

**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

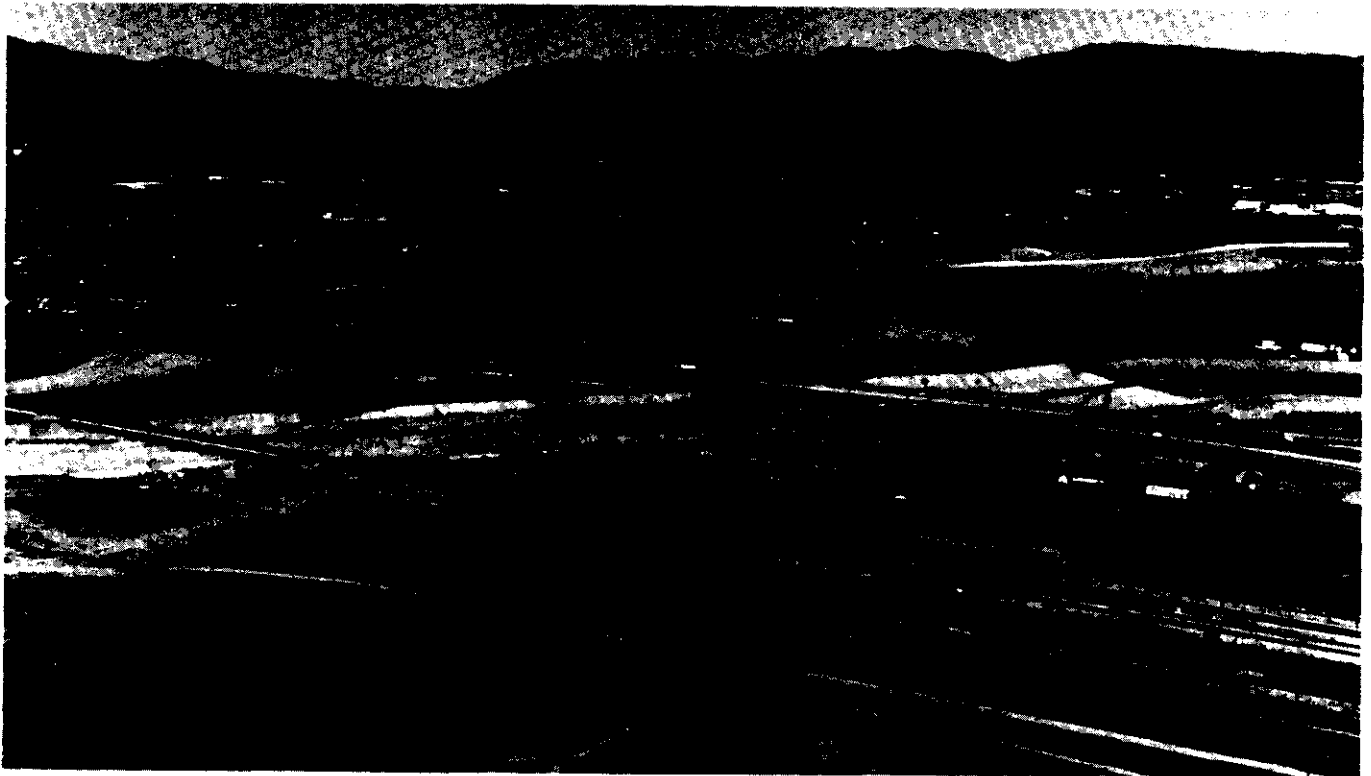
OF THE

WESTERN-SAN BERNARDINO WATERMASTER

FOR

CALENDAR YEAR 1975

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AUGUST 1, 1976

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

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August 1, 1976

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

RE: Watermaster Report for Calendar Year 1975

Gentlemen:

We have the honor of submitting the *Annual Report of the Western-San Bernardino Watermaster for the Calendar Year 1975*.

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, 1976, and summarizes the findings of the Watermaster as required by the Judgment.

We, and each of us, hereby certify that this is a true and correct Report of the Watermaster work performed by us and under our supervision during 1975, pursuant to the requirements of the Judgment.

Respectfully submitted,

WESTERN-SAN BERNARDINO WATERMASTER

By:



James C. Hanson



Donald L. Harriger

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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, Riverside, and Colton ground water basins, namely San Bernardino Valley Municipal Water District (SBVMWD) and Western Municipal Water District of Riverside County (WMWD).

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. Watermaster Albert A. Webb resigned as of August 1, 1975, and the Court appointed Donald L. Harriger who was nominated by WMWD to replace Mr. Webb.

The provisions of the Judgment became effective January 1, 1971; however, progress reports were filed with the Court for the calendar years 1969, 1970, and 1971 reporting on the progress of verifications and initial determinations required by the Judgment. The recordation filings obtained from the State Water Resources Control Board and required for determination of annual extractions from the various basins are not available to the Watermaster until seven or eight months after the end of the calendar year for which the filings are made. This report for the calendar year 1975 includes a description and summary of the work completed during 1975 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 the calendar year 1974. The scope of this report for 1975 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 the 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 Base 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 the calendar year 1975 together with the annual accounting of extractions and deliveries for the calendar year 1974.

History of Litigation

Before the turn of the 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 (CBMWD), Western Municipal Water District of Riverside County (WMWD), and San Bernardino Valley Municipal Water District (SBVMWD). 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 SBVMWD 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 ground water sources supplied by the Santa Ana River and tributaries above the Riverside Narrows.

For some time, increasing withdrawals from ground water 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 WMWD 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 SBVMWD and the other by WMWD 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 ground water 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:

| <u>Watermaster Determination Required by Judgment</u> | <u>Verified for 5 Calendar Years Ending with 1963</u> | <u>To be Determined Annually from And after 1971</u> |
|---|---|--|
| 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. | / | / |

| <u>Watermaster Determination Required by Judgment</u> | <u>Verified for 5 Calendar Years Ending with 1963</u> | <u>To be Determined Annually from And after 1971</u> |
|--|---|--|
| 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 plaintiff's 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 |
| 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 |

| <u>Watermaster Determination Required by Judgment</u> | <u>Verified for 5 Calendar Years Ending with 1963</u> | <u>To be Determined Annually from And after 1971</u> |
|---|---|--|
| 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 |

¹ 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.

² Assumed for purposes of judgment to be 16,000 acre-feet annually, verification not required.

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

⁴ Revised by Watermaster during preparation of the Annual Report for calendar year 1974.

⁵ 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.

Ground Water Extractions

The most important data required for implementing the provisions of the Judgment are the annual tabulations of the ground water 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 consisting of three parts, Volumes 2, 3, and 4 for the San Bernardino Basin Area, Colton Basin Area, Riverside Basin Area in San Bernardino County, and Riverside Basin Area in Riverside County, respectively. A program has been established for obtaining and tabulating annual notices of groundwater extractions and surface diversions filed with the State Water Resources Control Board. These 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 the calendar year 1974 and are summarized herein. Listings of the verified extractions by each individual owner for the calendar year 1974 are assembled in Report of Watermaster, Volumes 1-1974, 1A-1974, 2-1974, 3-1974, and 4-1974.

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 the calendar year 1974 and is summarized herein. Detailed work sheets are assembled in Report of Watermaster, Volume 5-1974.

The Watermaster is also required to determine the amounts of water extracted from 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 amounts of water extracted and delivered under Classification No. 1 were determined initially for the 1959-63 Base Period and were reported in the Report of Watermaster, Volume 6, dated June, 1972. Such amounts were also determined for the years 1964 through 1970 and were included in Volume 6 for information and planning purposes. The amounts determined for the calendar year 1974 are summarized herein. Detailed work sheets are assembled in the Report of Watermaster in Volume 6-1974.

The water extracted and delivered under Classification No. 2 was completed 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, filed with the Court by letter dated February 20, 1973. These amounts were subsequently revised. The amounts determined for the calendar year 1974 are summarized herein. Detailed work sheets are assembled in the Report of Watermaster, Volume 7-1974.

Ground Water Level Measurements

Ground water surface elevation data for the Colton Basin Area and the Riverside Basin Area within San Bernardino County, which are required by the Judgment on three key wells, is currently furnished by the City of Riverside on a weekly basis and by San Bernardino Valley Municipal Water District (SBVMWD) on a monthly basis.

These data are shown in both tabular and graphical form for the calendar years 1963 thru 1974 in Volume 8 of previous reports of Watermaster. The determination for the calendar year 1975 is shown in the Report of Watermaster, Volume 8-1974.

Stream Flow and Water Quality Measurements

The program of stream flow measurements conducted by the United States Geological Survey (USGS) has proven indispensable, and the regular program of this agency has been augmented by the establishment of additional surface water gaging stations and water quality monitors on a cooperative basis. These cooperative programs have been entered into for the extension of the ongoing USGS stream gaging activities. During 1975 a gaging station was established to measure the Fontana Union Water Company diversion at the Fontana Powerhouse.

For many years, the State of California has been a major cooperating agency with the USGS in the operation and maintenance of surface water gaging stations. In recent years, the State has found it necessary to withdraw its financial support for certain stations. The Western-San Bernardino Watermaster through its supporting Districts has substituted as the cooperating organization with the USGS in financing the continuation of existing stations where such stations are necessary for implementation of the Judgment provisions.

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 have been previously presented in a report 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.

TABLE NO. 1

COSTS TO THE PARTIES FOR USGS
SURFACE WATER MEASUREMENTS USED BY
WESTERN-SAN BERNARDINO WATERMASTER

July 1, 1975 to June 30, 1976

| | |
|--|--------------------|
| <u>Meeks & Daley Water Co. Near Colton</u> | \$ 1,225 |
| <u>Plunge Creek Near East Highland</u> | 2,625 |
| <u>Santa Ana River Diversion Near Mentone</u> | 1,045 |
| <u>Waterman Canyon at Arrowhead Springs</u> | 1,325 |
| <u>Devil Canyon Creek Near San Bernardino</u> | 1,460 |
| <u>East Twin Creek Near Arrowhead Springs</u> | 1,400 |
| <u>San Bernardino Water Quality Control Plant</u> | 3,195 ¹ |
| <u>Crafton Canal</u> | 400 |
| <u>San Timoteo Creek Near Redlands</u> | 1,325 |
| <u>Lytle Creek at Fontana Union Head Gates</u> | |
| Weir No. 1 - Discharge Upper Power House | 175 |
| Weir No. 2 - Infiltration Line | 410 |
| Weir No. 3 - Head Gate Diversion | 410 |
| Weir No. 4 - Breed Line Diversion | 410 |
| Parshall Flume - Return to Creek | 410 |
| 20 Ft. Weir - Return to Creek | 410 |
| <u>Southern California Edison Lower Power House on Lytle Creek</u> | |
| 20 Ft. Weir - Discharge Lower Power House | 410 |
| Parshall Flume - Return to Creek from Afterbay | 410 |
| <u>Reconstruction</u> | |
| Plunge Creek Control Structure | 1,200 |
| San Bernardino Water Quality Equipment | 250 |
| <u>SUB-TOTAL FOR PARTIES AND WATERMASTER</u> | <u>\$18,495</u> |
| United States Geological Survey | \$18,495 |
| <u>TOTAL</u> | <u>\$36,990</u> |

¹ Includes \$2,625 for payment by SAWPA

Field Inspections

During the verification of the 1974 extractions from the Colton Basin Area, Riverside Basin Area in San Bernardino County, and Riverside Basin Area within Riverside County, many of the pumping facilities installed for extractions of ground water and surface diversions were visited by the Watermaster or his representatives. Contact was made with many of the smaller extractors to review their methods of computing production for annual reports filed with the State Water Resources Control Board.

During the initial verification program in the San Bernardino Basin Area, it was found that many ground water extractors and several divertors 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.

Field trips were also made with representatives of the USGS to determine suitable locations for the additional stream gaging stations and to review status of existing facilities.

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 1974 are shown on Table No. 2. The individual work sheets for the 1974 verifications are included in Report of Watermaster, Volume 1-1974.

The total verified extractions from the San Bernardino Basin Area by Plaintiffs for the calendar years 1971 through 1974 are shown on Table No. 3. The individual work sheets for the 1974 verifications and distribution of extractions by Plaintiffs are included in Report of Watermaster, Volume 1A-1974 and Volume 5-1974.

For reference, the Adjusted Base Rights of other than Plaintiffs and Plaintiffs are also shown on Table No. 2 and No. 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-foot 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

accrues 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.

The discharge to the Santa Ana River upstream from the Bunker Hill Dike has been determined by the Watermaster as shown on the following table:

| | <u>Acre-Feet</u> | | | | |
|-------------------------------|------------------|---------------|---------------|---------------|---------------|
| | <u>1970</u> | <u>1971</u> | <u>1972</u> | <u>1973</u> | <u>1974</u> |
| PLANT NO. 1 (Warm Creek) | 4,377 | 5,705 | 6,784 | 0 | 0 |
| PLANT NO. 2 (Santa Ana River) | <u>9,865</u> | <u>8,925</u> | <u>9,963</u> | <u>17,640</u> | <u>17,070</u> |
| TOTAL | <u>14,242</u> | <u>14,630</u> | <u>16,747</u> | <u>17,640</u> | <u>17,070</u> |

TABLE NO. 2

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

| VERIFIED EXTRACTIONS | | | | |
|--------------------------------|-------------------------------------|---|----------------------|----------------------|
| Calendar Year | By Owners Who Have Filed With SWRCB | By Owners Who Have Not Filed With SWRCB | Total | Adjusted Base Right |
| 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 | 153,174 | 5,544 | 158,718 | 167,238 |
| 1975 | | | | |
| Total for Years 1971-75 | | | | |
| 1976 | | | | |
| 1977 | | | | |
| 1978 | | | | |
| 1979 | | | | |
| 1980 | | | | |
| Total for Years 1976-80 | | | | |

¹ Adjusted Base 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.

Note: See Report of Watermaster, Volume 1.

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)

| | PLAINTIFF | | | | | | 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. | The Regents of the University of California | | | |
| Total Extractions in San Bernardino Basin Area | Adjusted Base 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 |
| Delivery to San Bernardino Basin Area | Adjusted Base Right | 1,427 ² | 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 |
| Delivery to Colton Basin Area & Riverside Basin Area in San Bernardino County | Adjusted Base 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 |
| Delivery to Area Outside San Bernardino Valley | Adjusted Base Right | 49,542 | 1,845 | 7,515 | 536 | | 59,438 ² |
| | 1971 Extractions | 53,115 ² | 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 |

¹ Adjusted Base 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 and Volume 5.

CHAPTER IV

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

CHAPTER IV

NATURAL SAFE YIELD OF THE SAN BERNARDINO BASIN AREA AND ADJUSTED BASE 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 Base Rights of Plaintiff exporters were also determined. Such determination of safe yield and Adjusted Base 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 Base Rights of Plaintiff Exporters*.

The Adjusted Base 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 Base 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 base 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 1959-63.

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 respective 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.

**ADJUSTED RIGHTS FOR EXTRACTIONS BY PLAINTIFFS
FROM THE SAN BERNARDINO BASIN AREA BASED ON NATURAL
SAFE YIELD OF 232,100 ACRE-FEET PER ANNUM ¹**

**CLASSIFIED ACCORDING TO SERVICE AREA
(All Values in Acre-Feet)**

| <u>Plaintiff</u> | <u>Total Extractions in San Bernardino Basin Area</u> | <u>Delivery to San Bernardino Basin Area</u> | <u>Delivery to Colton Basin and Riverside Basin Area in San Bernardino County</u> | <u>Delivery to Areas Outside San Bernardino Valley</u> |
|--|---|--|---|--|
| City of Riverside (including those rights acquired as successor to the Riverside Water Company and The Gage Canal Company) | 52,199 ² | 1,427 | 1,230 | 49,542 ² |
| 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 |
| The Regents of the University of California | 536 ² | 0 | 0 | 536 ² |
| TOTAL | 64,862 | 1,427 | 3,997 | 59,438 |

¹
Effective January 1, 1972

²
The Adjusted Base 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 1974 calendar year have been verified by the Watermaster as 1,464 acre-feet and 13,583 acre-feet, respectively. The individual work sheets for these determinations are included in Report of Watermaster, Volume 2-1974, Volume 3-1974, and Volume 5-1974 entitled *Verified Extractions From Colton Basin Area, Verified Extractions From Riverside Basin Area Within San Bernardino County and 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*, respectively.

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 1974 verification and distribution of extractions are also included in Report of Watermaster, Volumes 2-1974, 3-1974 and 5-1974.

The extractions from the Colton Basin Area and the Riverside Basin Area in San Bernardino County for the calendar years 1971 through 1974 are summarized in Table Nos. 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
 (All Values in Acre-Feet)

| Extractions for Calendar Years | Total From Basin | Extracted by San Bernardino County Entities | Extracted by Riverside County Entities | | | |
|---|------------------------|---|---|-------------------------------------|--------------------------------|--|
| | | | Total | Used in San Bernardino County | Used in Riverside County | Base Right for Use in Riverside County ¹ |
| 5-Year Base Period 1959-63 | 11,731 ³ | 8,235 ³ | 3,496 | 115 | 3,381 | 3,381 |
| 1971 | 11,388 ² | 8,363 ² | 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 | | | | | | 3,381 |
| Total for Years 1971-75 | | | | | | 16,905 |
| 1976 | | | | | | |
| 1977 | | | | | | |
| 1978 | | | | | | |
| 1979 | | | | | | |
| 1980 | | | | | | |
| Total for Years 1976-80 | | | | | | |

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 verification of 1972 extractions.

³ Amount corrected during verification of 1972 and 1973 extractions.

Note: See Report of Watermaster, Volume 2 and Volume 5.

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
(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 ¹ |
|---|------------------------|---|---|-------------------------------------|--------------------------------|--|
| | | | Total | Used in San Bernardino County | Used in Riverside County | |
| 5-Year Base Period 1959-63 | 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 | | | | | | 21,085 |
| Total for Years 1971-75 | | | | | | 105,425 |
| 1976 | | | | | | |
| 1977 | | | | | | |
| 1978 | | | | | | |
| 1979 | | | | | | |
| 1980 | | | | | | |
| Total for Years 1976-80 | | | | | | |

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

Note: See Report of Watermaster, Volume 3 and Volume 5.

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-21Q3, 1S/4W-29H1, and 1S/4W-29Q1 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 1975 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 8-1974 entitled *Ground Water Surface Elevations in Wells Numbered 1S/4W-21Q3, 1S/4W-29H1, and 1S/4W-29Q1 Located Within the Colton Basin Area and Riverside Basin Area in San Bernardino County through December, 1975.*

The lowest static water surface elevation measured in each of the three wells during 1975 is as follows:

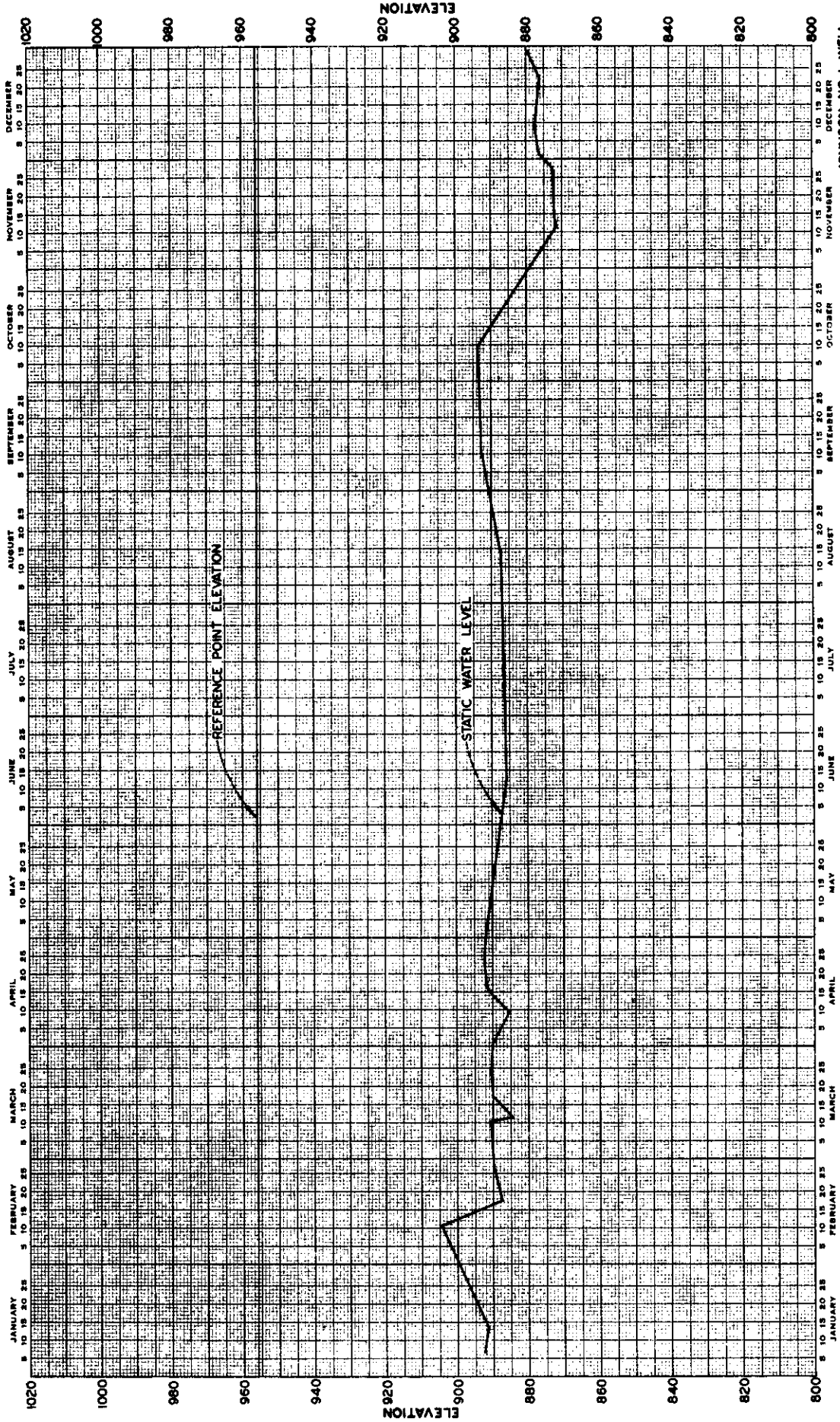
| <u>Well Number</u> | <u>Date of Measurement</u> | <u>Elevation of Water Surface</u> |
|--------------------|----------------------------|-----------------------------------|
| 1S/4W-21Q3 | 11/12/75 | 871.36 |
| 1S/4W-29H1 | 11/19/75 | 865.48 |
| 1S/4W-29Q1 | 11/12/75 | <u>858.48</u> |
| TOTAL | | 2,595.32 |
| Average | | 865.11 |

Thus, the lowest average water surface elevation for the calendar year 1975 is 4.77 feet below the 1974 average of 869.88 and 43.07 feet above the 1963 average of 822.04.

GROUND WATER SURFACE ELEVATION JOHNSON NO. 1 WELL

1975

STATE WELL NUMBER IS/AW-21Q3
 RECORDATION NUMBER 36-01480
 BASIN COLTON
 OWNER CITY OF RIVERSIDE



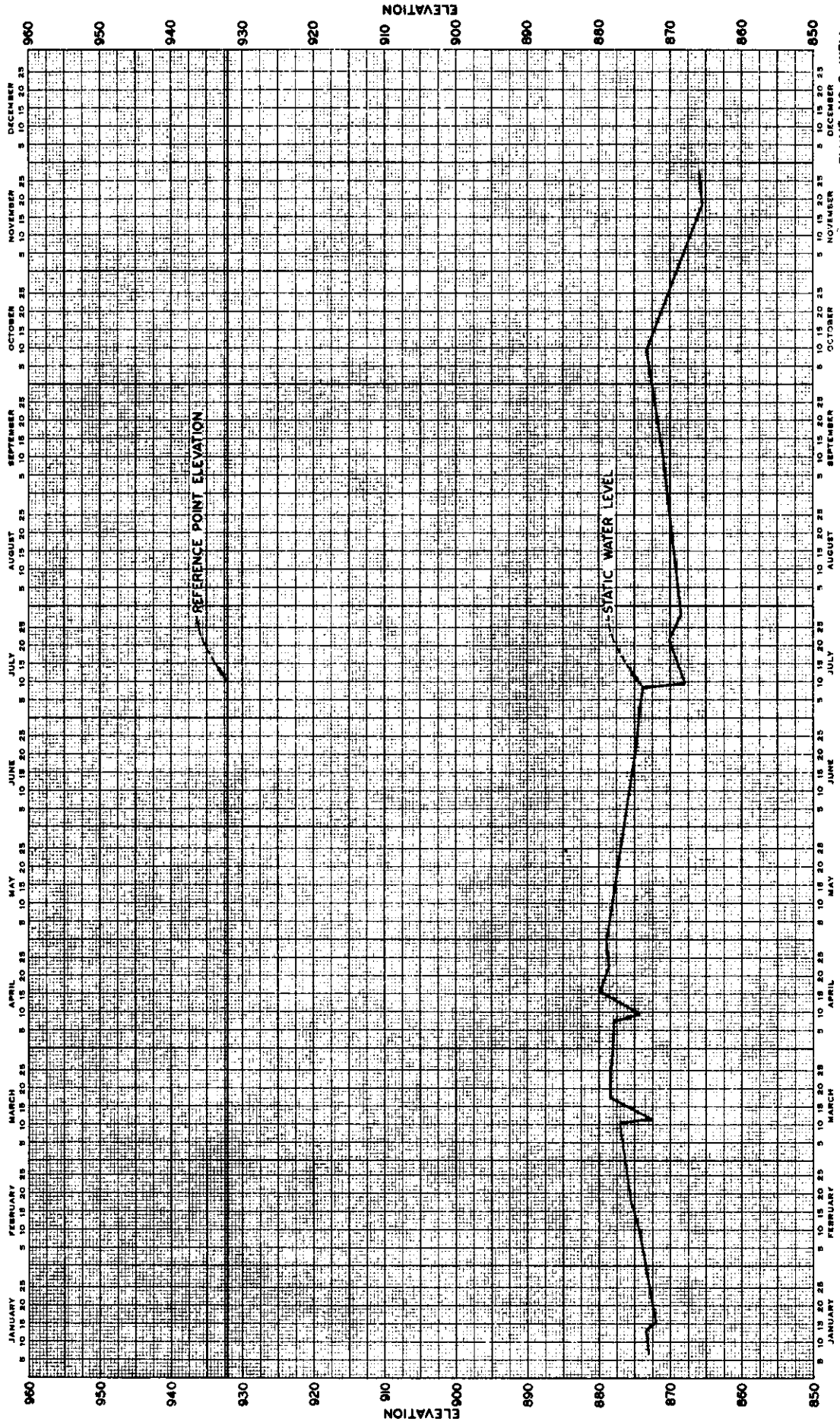
JOHNSON NO. 1 WELL
FIGURE NO. 1

GROUND WATER SURFACE ELEVATION

FLUME NO. 2 WELL

1975

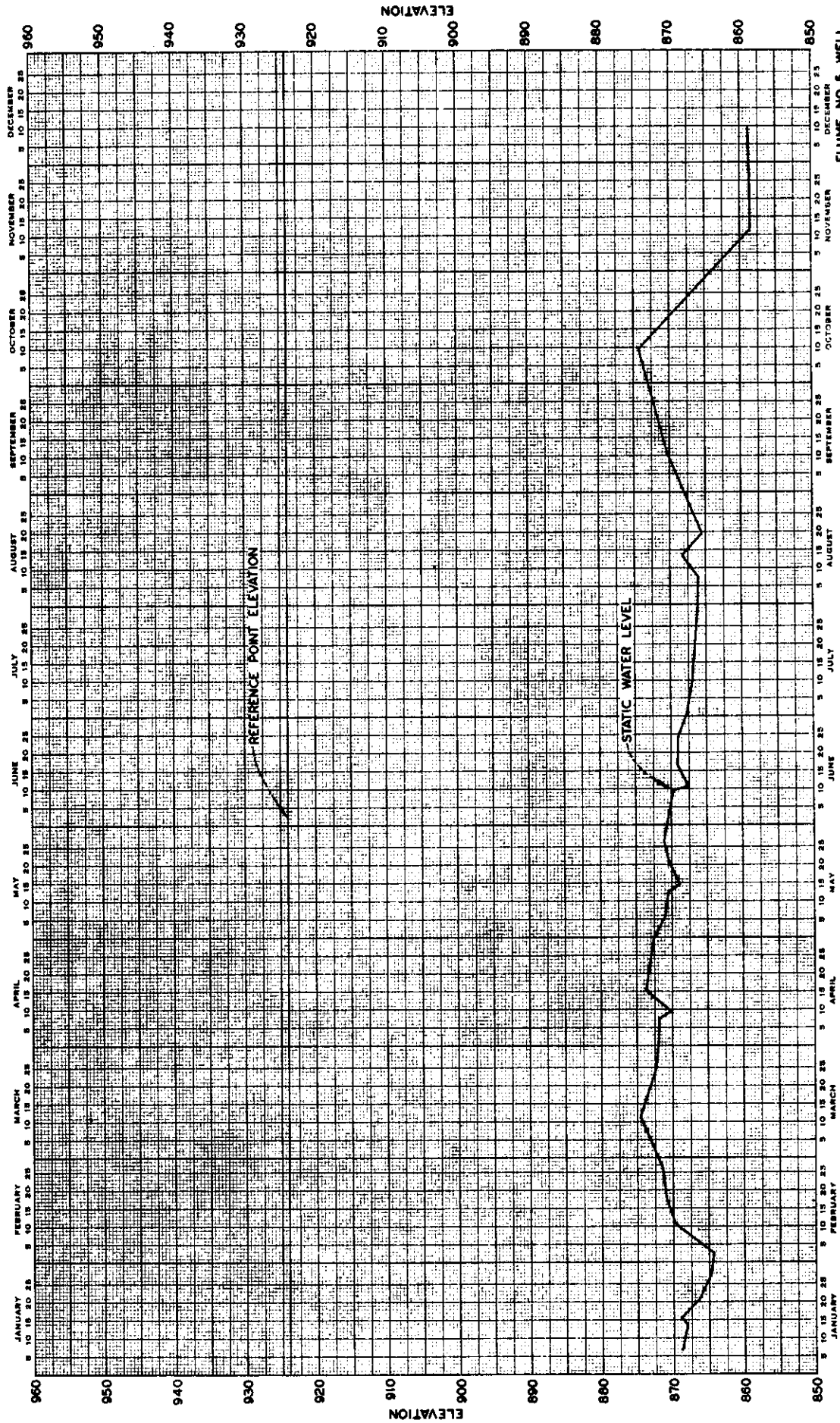
STATE WELL NUMBER 15/4W - 29H1
RECORDATION NUMBER 36 - 04484
BASIN RIVERSIDE
OWNER CITY OF RIVERSIDE



FLUME NO. 2 WELL
FIGURE NO. 2

GROUND WATER SURFACE ELEVATION FLUME NO. 5 WELL 1975

STATE WELL NUMBER 15/4W-29Q1
 RECORDATION NUMBER 36-0487
 BASIN RIVERSIDE
 OWNER CITY OF RIVERSIDE



FLUME NO. 5 WELL
FIGURE NO. 3

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 the calendar year 1974 have been verified by the Watermaster as 38,304 acre-feet. The individual work sheets are included in Report of Watermaster, Volume 4-1974, entitled *Verified Extractions from Riverside Basin Area Within Riverside County* and are summarized in Table No. 6 following.

TABLE NO. 6

VERIFIED EXTRACTIONS FROM THE RIVERSIDE BASIN
AREA IN RIVERSIDE COUNTY FOR USE IN RIVERSIDE COUNTY
(All Values in Acre-Feet)

| Calendar Year | Total Verified Extractions | Base Right for Use in Riverside County |
|----------------------------|----------------------------|--|
| 5-Year Base Period 1959-63 | 29,633 | 29,633 |
| 1971 | 30,942 ¹ | 29,633 |
| 1972 | 37,804 | 29,633 |
| 1973 | 33,094 | 29,633 |
| 1974 | 38,304 | 29,633 |
| 1975 | | 29,633 |
| Total for Years 1971-75 | | 148,165 |

¹ Amount corrected during verification of 1972 extractions.

Note: See Report of Watermaster, Volume 4.

Return Flows

The Judgment provides for additional replenishment by Western if the urbanization of the Riverside Basin Area 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 area 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:

APPENDIX D

TABLE D-5

**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**

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

The service areas of the companies listed in Table D-5 were reexamined in July, 1975. For purposes of this report, the acreages determined by this examination are considered to be the acreages served at the end of the 1975 calendar year, and are as shown in Table No. 7, together with the 1973 and 1974 acreages.

TABLE NO. 7

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

| <u>Entity Serving Acreage</u> | CALENDAR YEAR | | |
|----------------------------------|---------------|--------------|--------------|
| | <u>1973</u> | <u>1974</u> | <u>1975</u> |
| The Gage Canal Company | 1,493 | 1,179 | 1,155 |
| Alta Mesa Water Company | 0 | 0 | 0 |
| East Riverside Water Company | 704 | 704 | 682 |
| Riverside Highland Water Company | <u>1,173</u> | <u>1,173</u> | <u>1,173</u> |
| TOTAL | 3,370 | 3,056 | 3,010 |

Comparison of the foregoing amounts with Table D-5 indicates that 906 acres have been removed from irrigated agriculture since 1969. The total acreage upon which irrigation has been discontinued represents areas where trees have been removed and the land permitted to lie fallow, areas covered by dead trees as a result of lack of water, and areas upon which subdivisions are in various stages of progress.

Of the total 906 acres removed from irrigated agriculture between 1969 and 1975, 515 acres have been developed and connected to the City of Riverside Sewage Treatment Plant.

Due to the relatively small area which has been removed from irrigated agriculture to date, and since the replenishment obligations of both parties accrue for the most part on a five-calendar-year basis beginning with 1971, the Watermaster has elected to defer determination of the replenishment obligation under this provision until 1976.

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 the calendar year 1974 were verified by the Watermaster to be 35,020 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 6-1974, 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,
 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 Base Right 1969-63 Average | CALENDAR YEAR | | | | |
|--|---|------------------------------|------------------------------|------------------------------|------------------------------|------------------------------|
| | | 1971 Verified Delivery | 1972 Verified Delivery | 1973 Verified Delivery | 1974 Verified Delivery | 1975 Verified Delivery |
| City of Riverside, including Irrigation Division water extracted by The Gage Canal Company and former Riverside Water Company | 23,836 | 26,616 | 25,416 | 22,499 | 24,832 | |
| Meeks & Daley Water Company, Agua Mansa Water Company, and Teneecal Water Company, including water received from City of Riverside | 13,229 | 8,195 | 8,570 | 4,291 | 4,667 | |
| 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 | 5,952 | 5,456 | 3,710 | 4,869 | |
| Rubidoux Community Services District | 531 | 794 | 807 | 545 | 566 | |
| Jurupa Hills Water Company | 36 | 55 ¹ | 65 | 83 | 86 | |
| TOTAL | 42,535 | 41,612¹ | 40,314 | 31,128 | 35,020 | |

¹ Amount corrected during verification of 1972 deliveries.
 Note: See Report of Watermaster, Volume 6.

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 the calendar year 1974, were verified by the Watermaster to be 16,251 acre-feet. Said amount is summarized by entity on Table No. 9.

TABLE NO. 9

VERIFIED AVERAGE ANNUAL 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
 (All Values in Acre-Feet)

| <u>Entity</u> | <u>1959-63 Average</u> ¹ | <u>CALENDAR YEAR</u> | | | |
|--|---|--------------------------|--------------------------|-------------|-------------|
| | | <u>1971</u> ¹ | <u>1972</u> ¹ | <u>1973</u> | <u>1974</u> |
| Fontana Union Water Company | 10,170 ¹ | 14,596 ¹ | 14,803 ¹ | 19,333 | 13,586 |
| West San Bernardino County Water District | 1,806 | 1,260 | 2,223 | 2,220 | 2,102 |
| City of Rialto | <u>551</u> ¹ | <u>694</u> ¹ | <u>405</u> ¹ | <u>276</u> | <u>563</u> |
| TOTAL | 12,527 ¹ | 16,550 ¹ | 17,431 ¹ | 21,829 | 16,251 |

¹ Amount corrected during verification of 1973 deliveries.

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 1974 calendar year indicated that such exports were not made during 1974.

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 both Plaintiffs and Non-Plaintiffs, and further requires that a determination be made as to the 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.

The tables which follow represent a summarization of the work papers of the Watermaster and present the comparison of the extractions and deliveries for calendar years of 1971 through 1974 with the Base Period amounts, from which the required replenishment has been determined.

| <u>Table Number</u> | <u>Title</u> |
|-------------------------|---|
| 10 | Annual Accounting of Extractions from the San Bernardino Basin Area and the 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) |
| 11 | Annual Accounting of Extractions from the San Bernardino Basin Area and the Deliveries to Each Service Area by Riverside Highland Water Company |
| 12 | Annual Accounting of Extractions from the San Bernardino Basin Area and the Deliveries to Each Service Area by Agua Mansa Water Company and Meeks & Daley Water Company |
| 13 | Annual Accounting of Extractions from the San Bernardino Basin Area and the Deliveries to Each Service Area by The Regents of University of California |
| 14 | Annual Accounting for San Bernardino Valley Municipal Water District - Extractions from the San Bernardino Basin Area |
| 15 | Annual Accounting for Western Municipal Water District - Extractions from Colton Basin Area for Use Outside San Bernardino Valley |

**Table
Number**

Title

- | | |
|----|--|
| 16 | Annual Accounting for Western Municipal Water District - Extractions from Riverside Basin Area in San Bernardino County for Use Outside San Bernardino Valley |
| 17 | Annual Accounting for Western Municipal Water District - Extractions from Riverside Basin Area in Riverside County |
| 18 | Annual Accounting for Western Municipal Water District - Extractions 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 |
| 19 | Annual Accounting for San Bernardino Valley Municipal Water District - Extractions from San Bernardino Basin Area and Colton Basin Area for Use on Lands Not Within Western nor Tributary to the Riverside Narrows |
| 20 | Summary of Annual Accounting - San Bernardino Valley Municipal Water District & Western Municipal Water District Accumulated Credits and Obligations as of Calendar Year 1973 |

TABLE NO. 10

ANNUAL ACCOUNTING

OF
EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA
AND THE 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)
(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 Area & Riverside Basin Area in San Bernardino County | | | Delivery to Areas Outside San Bernardino Valley | | |
|-------------------------------------|---|-----------------------|------------|---------------------------------------|-----------------------|------------|---|-----------------------|------------|---|-----------------------|------------|
| | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) |
| 1971 | 53,448(4) | 69,482 | 53,882 | 1,462(4) | 1,901 | 98 | 1,260(4) | 1,638 | 669 | 50,726(4) | 65,944 | 53,115 |
| 1972 | 52,199(5) | 67,859 | 45,694 | 1,427 | 1,855 | 85 | 1,230 | 1,599 | 547 | 49,542(5) | 64,405 | 45,062 |
| 1973 | 52,199(5) | 67,859 | 43,022 | 1,427 | 1,855 | 156 | 1,230 | 1,599 | 512 | 49,542(5) | 64,405 | 42,354 |
| 1974 | 52,199(5) | 67,859 | 43,367 | 1,427 | 1,855 | -0- | 1,230 | 1,599 | 550 | 49,542(5) | 64,405 | 42,817 |
| 1975 | 52,199(5) | 67,859 | | 1,427 | 1,855 | | 1,230 | 1,599 | | 49,542(5) | 64,405 | |
| Total for Years 1971-75 | 262,244 | 262,244 | | 7,170 | 7,170 | | 6,180 | 6,180 | | 248,894 | 248,894 | |
| Excess Extract. from 1971-75 | | | | | | | | | | | | |
| 1976 | | | | | | | | | | | | |
| 1977 | | | | | | | | | | | | |
| 1978 | | | | | | | | | | | | |
| 1979 | | | | | | | | | | | | |
| 1980 | | | | | | | | | | | | |
| Total for Years 1976-80 | | | | | | | | | | | | |
| Excess Extract. from 1976-80 | | | | | | | | | | | | |

(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 30% 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 Adjusted Right for 1971 is as shown in Appendix B, Table B-1 of the Judgment.

(5) See Footnote 2 of Table on Page 18.

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 THE DELIVERIES TO EACH SERVICE AREA BY
RIVERSIDE HIGHLAND WATER COMPANY
(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 Area & Riverside Basin Area in San Bernardino County | | | Delivery to Areas Outside San Bernardino Valley | | |
|------------------------------|---|-----------------------|------------|---------------------------------------|-----------------------|------------|---|-----------------------|------------|---|-----------------------|------------|
| | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) |
| 1971 (4) | 4,399 (4) | 5,719 | 4,012 | -0- (4) | -0- | -0- | 2,509 (4) | 3,262 | 2,388 | 1,890 (4) | 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 | | -0- | -0- | | 2,449 | 3,184 | | 1,845 | 2,398 | |
| Total for Years 1971-75 | 21,575 | 21,575 | | -0- | -0- | | 12,305 | 12,305 | | 9,270 | 9,270 | |
| Excess Extract. from 1971-75 | | | | | | | | | | | | |
| 1976 | | | | | | | | | | | | |
| 1977 | | | | | | | | | | | | |
| 1978 | | | | | | | | | | | | |
| 1979 | | | | | | | | | | | | |
| 1980 | | | | | | | | | | | | |
| Total for Years 1976-80 | | | | | | | | | | | | |
| Excess Extract. from 1976-80 | | | | | | | | | | | | |

(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 30% 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 Adjusted 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 THE DELIVERIES TO EACH SERVICE AREA BY
AGUA MANSA WATER COMPANY AND MEERS & DALEY WATER COMPANY
(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 Area & Riverside Basin Area in San Bernardino County | | | Delivery to Areas Outside San Bernardino Valley | | |
|------------------------------|---|-----------------------|------------|---------------------------------------|-----------------------|------------|---|-----------------------|------------|---|-----------------------|------------|
| | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) |
| 1971 (4) | 8,026(4) | 10,434 | 2,902 | -0-(4) | -0- | -0- | 326(4) | 424 | 383 | 7,700(4) | 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 | | -0- | -0- | -0- | 318 | 413 | | 7,515 | 9,770 | |
| Total for Years 1971-75 | 39,358 | 39,358 | | -0- | -0- | -0- | 1,598 | 1,598 | | 37,760 | 37,760 | |
| Excess Extract. from 1971-75 | | | | | | | | | | | | |
| 1976 | | | | | | | | | | | | |
| 1977 | | | | | | | | | | | | |
| 1978 | | | | | | | | | | | | |
| 1979 | | | | | | | | | | | | |
| 1980 | | | | | | | | | | | | |
| Total for Years 1976-80 | | | | | | | | | | | | |
| Excess Extract. from 1976-80 | | | | | | | | | | | | |

(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 30% 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 Adjusted 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. 13
ANNUAL ACCOUNTING
OF

**EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA
 AND THE DELIVERIES TO EACH SERVICE AREA BY
 THE REGENTS OF UNIVERSITY OF CALIFORNIA
 (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 Area & Riverside Basin Area in San Bernardino County | | | Delivery to Areas Outside San Bernardino Valley | | |
|-------------------------------------|---|-----------------------|------------|---------------------------------------|-----------------------|------------|---|-----------------------|------------|---|-----------------------|------------|
| | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) | Adjusted Right (1) | Maximum Allowable (2) | Actual (3) |
| 1971 (4) | 581(4) | 755 | 219 | -0-(4) | -0- | -0- | -0-(4) | -0- | -0- | 581(4) | 755 | 219 |
| 1972 | 536(5) | 697 | 239 | -0- | -0- | -0- | -0- | -0- | -0- | 536(5) | 697 | 239 |
| 1973 | 536(5) | 697 | 239 | -0- | -0- | -0- | -0- | -0- | -0- | 536(5) | 697 | 239 |
| 1974 | 536(5) | 697 | 267 | -0- | -0- | -0- | -0- | -0- | -0- | 536(5) | 697 | 267 |
| 1975 | 536(5) | 697 | | -0- | -0- | -0- | -0- | -0- | -0- | 536(5) | 697 | |
| Total for Years 1971-75 | 2,725 | 2,725 | | -0- | -0- | | -0- | -0- | | 2,725 | 2,725 | |
| Excess Extract. from 1971-75 | | | | | | | | | | | | |
| 1976 | | | | | | | | | | | | |
| 1977 | | | | | | | | | | | | |
| 1978 | | | | | | | | | | | | |
| 1979 | | | | | | | | | | | | |
| 1980 | | | | | | | | | | | | |
| Total for Years 1976-80 | | | | | | | | | | | | |
| Excess Extract. from 1976-80 | | | | | | | | | | | | |

(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 30% 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 Adjusted Right for 1971 is as shown in Appendix B, Table B-1 of the Judgment.

(5) See Footnote 2 of Table on Page 18.

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

TABLE NO. 14
ANNUAL ACCOUNTING
FOR
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
EXTRACTIONS FROM THE SAN BERNARDINO BASIN AREA
(All Values in Acre-Feet)

| <u>Verified Extractions</u> | CALENDAR YEAR | | | | |
|---|----------------------|-------------------|----------------------|----------------------|------|
| | 1971 | 1972 | 1973 | 1974 | 1975 |
| Base Right for Year | 171,342 | 167,238 | 167,238 | 167,238 | |
| Actual Extractions for Year ¹ | 163,186 | 167,227 | 159,781 | 158,718 | |
| Excess Extractions for Year | (8,156) ² | (11) ² | (7,457) ² | (8,520) ² | |
| Accumulated Extractions | 163,186 | 330,413 | 490,194 | 648,912 | |
| <u>Replenishment Credits</u> | | | | | |
| Return from Excess Extractions | -0- | -0- | -0- | -0- | |
| New Conservation | -0- | -0- | -0- | -0- | |
| Extraction Credit ³ | 8,156 | 11 | 7,457 | 8,520 | |
| Actual Replenishment for Year | -0- | 1,275 | 32,227 | 16,195 | |
| Total Credits for Year | 8,156 | 1,286 | 39,684 | 24,715 | |
| Accumulated Credits | 8,156 | 9,442 | 49,126 | 73,841 | |
| <u>Replenishment Obligations</u> | | | | | |
| Obligation for Year | -0- | -0- | -0- | -0- | |
| Accumulated Obligation | -0- | -0- | -0- | -0- | |
| Replenishment Required in Following Year | -0- | -0- | -0- | -0- | |

¹ See Table No. 2 of Watermaster Report

² Parentheses indicate that there are no excess extractions and the actual extractions are less than the Base Right by the amount shown.

³ Amounts which may be extracted without replenishment obligation, which in fact are not extracted.

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

TABLE NO. 15
ANNUAL ACCOUNTING
FOR
WESTERN MUNICIPAL WATER DISTRICT
EXTRACTIONS FROM COLTON BASIN AREA FOR USE
OUTSIDE SAN BERNARDINO VALLEY
(All Values in Acre-Feet)

| <u>Verified Extractions</u> | CALENDAR YEAR | | | | 1975 |
|--|--------------------|--------------------|----------------------|----------------------|------|
| | 1971 | 1972 | 1973 | 1974 | |
| Base Right for Year | 3,381 | 3,381 | 3,381 | 3,381 | |
| Peaking Allowance @ 20% | 676 | 676 | 676 | 676 | |
| Allowable Extractions for Year | 4,057 | 4,057 | 4,057 | 4,057 | |
| Actual Extractions for Year ¹ | 2,777 | 2,611 | 615 | 1,464 | |
| Excess Extractions for Year | (604) ² | (770) ² | (2,766) ² | (1,917) ² | |
| Accumulated Extractions | 2,777 | 5,388 | 6,003 | 7,467 | |
| <u>Replenishment Credits</u> | | | | | |
| Extraction Credit ³ | 604 | 770 | 2,766 | 1,917 | |
| Return from Excess Extractions | -0- | -0- | -0- | -0- | |
| Actual Replenishment for Year | -0- | -0- | -0- | -0- | |
| Total Credits for Year | 604 | 770 | 2,766 | 1,917 | |
| Accumulated Credits | 604 | 1,374 | 4,140 | 6,057 | |
| <u>Replenishment Obligations</u> | | | | | |
| Obligation for Year | -0- | -0- | -0- | -0- | |
| Accumulated Obligation | -0- | -0- | -0- | -0- | |
| Replenishment Required in Following Year | -0- | -0- | -0- | -0- | |

¹ See Table No. 4 of Watermaster Report

² Parentheses indicate that there are no excess extractions and the actual extractions are less than the Base Right by the amount shown.

³ Amounts which may be extracted without replenishment obligation, which in fact are not extracted.

Note: Annual Accounting of Extractions as required in Paragraph VIII of the Judgment.

TABLE NO. 16
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)

| <u>Verified Extractions</u> | CALENDAR YEAR | | | | |
|--|----------------------|----------------------|----------------------|----------------------|------|
| | 1971 | 1972 | 1973 | 1974 | 1975 |
| Base Right for Year | 21,085 | 21,085 | 21,085 | 21,085 | |
| Peaking Allowance @ 20% | 4,217 | 4,217 | 4,217 | 4,217 | |
| Allowable Extractions for Year | 25,302 | 25,302 | 25,302 | 25,302 | |
| Actual Extractions for Year ¹ | 18,108 | 18,588 | 13,986 | 13,583 | |
| Excess Extractions for Year | (2,977) ² | (2,497) ² | (7,099) ² | (7,502) ² | |
| Accumulated Extractions | 18,108 | 36,696 | 50,682 | 64,265 | |
| <u>Replenishment Credits</u> | | | | | |
| Extraction Credit ³ | 2,977 | 2,497 | 7,099 | 7,502 | |
| Return from Excess Extractions | -0- | -0- | -0- | -0- | |
| Actual Replenishment for Year | -0- | -0- | -0- | -0- | |
| Total Credits for Year | 2,977 | 2,497 | 7,099 | 7,502 | |
| Accumulated Credits | 2,977 | 5,474 | 12,573 | 20,075 | |
| <u>Replenishment Obligations</u> | | | | | |
| Obligation for Year | -0- | -0- | -0- | -0- | |
| Accumulated Obligation | -0- | -0- | -0- | -0- | |
| Replenishment Required in Following Year | -0- | -0- | -0- | -0- | |

¹ See Table No. 5 of Watermaster Report

² Parentheses indicate that there are no excess extractions and the actual extractions are less than the Base Right by the amount shown.

³ Amounts which may be extracted without replenishment obligation, which in fact are not extracted.

Note: Annual Accounting of Extractions as required in Paragraph VIII of the Judgment.

TABLE NO. 17
ANNUAL ACCOUNTING
FOR
WESTERN MUNICIPAL WATER DISTRICT
EXTRACTIONS FROM RIVERSIDE BASIN
AREA IN RIVERSIDE COUNTY
(All Values in Acre-Feet)

| <u>Verified Extractions</u> | CALENDAR YEAR | | | | |
|--|---------------|--------|------------------|------------------|------|
| | 1971 | 1972 | 1973 | 1974 | 1975 |
| Base Right for Year | 29,633 | 29,633 | 29,633 | 29,633 | |
| Peaking Allowance @ 20% | 5,927 | 5,927 | 5,927 | 5,927 | |
| Allowable Extractions for Year | 35,560 | 35,560 | 35,560 | 35,560 | |
| Actual Extractions for Year ¹ | 30,942 | 37,804 | 33,094 | 38,304 | |
| Excess Extractions for Year | 1,309 | 8,171 | 3,461 | 8,671 | |
| Accumulated Extractions | 30,942 | 68,746 | 101,840 | 140,144 | |
| <u>Replenishment Credits</u> | | | | | |
| Extraction Credit ² | -0- | -0- | -0- | -0- | |
| Return from Excess Extraction | -0- | -0- | -0- ³ | -0- ³ | |
| Return from Import Water | 331 | 345 | 305 | 346 | |
| Actual Replenishment for Year | -0- | -0- | -0- | -0- | |
| Total Credits for Year | 331 | 345 | 305 | 346 | |
| Accumulated Credits | 331 | 676 | 981 | 1,327 | |
| <u>Replenishment Obligations</u> | | | | | |
| Obligation for Year | 1,309 | 8,171 | 3,461 | 8,671 | |
| Accumulated Obligation | 1,309 | 9,480 | 12,941 | 21,612 | |
| Replenishment Required in Following Year | -0- | 2,244 | -0- | 2,744 | |

¹ See Table No. 6 of Watermaster Report

² Amounts which may be extracted without replenishment obligation, which in fact are not extracted.

³ Credit estimated for 1971 through 1974 as 36% of the accumulated excess extractions after subtracting the Extraction Credits accumulated in the Colton and Riverside Basins within San Bernardino County. For 1973 (12,941 - 4,140 - 12,573) (36%) < 0 and for 1974 (21,612 - 6057 - 20,075) (36%) < 0; therefore no credit has been allowed in 1973 or 1974 for return flow.

Note: Annual Accounting of Extractions as required in Paragraph IX of the Judgment.

TABLE NO. 18
ANNUAL ACCOUNTING
FOR
WESTERN MUNICIPAL WATER DISTRICT

**EXTRACTIONS 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)

| <u>Verified Extractions</u> | CALENDAR YEAR | | | | |
|--|---------------|--------|---------|---------|------|
| | 1971 | 1972 | 1973 | 1974 | 1975 |
| Base Right for Year | 42,535 | 42,535 | 42,535 | 42,535 | |
| Actual Extractions for Year ¹ | 41,612 | 40,314 | 31,128 | 35,020 | |
| Accumulated Extractions | 41,612 | 81,926 | 113,054 | 148,074 | |
| <u>Replenishment Obligations</u> | | | | | |
| Obligation for Year | -0- | -0- | -0- | -0- | |
| Accumulated Obligation | -0- | -0- | -0- | -0- | |

¹ See Table No. 8 of Watermaster Report

Note: Annual Accounting of Extractions as required in Paragraph X of the Judgment.

TABLE NO. 19
ANNUAL ACCOUNTING
FOR
SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
EXTRACTIONS 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)

| <u>Verified Extractions</u> | CALENDAR YEAR | | | | 1975 |
|--|---------------|--------|--------|--------|------|
| | 1971 | 1972 | 1973 | 1974 | |
| Base Right for Year | 12,527 | 12,527 | 12,527 | 12,527 | |
| Actual Extractions for Year ¹ | 16,550 | 17,431 | 21,829 | 16,251 | |
| Accumulated Extractions | 16,550 | 33,981 | 55,810 | 72,061 | |
| <u>Replenishment Credits</u> | | | | | |
| Actual Replenishment for Year | -0- | -0- | -0- | -0- | |
| <u>Replenishment Obligations</u> | | | | | |
| Obligation for Year | 4,023 | 4,904 | 9,302 | 3,724 | |
| Accumulated Obligation | 4,023 | 8,927 | 18,229 | 21,953 | |

¹ See Table No. 9 of Watermaster Report

Note: Annual Accounting of Extractions as required in Paragraph X of the Judgment.

TABLE NO. 20

SUMMARY OF ANNUAL ACCOUNTING
 SAN BERNARDINO VALLEY MUNICIPAL WATER DISTRICT
 AND
 WESTERN MUNICIPAL WATER DISTRICT
 ACCUMULATED CREDITS AND OBLIGATIONS
 AS OF CALENDAR YEAR 1974
 (All Values in Acre-Feet)

| | San Bernardino Basin Area | Colton Basin Area | Riverside Basin Area in San Bernardino County | Riverside Basin Area in Riverside County | Total for All Basins |
|---|---------------------------|-------------------|---|--|----------------------|
| <u>San Bernardino Valley Municipal Water District</u> | | | | | |
| Accumulated Credits | 73,841 ¹ | 0 | 0 | 0 | 73,841 |
| Accumulated Obligation | 21,953 ¹ | 0 | 0 | 0 | 21,953 |
| Replenishment Required in Following Year | 0 | 0 | 0 | 0 | 0 |
| <u>Western Municipal Water District</u> | | | | | |
| Accumulated Credits | 0 | 6,067 | 20,075 | 1,327 | 27,459 |
| Accumulated Obligation | 0 | 0 | 0 | 21,512 | 21,512 |
| Replenishment Required in Following Year ² | 0 | 0 | 0 | 2,744 | 2,744 |

¹ Total accumulated credits and obligations from Tables Nos. 14 and 19.

² The replenishment which was required in the year following 1972, in the amount of 2,244 acre-feet, has not been made. (See Table No. 17).