13 Page 1c of 2.
- 14 Excludes 82 acre-feet in 2004 of allowable additional extraction. See Footnotes 11-12 on Table 13 Page 1c of 2.
- 15 Excludes 82 acre-feet in 2004 of allowable additional extraction. See Footnotes 11-12 on Table 13 Page 1c of 2.

\* Parentheses indicate that actual extractions are less than Adjusted Right.

TABLE NO. 14

ANNUAL ACCOUNTING FOR  
 WESTERN MUNICIPAL WATER DISTRICT  
 EXPORT OF EXTRACTATIONS FROM SAN BERNARDINO BASIN AREA,  
 COLTON BASIN AREA, AND RIVERSIDE BASIN AREA  
 FOR USE WITHIN WESTERN ON LANDS THAT ARE NOT TRIBUTARY  
 TO THE RIVERSIDE NARROWS  
 (All Values in Acre-Feet)

		Calendar Years				
		2003	2004	2005	2006	2007
<b>EXPORTS</b>						
Adjusted Right		42,535	42,535	42,535	42,535	42,535
Actual Export	<b>1</b>	36,436	36,353	35,956	36,810	36,279
ACCUMULATED EXPORT	<b>3</b>	1,146,931	1,183,284	1,219,240	1,256,050	1,292,329
<b>OBLIGATIONS</b>						
New Export	<b>2</b>	(6,099)	(6,182)	(6,579)	(5,725)	(6,256)
ACCUMULATED NEW EXPORT	<b>3</b>	(256,724)	(262,906)	(269,485)	(275,210)	(281,466)

**1 See Table 8 of Watermaster Report.**

**2 Actual Export minus Adjusted Right, Parentheses indicate that the Actual Export is less than the Adjusted Right.**

**3 Accumulated values include amounts accumulated prior to Current 5-year Period.**



TABLE NO. 15

ANNUAL ACCOUNTING FOR  
 SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT  
 EXPORT OF EXTRACTATIONS FROM SAN BERNARDINO BASIN AREA  
 AND COLTON BASIN AREA FOR USE ON LANDS  
 NOT WITHIN WESTERN NOR TRIBUTARY  
 TO THE RIVERSIDE NARROWS  
 (All Values in Acre-Feet)

	Calendar Years				
	2003	2004	2005	2006	2007
<b>EXPORTS</b>					
Adjusted Right	12,527	12,527	12,527	12,527	12,527
Actual Export <sup>1</sup>	17,580	18,625	27,559	31,754	28,418
ACCUMULATED EXPORT	781,407	800,032	827,591	859,345	887,763
<b>OBLIGATIONS</b>					
New Export <sup>2</sup>	5,053	6,098 <sup>4</sup>	15,032	19,227	15,891
ACCUMULATED NEW EXPORT <sup>3</sup>	368,016	374,114	389,146	408,373	424,264

**1 See Table 9.**

**2 Actual Export minus Adjusted Right.**

**3 Accumulated values include amounts accumulated prior to Current 5-year Period.**

**4 Includes 6,098 acre-feet of additional water exported under provisions of the August 18, 2004 20th Amendment or the August 18, 2004 21st Amendment to the December 22, 1981 Western-San Bernardino agreement prepared in accordance with paragraph VI(b)6 of the Judgment.**

ANNUAL ACCOUNTING FOR  
WESTERN MUNICIPAL WATER DISTRICT  
EXTRACTIONS FROM COLTON BASIN AREA  
FOR USE OUTSIDE SAN BERNARDINO VALLEY

(All Values in Acre-Feet)

		Calendar Years				
		2003	2004	2005	2006	2007
<b>EXTRACTIONS</b>						
Base Right	1	3,381	3,381	3,381	3,381	3,381
Actual Extractions	1	1,062	172	84	412	742
ACCUMULATED EXTRACTIONS	4	43,135	43,307	43,391	43,803	44,545
<b>CREDITS</b>						
Extraction	2	2,319	3,209	3,297	2,969	2,639
Total Credits		2,319	3,209	3,297	2,969	2,639
ACCUMULATED CREDITS	4	68,930	72,139	75,436	78,405	81,044
<b>OBLIGATIONS</b>						
Excess Extractions	3	0	0	0	0	0
Total Obligations		0	0	0	0	0
ACCUMULATED OBLIGATIONS	4	492	492	492	492	492
NET ACCUMULATED (CREDIT) OR OBLIGATION	4	(68,438)	(71,647)	(74,944)	(77,913)	(80,552)

1 See Table 4.

2 Amounts which may be extracted without replenishment obligation, which in fact are not extracted, Equal to Base Right minus Actual Extraction

3 Actual Extraction minus Base Right.

4 Accumulated values include amounts accumulated prior to Current 5-year Period.

ANNUAL ACCOUNTING FOR  
WESTERN MUNICIPAL WATER DISTRICT  
EXTRACTIONS FROM  
RIVERSIDE BASIN AREA  
IN SAN BERNARDINO COUNTY  
FOR USE OUTSIDE SAN BERNARDINO VALLEY  
(All Values in Acre-Feet)

		Calendar Years				
		2003	2004	2005	2006	2007
<b>EXTRACTIONS</b>						
Base Right	1	21,085	21,085	21,085	21,085	21,085
Actual Extractions	1	9,236	6,722	9,400	12,869	8,603
ACCUMULATED						
EXTRACTIONS	4	405,417	412,139	421,539	434,408	443,011
<b>CREDITS</b>						
Extraction	2	11,849	14,363	11,685	8,216	12,482
Total Credits		11,849	14,363	11,685	8,216	12,482
ACCUMULATED						
CREDITS	4	290,388	304,751	316,436	324,652	337,134
<b>OBLIGATIONS</b>						
Excess Extractions	3	0	0	0	0	0
Total Obligations		0	0	0	0	0
ACCUMULATED						
OBLIGATIONS	4	0	0	0	0	0
<b>NET ACCUMULATED (CREDIT) OR OBLIGATION</b>						
	4	(290,388)	(304,751)	(316,436)	(324,652)	(337,134)

1 See Table 5.

2 Amounts which may be extracted without replenishment obligation, which in fact are not extracted, Equal to Base Right minus Actual Extraction

3 Actual Extraction minus Base Right.

4 Accumulated values include amounts accumulated prior to Current 5-year Period.

ANNUAL ACCOUNTING FOR  
WESTERN MUNICIPAL WATER DISTRICT  
EXTRACTIONS FROM  
RIVERSIDE BASIN AREA  
IN RIVERSIDE COUNTY  
FOR USE OUTSIDE SAN BERNARDINO VALLEY  
(All Values in Acre-Feet)

		Calendar Years				
		2003	2004	2005	2006	2007
<b>EXTRACTIONS</b>						
Base Right	1	29,633	29,633	29,633	29,633	29,633
Actual Extractions	1	30,957	35,530	32,737	31,026	38,232
<b>ACCUMULATED</b>						
EXTRACTIONS	6	955,679	991,209	1,023,946	1,054,972	1,093,204
<b>CREDITS</b>						
Extraction	2	0	0	0	0	0
Return from imported water		2,033	2,923	2,995	2,776	2,171
Return from Additional						
Local Water	7	0	0	0	0	0
Total Credits		2,033	2,923	2,995	2,776	2,171
<b>ACCUMULATED</b>						
CREDITS	6	97,496	100,419	103,414	106,190	108,361
<b>OBLIGATIONS</b>						
Excess Extractions	3	1,324	5,897	3,104	1,393	8,599
New Export	4	0	0	0	0	0
Land Use Conversion	5	579	579	579	579	579
Total Obligations		1,903	6,476	3,683	1,972	9,178
<b>ACCUMULATED</b>						
OBLIGATIONS	6	62,427	68,903	72,586	74,558	83,736
<b>NET ACCUMULATED (CREDIT)</b>						
OR OBLIGATION	6	(35,069)	(31,516)	(30,828)	(31,632)	(24,625)

1 See Table 6.

2 Amounts which may be extracted without replenishment obligation, which in fact are not extracted, Equal to Base Right minus Actual Extraction.

3 Actual Extraction minus Base Right.

4 See Table 14. To account for effect of New Export, 36% of [Total New Export less Total Excess Extractions] if greater than 0.

5 See Table 7.

6 Accumulated values include amounts accumulated prior to Current 5-year Period.

7 36% of [Actual Extractions (for Colton, Riverside North, and Riverside South Basins) less Actual Export less 11,564]

ANNUAL ACCOUNTING FOR  
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT  
EXTRACTIONS FROM SAN BERNARDINO BASIN AREA  
(All Values in Acre-Feet)

	Calendar Years					
	2003	2004	2005	2006	2007	
<b>EXTRACTIONS</b>						
Adjusted Right	1	167,238	167,238	167,238	167,238	167,238
Actual Extractions	1	170,018	167,238 11a	189,326	205,507	193,548
<b>ACCUMULATED</b>						
EXTRACTIONS	5	5,420,394	5,587,632	5,776,958	5,982,465	6,176,013
Under Extractions		0	0	0	0	0
Excess Extractions	3	2,780	0	22,088	38,269	26,310
<b>TOTAL NEW EXPORT</b>	4	<u>5,053</u>	<u>0 11b</u>	<u>15,032</u>	<u>19,227</u>	<u>15,891</u>
From Safe Yield		2,273	0	0	0	0
From Excess Extractions		2,780	0	15,032	19,227	15,891
<b>CREDITS</b>						
Under Extraction	2	0	0	0	0	0
Replenishment		8,723 6	220 7	2,372 8	6,050 9	7,265 10
Return from Imported Water		4,332 12	2,307 13	1,305 14	1,490 15	2,354 16
Return from Excess Extractions Used in SBBA		<u>0</u>	<u>0</u>	<u>0</u>	<u>3,033</u>	<u>3,369</u>
Total Credits		13,055	2,527	3,677	10,573	12,988
<b>ACCUMULATED</b>						
CREDITS	5	399,303	401,830	405,507	416,080	429,068
<b>OBLIGATIONS</b>						
Excess Extractions less New Export from Excess Extractions if > 0		0	0	7,056	19,042	10,419
New Export	4					
from Safe Yield (36%)		818	0	0	0	0
from Excess Extractions		<u>2,780</u>	<u>0</u>	<u>15,032</u>	<u>19,227</u>	<u>15,891</u>
Total Obligations		3,598	0	22,088	38,269	26,310
<b>ACCUMULATED</b>						
OBLIGATIONS	5	118,901	118,901	140,989	179,258	205,568
<b>NET ACCUMULATED (CREDIT) OR OBLIGATION</b>						
	5	(280,402)	(282,929)	(264,518)	(236,822)	(223,500)

1 See Table 2 of Watermaster Report.

2 Amounts which may be extracted without replenishment obligation, which in fact are not extracted, Equal to Adjusted Right minus Adjusted Extractions.

3 Adjusted Extractions minus Adjusted Right.

4 See Table 15 of Watermaster Report.

5 Accumulated values include amounts accumulated prior to Current 5-year Period.

ANNUAL ACCOUNTING FOR  
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT  
EXTRACTIONS FROM SAN BERNARDINO BASIN AREA

- 6 Total import of State Water Project water in 2003 by SBVMWD was 56,153 acre-feet. However, only this portion was recharged in the SBBA.
- 7 Total import of State Water Project water in 2004 by SBVMWD was 28,628 acre-feet. However, only this portion was recharged in the SBBA.
- 8 Total import of State Water Project water in 2005 by SBVMWD was 32,848 acre-feet. However, only this portion was recharged in the SBBA.
- 9 Total import of State Water Project water in 2006 by SBVMWD was 35,329 acre-feet. However, only this portion was recharged in the SBBA.
- 10 Total import of State Water Project water in 2007 by SBVMWD was 56,406 acre-feet. However, only this portion was recharged in the SBBA.
- 11a Excludes 10,871 acre-feet of additional water extracted under provisions of the August 18, 2004, 21st Amendment to the December 22, 1981 Western-San Bernardino agreements prepared in accordance with paragraph VI(b)6 of the Judgment.
- 11b Excludes 6,098 acre-feet of additional water exported under provisions of the August 18, 2004, 21st Amendment to the December 22, 1981 Western-San Bernardino agreements prepared in accordance with paragraph VI(b)6 of the Judgment.
- 12 12,033 acre-feet of State Water Project water were delivered within the SBBA in 2003. However, only 12,033 acre-feet of this amount resulted in "new" Return Flow not already included in Safe Yield Calculation.
- 13 8,983 acre-feet of State Water Project water were delivered within the SBBA in 2004. However, only 6,408 acre-feet of this amount resulted in "new" Return Flow not already included in Safe Yield Calculation.
- 14 6,006 acre-feet of State Water Project water were delivered within the SBBA in 2005. However, only 3,624 acre-feet of this amount resulted in "new" Return Flow not already included in Safe Yield Calculation.
- 15 6,160 acre-feet of State Water Project water were delivered within the SBBA in 2006. However, only 4,139 acre-feet of this amount resulted in "new" Return Flow not already included in Safe Yield Calculation.
- 16 13,064 acre-feet of State Water Project water were delivered within the SBBA in 2007. However, only 6,540 acre-feet of this amount resulted in "new" Return Flow not already included in Safe Yield Calculation.

TABLE NO. 17A

ANNUAL ACCOUNTING FOR  
WESTERN MUNICIPAL WATER DISTRICT  
EXTRACTIONS FROM SAN BERNARDINO BASIN AREA  
(All Values in Acre-Feet)

		Calendar Years				
		2003	2004	2005	2006	2007
<b>EXTRACTIONS</b>						
Adjusted Right	1	0	0	0	0	0
Actual Extractions	2	0	0	0	0	2,459
<b>ACCUMULATED</b>						
EXTRACTIONS	4	0	0	0	0	2,459
<b>CREDITS</b>						
Replenishment	3	0	3,500	2,500	0	0
<b>ACCUMULATED</b>						
CREDITS		0	3,500	6,000	6,000	6,000
<b>OBLIGATIONS</b>						
Actual Extractions		0	0	0	0	2,459
<b>ACCUMULATED</b>						
OBLIGATIONS	4	0	0	0	0	2,459
<b>NET ACCUMULATED (CREDIT)</b>						
OR OBLIGATION		0	(3,500)	(6,000)	(6,000)	(3,541)

**1 Adjusted right refers to Plaintiff exporters right to natural safe yield. Western does not share in the natural safe yield. Therefore, Western's Adjusted Right is 0. Western has the right, however, to extract water imported from the State Water Project for replenishment, pursuant to Paragraphs VI(b) 6 and XV(a) of the Judgment, and by agreement with the San Bernardino Valley Municipal Water District.**

**2 See Table No. 3 of Watermaster Report.**

**3 Total import of State Water Project Water by Western for replenishment pursuant to the 2004 Western-San Bernardino agreement for additional extraction by Western prepared in accordance with Paragraph VI(b)6 and XV(a) of the Judgment.**

**4 Accumulated values beginning in 2004, reflecting total amounts of imported water and total extractions. Net credit represents the amount by which replenishment has exceeded extractions. The amount of Net Credit water may be extracted by Western at any time, or transferred to any plaintiff in the action to extract in addition to whatever rights such transferee may have. To the extent permitted by agreement with San Bernardino Valley Municipal Water District, if extractions have been made prior to replenishment, the Net Obligation reflects the amount of future replenishment that must be made.**

**5 Transferred to City of Riverside. See Table No. 10 of Watermaster Report.**

TABLE NO. 18

SUMMARY OF REPLENISHMENT OBLIGATIONS  
WESTERN AND SAN BERNARDINO VALLEY  
ACCUMULATED FROM 1971

(All Values in Acre-Feet)

**WESTERN MUNICIPAL WATER DISTRICT**

	San Bernardino Basin Area		Colton Basin Area <sup>3</sup>	Riverside Basin Area In San Bernardino County <sup>3</sup>	Riverside Basin Area In Riverside County <sup>3</sup>
	Native <sup>1</sup>	Imported <sup>2</sup>			
Accumulated Credits	0	6,000	81,044	337,134	108,361
Accumulated Obligations	0	2,459	492	0	83,736
Net Accumulated (Credit) or Obligation	0	(3,541)	(80,552)	(337,134)	(24,625)
REPLENISHMENT REQUIRED	0	0	0	0	0

**SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT**

		San Bernardino Basin Area	Colton Basin Area	Riverside Basin Area In San Bernardino County
Accumulated Credits	4	429,068	37,257	0
Accumulated Obligations	4	205,568	0	0
Net Accumulated (Credit) or Obligation	4	(223,500)	(37,257)	0
REPLENISHMENT REQUIRED		0	0	0

<sup>1</sup> Reference Tables 10-13.

<sup>2</sup> Reference Table 17A.

<sup>3</sup> Reference Table 16.

<sup>4</sup> Reference Table 17.