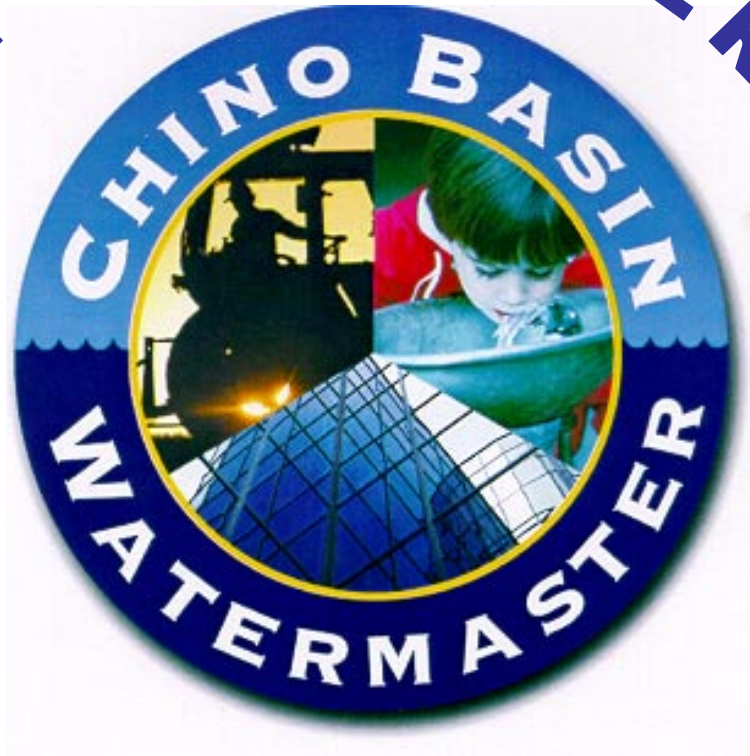


TWENTY THIRD ANNUAL REPORT



Fiscal Year 1999-2000

Case No. RCV 51010

Chino Basin Municipal Water District

v.

City of Chino, ET.AL,

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TWENTY-THIRD ANNUAL REPORT OF THE CHINO BASIN WATERMASTER

The Chino Basin Watermaster (Watermaster) was established under a Judgment entered in the Superior Court of the State of California for the County of San Bernardino, entitled "Chino Basin Municipal Water District v. City of Chino, et al.," (originally Case No. SCV 164327, the file was transferred in August 1989, by order of the Court and assigned new Case No. RCV 51010). The Honorable Judge Howard B. Wiener signed the Judgment on January 27, 1978. The effective date of this Judgment for accounting and operations was July 1, 1977.

The Twenty-Fourth Annual Report (July 1, 1999 – June 30, 2000) presents an overview of the Watermaster process including the Pool Committees, Advisory Committee, and Watermaster activities.

I. INTRODUCTION

Beginning in the early 1970's and continuing for several years, studies and discussions among concerned water producers resulted in the passage in 1974 of a "Memorandum of Agreement on the Chino Basin Plan." In January 1975, Senator Ruben S. Ayala introduced Senate Bill 222 (SB 222) in the California Legislature. This bill authorized a production assessment levy for \$2.00 per acre-foot per year, for a period of three years. The funds were utilized to finance the final effort to draw up a management plan. This effort included conducting essential studies and negotiations to implement a water management program for the Chino Groundwater Basin. SB 222 was chaptered as a part of the Municipal Water District Law at Section 72140 of the California Water Code. It was approved by Governor Ronald Reagan and filed with the Secretary of State on June 28, 1975.

Engineering, legal, and other working subcommittees were formed for the purpose of analyzing and defining specific problem areas. Socio economic, safe yield, and other studies were performed to provide the information necessary to reach an agreement regarding the allocation of producer water rights. Cost savings were achieved by terminating many of the studies as soon as the necessary information was compiled in draft form.

Three groups represented the majority of producer interests. These groups became active early in the negotiations under SB 222. Eventually, the groups formalized into pool committees and became known as the following:

- Overlying (Agricultural) Pool representing dairymen and farmers (including minimal producers) and the State of California;
- Overlying (Non-Agricultural) Pool representing industries; and
- Appropriative Pool, representing cities, water districts, and water companies.

Representatives of the three pool committees, acting together, became known as the Watermaster "Advisory Committee." The Advisory Committee was established as the policy

D. Municipal Water District Representatives

Regular: Terry Catlin	Inland Empire Utilities Agency
Alternate:	John L. Anderson
Regular: Andrew Krueger, Vice-chairman	Three Valleys MWD
Alternate:	David DeJesus
Regular: Lester Boston	Western Municipal Water District
Alternate:	Donald Harriger

During FY , the Watermaster Board held 15 regular meetings, and 6 special meetings, and conducted 1 public hearing. In addition, a majority of the Watermaster Board members attended the Optimum Basin Management Program (OBMP) Workshop Meetings and joint and individual Pool and Advisory Committee meetings (for more detail on the types of meetings and how many were held, refer to the section entitled “Special Ad Hoc Committees and Workshops” on page 6).

III. ADVISORY AND POOL COMMITTEES

A. Overlying (Agricultural) Pool

Each year, an annual election is held to designate members and officers to serve on the Overlying (Agricultural) Pool Committee and Advisory Committee for the next fiscal year. The Annual Meeting was held on July 15, 1999 and resulted in the following members being selected to serve as officers during FY :

Chairman:	Robert DeBerard, Grapes
Vice-Chairman:	Jeff Pierson, Unitex/Corona Farms
Secretary:	Traci Stewart, Chief of Watermaster Services
Treasurer:	Alice W. Lichti, Watermaster Controller

Note: Karen Williams replaced Alice W. Lichti during the fiscal year.

The members designated to administer the Pool Committee’s activities and serve as representatives on the Watermaster Advisory Committee during FY are shown in Appendices A-1 and A-4. It has become the practice of the Pool Committee to designate regular and alternate members as pool representatives to insure a quorum for the Overlying (Agricultural) Pool meetings and adequate participation at Advisory Committee meetings.

During FY 1999-00, 1 regular meeting, 3 special meetings, and 17 Joint Pool and Advisory Committee meetings were held to act on matters affecting the members of this pool and to discuss actions to be forwarded by the Advisory Committee to the Watermaster Board. Additionally, a Joint Overlying (Agricultural) Pool/Appropriative Pool Production Metering Workshop Meeting was held on November 9, 1999. By an

action taken on March 17, 1988, any Overlying (Agricultural) Pool Committee member attending an Appropriative Pool meeting is compensated for attendance.

B. Overlying (Non-Agricultural) Pool

Each year, an annual election is held to designate officers to serve on the Overlying (Non-Agricultural) Pool Committee and Advisory Committee for the next fiscal year. The Annual Meeting was held on July 8, 1999 and resulted in the following members being selected to serve as officers and Advisory Committee representatives during FY 1999-00:

Chairman: Steve Arbelbide, California Steel Industries, Incorporated

Vice-Chairman: Victor Barrion, Reliant Energy, Etiwanda, LLC

Secretary: Traci Stewart, Chief of Watermaster Services

Treasurer: Karen Williams, Accountant/Office Manager

Representatives as shown below were designated to serve on the Watermaster Advisory Committee during FY 1999-00. A complete list of member entities and their designated representatives on Pool Committees and the Advisory Committee is included in Appendices A-2 and A-4.

Steve Arbelbide California Steel Industries, Incorporated

Victor Barrion Reliant Energy, Etiwanda LLC

Lee Redmond III Kaiser Ventures, Incorporated

During FY 1999-00, 1 regular meeting and 17 Joint Pools and Advisory Committee meetings were held to act on matters affecting the members of this pool and to discuss actions to be forwarded by the Advisory Committee to the Watermaster Board. It has been the practice of this pool committee to waive compensation for meeting attendance.

C. Appropriative Pool

Each year, an annual election is held to designate officers to serve on the Appropriative Pool Committee and Advisory Committee for the next fiscal year. The Annual Meeting was held on July 8, 1999 and resulted in the following members being selected to serve as officers during FY 1999-00:

Chairman: Robert DeLoach, Cucamonga County Water District

Vice-Chairman: Mike McGraw, Fontana Water Company

Secretary: Traci Stewart, Chief of Watermaster Services

Treasurer: Alice W. Lichti, Watermaster Controller

Note: Karen Williams replaced Alice W. Lichti during the fiscal year.

During FY 1999-00, 1 special meeting, 2 regular meetings and 17 Joint Pools and Advisory Committee meetings were held to act on matters affecting the members of this pool and to discuss actions to be forwarded by the Watermaster Advisory Committee to the Watermaster Board. Additionally, a Joint Overlying (Agricultural) Pool/Appropriative Pool Production Metering Workshop Meeting was held on November 9, 1999.—A complete list of member entities and their designated representatives in Pool Committee and Advisory Committee is included as Appendices A-3 and A-4.

D. Advisory Committee

The Annual Meeting was held on July 8, 1999. At this meeting, it was decided that the existing slate of officers should continue to serve while the Optimum Basin Management Program (OBMP) was being completed. As a result, the following members represented their pools on the Advisory Committee for FY 1999-00:

Chairman	Robert DeLoach, Appropriative Pool
1st Vice-Chairman	Robert DeBerard, Overlying (Agricultural) Pool
2nd Vice-Chairman	Steve Arbelbide, Overlying (Non-Agricultural) Pool
Secretary	Traci Stewart, Chief of Watermaster Services
Treasurer	Alice W. Lichti, Watermaster Controller

Note: Karen Williams replaced Alice W. Lichti during fiscal the year.

A complete list of Advisory Committee members is included in Appendix A-4.

During FY 1999-00, 17 Joint Pools and Advisory Committee meetings were held to act on matters affecting the pools and to discuss actions to be forwarded by the Advisory Committee to the Watermaster Board.

E. Special Ad Hoc Committees and Workshops

During FY 1999-00, special ad hoc meetings and workshops were held as indicated below:

- 6 OBMP Workshop Meetings
- 8 Recharge Subcommittee Meetings
- 8 Basin Yield Maintenance Subcommittee Meetings
- 14 Attorney/Representative Settlement Conference Meetings
- 1 Public Hearing
- 8 Court Hearings
- 9 Workshops

Information regarding meetings and workshops, as available, may be reviewed by any interested party by contacting the Watermaster business office, 8632 Archibald

Avenue, Suite 109, Rancho Cucamonga, CA 91730. All requests must be in writing and are accepted via regular mail or facsimile.

IV. ADMINISTRATION OF THE JUDGMENT

A. Watermaster Insurance Coverage

Chino Basin Watermaster insurance coverage was continued through Schrimmer Insurance Agency. Coverage includes a Business Liability Package, Auto Liability Package, and Public Officials Liability.

B. Unqualified Audit Opinion, Annual Audit Report, and Expense Reimbursement

For the FY 1999-00, Conrad & Associates submitted an Unqualified Audit Opinion and Audit Report to the Chino Basin Watermaster, which is included in Appendix L. Watermaster Board direct expense reimbursements totaled \$118.98 for FY 1999-00. There were no single reimbursements greater than \$125.00.

C. Engineering Services

During FY 1999-00, Wildermuth Environmental, Inc. continued to assist the Watermaster Board, the Advisory Committee, and the Pool Committees with developing the OBMP, as mandated by the February 19, 1998 Court Ruling. For a summary of the activities and specific tasks assigned to Mr. Wildermuth, please refer to the sections entitled OBMP and Special Projects in this annual report. Collaborative projects with the CBWCD regarding recharge and water sampling were also continued during this period. Additionally, in conjunction with the Chino 1 Desalter, a collaborative effort of groundwater level monitoring was undertaken by Watermaster, SAWPA, and the IEUA.

1. Laboratory Services

Laboratory Services for the Water Quality Monitoring Program were secured through Montgomery Watson Laboratories.

D. Legal Services

The Watermaster Board continued its General Legal Counsel services through the firm of Lemieux & O'Neill through March, 2000. On February 16, 2000, General Legal Counsel services were acquired through the firm of Hatch & Parent. The Advisory Committee was not represented by specific legal counsel as a collective party, but individual members utilized their own legal counsel as they deem necessary. The firm of Nossaman, Guthner, Knox & Elliott continued to represent Chino Basin Watermaster and IEUA on the Markot case. The firm of Reid & Hellyer continued to serve as Special Counsel to the Overlying (Agricultural) Pool.

E. Assessments

The Judgment provides for separate and distinct replenishment assessment formulas for each of the three pools. The administrative assessment formula for each pool is determined on a per acre-foot basis, for each acre-foot of water produced by that pool. Costs per acre-foot vary among the pools based upon their respective total budgets for pool administration and total production during the previous production period. Costs to replace any water extracted in excess of each respective pool's share of operating safe yield are recovered by the application of the following replenishment assessment formulas:

1. Overlying (Agricultural) Pool

The Overlying (Agricultural) Pool pays assessments on a gross basis, such that the total cost of the replenishment water plus the estimated associated spreading costs are divided equally on each acre-foot of water produced during the previous production year. One member of this pool, Los Serranos Country Club (Los Serranos), was also assigned to the Appropriative Pool. Under this special arrangement, Los Serranos is assessed as an appropriator on the portion of its production (65%) that serves an area outside the Chino Groundwater Basin's adjudicated boundary. Los Serranos pays a 100% net replenishment assessment on this portion of its production.

By action taken at the Appropriative Pool Committee meeting on June 7, 1988, the Appropriative Pool assumes the administrative and special project costs of the Overlying (Agricultural) Pool. In exchange, it was agreed to accelerate the reallocation or transfer of all un-pumped agricultural water to the Appropriative Pool from once every five years to each fiscal year. The action became effective during FY 1987-88 and has been continued each year thereafter.

As a result of the Peace Agreement which was approved by the Pools, the Advisory Committee and the Watermaster Board on June 29, 2000 and by the Court on July 13, 2000, a one time transfer of unpumped agricultural pool safe yield was included with the reallocation of un-pumped Overlying (Agricultural) Pool safe yield from production year 1998-99 to the Appropriative Pool for use in FY 1999-00 (see Appendix D).

The total administrative and special projects assessments levied against the Overlying (Agricultural) Pool for FY was \$1,037,846. The Appropriative Pool members were assessed \$26.3044 (\$11.7649 for general administration and special projects and \$14.5395 for the OBMP) per acre-foot for each acre-foot of water reallocated to them. The unit cost of the reallocated water was calculated

as \$1,037,846 divided by the total number of acre-feet to be reallocated during the fiscal year, which were 39,455.320 acre-feet.

Reported production from the pool declined from 96,567 acre-feet in FY 1974-75, to 83,934 acre-feet in FY 1977-78. The Pool Committee decided in FY 1978-79 to purchase and place 2,000 acre-feet of replenishment water in a local storage account. This was done to provide for a potential increase in production during the balance of the five-year period. However, because the production of the Overlying (Agricultural) Pool continued to decline, the pool members decided during FY 1987-88 to sell their water in storage. Revenue from the sale was placed in a restricted, interest-earning account for future use by the Overlying (Agricultural) Pool, as became necessary. The proceeds from the sale, including interest earned, totaled \$445,226.62 as of June 30, 2000.

2. The Overlying (Non-Agricultural) Pool

Assessments for this pool are based on a net replenishment formula. This formula applies the current cost of replenishment water plus the estimated spreading costs to each acre-foot of water produced in excess of a producer's share of safe yield.

The FY 1999-00 budgeted administrative and special projects assessment for the Overlying (Non-Agricultural) Pool was calculated at \$14.1236 (\$5.6661 for general administration and special projects and \$8.4575 for the OBMP) per acre-foot. Replenishment costs were assessed for \$243.00 per acre-foot of water overproduced (\$233.00 plus \$5.00 per acre-foot of IEUA administrative charge and \$5.00 of projected spreading cost).

3. The Appropriative Pool

The Appropriative Pool replenishment costs were assessed for \$243.00 per acre-foot of water overproduced (\$233.00 plus \$5.00 per acre-foot of IEUA administrative charge and \$5.00 of projected spreading cost). The following members, if they overproduce, pay replenishment assessments on a net basis, which includes the current cost of replenishment water plus the estimated cost of spreading.

- Arrowhead Mountain Spring Water Company;
- Department of Toxic Substances Control (formerly Pyrite Canyon Group);
- Los Serranos Country Club;
- Marygold Mutual Water Company;
- Metropolitan Water District of Southern California (MWDSC); and
- City of Pomona

In addition, the City of Norco pays replenishment on a net basis for any replenishment obligation in excess of 1,567,000 acre-feet. Any replenishment necessary by the City of Norco up to the 1,567,000 acre-feet is assessed under the 85/15 formula as set forth in the following paragraphs.

The remaining Appropriative Pool members (and City of Norco if they overproduce less than 1,567,000 acre-feet per year) are assessed under the 85/15 formula. This formula assesses the total cost of replenishment water in two ways:

- Eighty-five percent (85%) on a net basis, on each acre-foot of production over a producer's share of the operating safe yield; and
- Fifteen percent (15%) on a gross basis, uniformly among all producers on each acre-foot produced.

In FY 1999-00, the Appropriative Pool members who participated in the 85/15 formula were assessed \$0.0020 per acre-foot for the gross 15% assessment and \$206.55 per acre-foot for the 85% net assessment, respectively. In addition, each producer was assessed \$11.7457 (\$3.2852 for general administration and special projects and \$8.4605 for the OBMP) per acre-foot to cover the budgeted administrative and special project costs for the pool.

Appendices E-1, E-2, and F summarize other imported supplies during FY 1999-00 used by Appropriative Pool. Appendix G shows the current and historical total water consumption within the Basin.

F. Fiscal Year 2000-01 Watermaster Budget

A summary of the FY 2000-01 Watermaster Budget as shown on page one of the Watermaster Assessments for FY 2000-01 is included in Appendix C. The Watermaster budget was approved by the Watermaster Board on September 28, 2000 subsequent to the end of the fiscal year. It was approved as an interim budget for the six-month period July 1, 2000 through December 31, 2000. Further discussion and action necessary as a result of this action will be reported in the 24th Annual Report for the fiscal year 2000-01.

G. Special Projects

Special projects are initiated by separate work orders (either verbal or written, as a result of committee actions) and approved by the Pool Committees, the Advisory Committee, and the Watermaster Board. Special projects as stated in the Judgment shall consist of special engineering, economic or other studies, litigation expense, meter testing, or other major operating expenses. Additional special project funds are designated and budgeted as required to carry out the OBMP. The new or existing special projects described below were approved for FY 2000-01.

1. The Optimum Basin Management Program - Administration of Program through June 30, 2001.

The Honorable Judge J. Michael Gunn ruled on February 19, 1998 that the Watermaster develop an Optimum Basin Management Program for the Chino Basin under SBSC Case No. RCV 51010 and submit it for hearing by June 15, 2000. This work is to complete the miscellaneous items to implement the program submitted to Judge Gunn. Among the projects being undertaken is the Comprehensive Monitoring Report. Its purpose is to demonstrate hydraulic control and beneficial use based objectives. Upon completion, the Report will be submitted to the Regional Water Quality Control Board (RWQCB). In addition, the OBMP is being memorialized by development of documents that were submitted to the Court on June 15, 2000. These OBMP documents outline the framework to implement the optimum basin management strategy. The process of finalizing the optimum basin management strategy will help to determine the state of the basin and its ability to support current and future water needs.

2. Program Element 1 - Production Monitoring

Production records from wells owned by the Appropriative and Overlying (Non-Agricultural) Pool will continue to be reported quarterly as has been done in the past. Watermaster staff will read the meters on agricultural wells if necessary between mid-May and June 30th of each year. Periodic meter maintenance will be scheduled with work done either by Watermaster staff or an outside contractor depending upon the work to be done. Watermaster staff will enter all production information in the Watermaster database and use this information in the administration of the Judgment. Water use and disposal forms and a supporting database will be developed to track salt and nitrogen loading, and for future safe yield and storage loss determinations. Computer program interfaces and data storage needs will be reassessed and updated to facilitate accessibility of data by all programs used by Watermaster.

3. Program Element 1 - In-line Meter Installation

In order to achieve the objective to accurately monitor groundwater production, the Watermaster is implementing an In-Line Meter Installation Program. The In-Line Meter Installation Program was initiated to install in-line meters on at least 50% of all active agricultural wells that produce more than 10 acre-feet of water per year, by the end of a three-year period. This will be achieved by installing in-line meters on at least 50% of all active wells. In the first year of the program it is anticipated that approximately 150 existing in-line meters and approximately 170 hour-meters will be repaired or replaced and approximately 100 new in-line meters will be installed. In the second and third year of the program, an evaluation will be made as to whether there is a

correlation between the standard method and reference methods currently being used. The information will help to determine whether installing in-line meters on additional wells is necessary.

4. Program Element 1 - Groundwater Level Monitoring Project

Watermaster began a process to develop a comprehensive groundwater level monitoring program in the spring of 1999. The process consists of two parts - an initial survey followed by long-term monitoring at a set of key wells. The initial survey consists of collecting groundwater level data at all wells in the Basin from which groundwater level measurements can be obtained for fall 1999, spring 2000, fall 2000, spring 2001, and fall 2001. The data from the initial survey will be mapped and reviewed. Based on this review and Watermaster management needs, a long-term monitoring program will be developed after the fall 2001 survey. Watermaster staff expects that they will measure groundwater levels in the initial survey at approximately 400 agricultural wells and approximately 100 wells from the other pools and unassigned monitoring wells. The long-term monitoring program will use about half of the wells sampled in the initial survey plus all wells in the other pools and unassigned wells monitored under the direction of the Regional Board and others. Key wells located in agricultural areas will be replaced as necessary if the original well is destroyed when the agricultural land surrounding the well is converted to other use. Watermaster staff will record water levels and input this information in the Watermaster database. Watermaster has also implemented a more comprehensive program for the Chino 1 Desalter.

5. Program Element 1 - Surface Water Quality Monitoring

Watermaster will continue to assess the existing surface water discharge and associated water quality within the Chino Basin and the existing monitoring programs for the Santa Ana River and its Chino Basin tributaries to determine the adequacy of the existing monitoring programs for characterizing historical ambient conditions and their utility in detecting water quality impacts from future Chino Basin management activities. Watermaster staff will continue to obtain grab samples at all existing recharge and retention basins that contribute or have the potential to contribute significant recharge to the Basin. These facilities are listed in Table 4-3 of the OBMP Phase 1 Report.

Additionally, it is envisioned that a cooperative program involving the interested agencies could be developed and a comparison can be made as to what is available from these programs and what additional work, if any, is necessary for Watermaster studies under the OBMP.

6. Program Element 1 - Surface Water Quantity Water Level Sensors Installation and Soils Analysis

Over a three-year period water level sensors will be installed in all recharge and retention basins that contribute significant recharge to the Chino Basin. It is anticipated that a total of 16 new water level sensors may be required. The water level sensors will be located at the bottom of recharge basins in order to evaluate the amount of storm water recharged and the infiltration rate at each basin. Water level data acquisition will be done at the same time as the water quality sampling and will be performed by Watermaster staff. Soil borings and trenching will be done at some basins to determine recharge potential.

7. Program Element 1 - Ground Level Monitoring Program

The Ground Level Monitoring Program is being initiated during FY 2000-01 to determine if and how much subsidence has occurred in the basin. Historical survey data collected and/or on file by federal, state, and local agencies will be compiled, mapped, and reviewed to estimate total subsidence for as long a period as possible. Based on the above information, a network of ground elevation stations in subsidence-prone areas will be developed and periodic surveys of these stations will be done. The frequency of periodic surveys will be established for the Basin as a whole with more frequent surveys predicted for some areas of the Basin. The City of Chino has already conducted a similar survey within their service area. The effort described herein is to expand on the surveys done by the City to include the entire basin. Two extensometers will be constructed - one in the historical subsidence zone in the City of Chino and one in the by-pass well field for Chino Desalter No. 1.

8. Program Element 2 - Comprehensive Recharge Program - Phase 2

The Phase 1 Recharge Master Plan, completed in January 1998, determined the potential for artificial recharge given the resources in the Chino Basin. Phase 2 is to develop and implement funding proposal information and reports for the early action items identified in the Implementation Plan as "Priority A Projects" and addressing the CEQA needs for these projects.

9. Program Element 3 & 5 - Water Supply Plan

Watermaster will develop the preliminary engineering report for expansion of the Chino I Desalter and to build the Chino II Desalter. The report will include the hydrogeologic work that is necessary to support the preliminary design. The preliminary design report must be completed in a timely manner so that grant funding can be made available for these projects.

10. Program Element 4 - Management Zone 1 Management Plan

Watermaster will develop an interim management plan for Management Zone 1 during FY 2000-01. There is some uncertainty as to the causes of subsidence and fissuring and more information is necessary to distinguish among potential causes. The interim management plan will be developed to minimize subsidence and fissuring while new information is collected to assess the cause and to develop an effective long-term management plan. The interim management plan will include voluntarily modifying groundwater production patterns in MZ1 for a five-year period, monitoring the long term balance of recharge and production in MZ1, determining where there are gaps in the existing knowledge and implementing a process to fill those gaps, performing hydrogeologic, geophysical, and remote sensing investigations of MZ1, as well as certain monitoring programs, including piezometric, production, water quality, ground level, and subsidence monitoring and formulating a long-term management plan.

11. Program Element 6 & 7 Cooperative Efforts/Salt Management

Watermaster needs to demonstrate that implementation of the OBMP will lead to groundwater quality improvements. A salt flux method to determine water quality trends and to verify whether the OBMP is improving water quality will be initiated by Watermaster. A coordinated effort by Watermaster and the RWQCB to begin managing groundwater quality will be developed through the formation of an ad hoc water quality committee.

12. Program Elements 8 & 9 Storage Management/Conjunctive Use

Watermaster will perform preliminary work on the engineering and environmental issues of developing and implementing a storage and recovery or conjunctive use storage program. Storage Management will address and protect storage capacity in the groundwater basin for all the overlying interests in the basin, while a storage and recovery or conjunctive use program will provide opportunities for both in-basin and outside interests to utilize the large storage capacity in the groundwater basin to optimize local and regional water supplies. This project will provide a framework for Watermaster to proceed with the programs by: determining operating and safe storage, evaluating supplemental water in storage, and developing procedures and guidelines necessary for funding proposals and agreements.

For additional OBMP information, please contact the Watermaster office or visit the Watermaster website at www.cbwm.org.

H. Mailing Lists

Mailing lists of the active parties are updated on a routine basis through the use of the United States Post Services (USPS) "Address Correction Requested Service,"

whereby any address change reported to the USPS is provided to Watermaster after each mailing. Databases are updated upon receipt of notice from the USPS and from other sources of address change. A current listing of active parties is available for review upon request.

I. New Party Interventions

New Party Interventions are accumulated on a regular basis as land ownership changes or new parties begin production. Changes in ownership are most frequently discovered during the quarterly production reporting and well inspection processes. New party production is normally discovered when Watermaster staff locates new wells during routine field inspections. Parties who no longer own property with water production facilities are considered inactive and are accounted for as such. During FY 1999-00, there were no interventions processed as reflected in Appendix J.

J. Redetermination of the Chino Groundwater Basin's Operating Safe Yield

On June 30, 2000, the Chino Basin Watermaster Program closed its 23rd year of operation under the Judgment. Beginning June 30, 1982, redetermination of the Chino Groundwater Basin's operating safe yield could be considered. There were no changes recommended during the FY 1999-00.

Pursuant to Exhibit I, Page 80, Paragraph 2b of the Judgment, Quantitative Limits stated that "In no event shall Operating Safe Yield in any year be less than the Appropriative Pool's share of Safe Yield, nor shall it exceed such share of Safe Yield by more than 10,000 acre-feet. The initial Operating Safe Yield is hereby set at 54,834 acre-feet per year. Operating Safe Yield shall not be changed upon less than five years notice by Watermaster." Pursuant to this provision of the Judgment, Watermaster hereby posts its sixteenth "Notice of Intent to Change the Safe Yield in the Chino Groundwater Basin" as shown in Appendix K.

V. RESOURCES MANAGEMENT

A. Quarterly Accounting of Water Production

Quarterly production reporting forms are mailed to users of all active wells in the Chino Groundwater Basin. The Overlying (Agricultural) Pool's quarterly production was compiled from meter readings taken on those wells equipped with water measuring devices. A water duty method, which relates the acreage of crops grown or the number of animals maintained to water use in acre-feet, was used to compute the production for those users without measuring devices.

B. San Bernardino County Flood Control District (SBCFCD)

During FY 1999-00 the cooperative relationship between the SBCFCD and the Watermaster continued. The SBCFCD continued to participate in Watermaster activities

through an assigned representative who regularly attended and participated at the Pool, Advisory Committee, Watermaster Board, and OBMP related meeting and workshops.

C. Cyclic Storage Agreement

Cyclic storage is defined in the Chino Basin Watermaster Uniform Groundwater Rules and Regulations Paragraph 1.2.2 Cyclic Storage, as the “pre-delivery of replenishment water.” The Cyclic Storage Agreement with Metropolitan Water District of Southern California (MWDSC) expired on December 31, 1998. MWDSC chose not to extend the agreement for the next fiscal year, however during FY 1999-2000, discussions were initiated as part of the OBMP process to develop a conjunctive use program for the Chino Basin. It is anticipated that the water in the Cyclic Storage Account will become a part of the overall program. Please refer to Appendix E-1 for a summary of the MWDSC deliveries to the Basin and Appendix E-2 for a summary of the cyclic storage account activity during FY 1999-00.

D. Stringfellow Acid Pits

During FY 1985-86, Pool Committees addressed various mitigation measures in regard to the Stringfellow Acid Pits. The Committees determined the need for a cooperative effort throughout the water industry in dealing with contamination problems in the Chino Groundwater Basin. Pursuant to the Advisory Committee’s action, Watermaster petitioned the Court to allow the export of a maximum of 300 acre-feet of water annually. The Court approved the petition in November 1985. During FY 1999-00, 82.3 acre-feet of contaminated groundwater was removed and exported from the site. As of June 30, 2000, 660.177 acre-feet of contaminated water has been exported from the Chino Basin. During FY 1999-00, the California Department of Toxic Substances Control continued its responsibility for the Stringfellow program.

E. Local Water in Storage for Recapture/Sales/Transfers

Recapture, sales and transfers of water in local storage that occurred among the Appropriative and Overlying (Non-Agricultural) Pool members during FY 1999-00 totaled 30,615.316 acre-feet (see Appendix I-1). Water Rights Lease Agreements, negotiated among the Appropriative Pool members during FY 1999-00 totaled 37,709.752 acre-feet.

F. Assignments

Pursuant to the Judgment, Exhibit G, Paragraph 6, Assignment, “ Any appropriator who may, directly or indirectly, undertake to provide water service to such overlying lands may, by an appropriate agency agreement on a form approved by Watermaster, exercise said overlying right to the extent, but only to the extent necessary to provide water service to said overlying lands.”

Assignments that occurred among the Appropriative and Overlying (Non-Agricultural) Pool members during FY totaled 3,008.906 acre-feet (see Appendix I-2). Prior to FY 1994-95 assignments were not recorded in the Annual Report, however they were included in the Summary of Groundwater Production filed with the Court each year.

G. Local Storage

1. Storage Limits

During FY 1999-00, the Pool Committees continued to consider what losses, if any, should be assigned to local water in storage. During the fiscal year, storage management became an element of the OBMP and a subcommittee was formed to address storage issues and concepts (for more detail refer to the OBMP Phase I Report.)

2. Local Storage Agreements

In FY 1999-00, there were no requests for Local Storage Agreements. Appendix H summarizes the status of each of the local storage agreements.

H. California Environmental Quality Act (CEQA) Process.

During FY 1999-00 it was decided that the Inland Empire Utilities Agency would act as the lead agency to prepare a Program Environmental Impact Report (PEIR) under the CEQA provisions for the projects being considered as part of the OBMP. This PEIR was developed and forwarded through the Watermaster process to the Pools, Advisory Committee, the Watermaster Board and finally to the Court for consideration and approval. A copy of the Final Report is available for review at the Watermaster office.

APPENDIX A-1

OVERLYING (AGRICULTURAL) POOL COMMITTEE FISCAL YEAR 1999-00

<u>Regular Representative</u>	<u>Alternate Representative</u>	<u>Member Entity</u>
*Robert DeBerard, Chairman		Grapes
Robert Feenstra	Nathan deBoom	Milk Producers Council
Bryan Molloy	Charles Davis, PIA Frank Lopez, CIW	State of California
Jenny De Boer	Arlan Van Leeuwen	Dairy
Dick Dykstra		Dairy
Jack Hagerman, CIM	Frank Warren, CYA Rick Buffington, CIM	State of California
Gene Koopman	Mary Parente	Milk Producers Council
Marilyn Levin, Dep. A.G.	Douglas Noble, Attorney General Office Carlos Lozano, CYA	State of California
Dana Oldenkamp		Milk Producers Council
*Jeff Pierson, Vice-Chairman	Ray Allard	Unitex/Corona Farms

** *Pool Committee Officers*

- (1) Committee members from the State of California waive compensation.
- (2) *PIA: Prison Industries Authorities*
- (3) *CIM: California Institution for Men*
- (4) *CIW: California Institution for Women*
- (5) *CYA: California Youth Authority*

APPENDIX A-2

**OVERLYING (NON-AGRICULTURAL) POOL COMMITTEE
FISCAL YEAR 1999-00**

<u>Member Entity</u>	<u>Representative</u>
Ameron	Mark Ward
Angelica Rental Service	Eric Vaughn
California Steel Industries (CSI)	**Steve Arbelbide, Chairman
Calmat (Conrock)	George Cosby
General Electric Company	Mark Gage/David Thompson
Kaiser Ventures Incorporated (KVI)	*Lee Redmond III
Mobile Community Management (For Swan Lake Mobile Home Park)	David Starnes
Praxair	Wayne Salmi
San Bernardino County, Department of Airports	Robert Olislagers
Sunkist Growers Incorporated	Eric Wang
Reliant Energy, Etiwanda	**Vic Barrion, Vice-Chairman
Space Center Mira Loma	Michael Thies
California Speedway	Scott Atherton

* *Advisory Committee representatives*
** *Pool Committee Officers*

APPENDIX A-3

**APPROPRIATIVE POOL COMMITTEE
FISCAL YEAR 1999-00**

<u>Member Entity</u>	<u>Representative</u>
Arrowhead Mountain Springs Water Company	Laura Coombs
*Chino, City of	Dave Crosley
*Chino Hills, City of	Mike Maestas
**Cucamonga County Water District	Robert DeLoach, Chairman
Fontana, City of	Curtis Aaron
*Fontana Union Water Company	Gerald Black
**Fontana Water Company	Mike McGraw, Vice-Chairman
Inland Empire Utilities Agency	Rich Atwater
*Jurupa Community Services District	Carole McGreevy
Los Serranos Country Club	Kevin Sullivan
Marygold Mutual Water Company	Bill Stafford
Monte Vista Irrigation Company	Mark Kinsey
*Monte Vista Water District	Mark Kinsey
Norco, City of	Joe Schenk
*Ontario, City of	Ken Jeske
Pomona, City of	Henry Pepper
Dept. of Toxic Substances Control (formerly Pyrite)	Tej Pahwa
*San Antonio Water Company	Ray Wellington
*Santa Ana River Water Company	Arnold Rodriguez
San Bernardino, County of	Phil Krause
Southern California Water Company	Chet Anderson
*Upland, City of	Jim Moody
West End Consolidated Water Company	Jim Moody
West San Bernardino County Water District	Anthony Araiza

* *Advisory Committee representatives*

** *Pool Committee Officers*

APPENDIX A-4

**WATERMASTER ADVISORY COMMITTEE
FISCAL YEAR 1999-00**

Overlying (Agricultural) Pool

Regular Representative

*Robert DeBerard, Vice-Chairman

Robert Feenstra

Brian Molloy, State of California, CIM

Jenny DeBoer, Dairy

Dick Dykstra, Dairy

Jack Hagerman, State of California

Gene Koopman, MPC, Chairman

Marilyn Levin, Deputy AG, State of California

Dana Oldenkamp, MPC

Jeff Pierson, Unitex /Corona Farms

Alternate Representative

Nathan DeBoom, MPC

Charles Davis, State of California, PIA

Frank Lopez, State of California, CIW

Arlan Van Leeuwen, Dairy

Frank Warren, State of California, CYA

Rick Buffington, State of California, CIM

Mary Parente, MPC

Douglas Noble, AG's Office, State of California

Carlos Lozano, State of California, YTS

Ray Allard, Unitex/Corona Farms

Overlying (Non-Agricultural) Pool

Member Entity

California Steel Industries

Reliant Energy, Etiwanda

Kaiser Ventures Incorporated

Representative

*Steve Arbelbide, 2nd Vice-Chairman

Vic Barrion

Lee Redmond, III

Appropriative Pool

Member Entity

City of Chino

City of Chino Hills

City of Ontario

City of Pomona

City of Upland

Cucamonga County Water District

Fontana Union Water Company

Fontana Water Company

Monte Vista Water District

Jurupa Community Services District

San Antonio Water Company

Santa Ana River Water Company

Representative

Dave Crosley

Mike Maestas

Ken Jeske

Henry Pepper

Jim Moody

*Robert DeLoach, Chairman

Gerald Black

Mike McGraw

Mark Kinsey

Carole McGreevy

Ray Wellington

J. Arnold Rodriguez

**Chairman, Vice-Chairman, 2nd Vice-Chairman - Advisory Committee*

APPENDIX B ⁽¹⁾

**GROUNDWATER PRODUCTION BY POOL
(ACRE-FEET)**

Fiscal Year	Appropriative Pool	Overlying (Agricultural) Pool	Overlying (Non-Agricultural) Pool	Total
74-75	70,312	96,567	8,878	175,757
75-76	79,312	95,349	6,356	181,017
76-77	72,707	91,450	9,198	173,355
77-78	60,659	83,934	10,082 ⁽²⁾	154,675
78-79	60,597	73,688	7,127	141,412
79-80	63,834	69,369	7,363	140,566
80-81	70,726	68,040	5,650	144,416
81-82	66,731	65,117	5,684	137,532
82-83	63,481	56,759	2,395	122,635
83-84	70,558	59,033	3,208	132,799
84-85	76,912	55,543	2,415	134,870
85-86	80,859	52,061	3,193	136,113
86-87	84,662	59,847	2,559	147,068
87-88	91,579 ⁽³⁾	57,865	2,958	152,042
88-89	93,617 ⁽⁴⁾	46,762	3,619	143,998
89-90	101,344 ⁽⁵⁾	48,420	4,856	154,620
90-91	86,658 ⁽⁶⁾	48,085	5,407	140,150
91-92	91,982 ⁽⁷⁾	44,682	5,240	141,904
92-93	86,367 ⁽⁸⁾	44,092	5,464	135,923
93-94	80,798 ⁽⁹⁾	44,298	4,586	129,682
94-95	93,419 ⁽¹⁰⁾	55,022	4,327	152,768
95-96	101,606 ⁽¹¹⁾	43,639	5,424	150,669
96-97	110,163 ⁽¹²⁾	44,809	6,309	161,281
97-98	97,435 ⁽¹³⁾	43,345	4,955 ⁽¹⁴⁾	145,735
98-99	107,723	47,538	7,006	162,267
99-00	126,645	44,401	7,774	178,820

APPENDIX B
GROUNDWATER PRODUCTION BY POOL
NOTES

- (1) Assessed production or production reported in Annual Reports
- (2) Includes 3,945 AF of mined water pumped by Edison as agent for IEUA.
- (3) Does not include 7,674.3 AF exchanged with MWDSC.
- (4) Does not include 6,423.6 AF exchanged with MWDSC.
- (5) Does not include 16,377.1 AF exchanged with MWDSC.
- (6) Does not include 14,929.1 AF exchanged with MWDSC.
- (7) Does not include 12,202.4 AF exchanged with MWDSC.
- (8) Does not include 13,657.3 AF exchanged with MWDSC.
- (9) Does not include 20,194.7 AF exchanged with MWDSC.
- (10) Does not include 4,221.9 AF exchanged with MWDSC.
- (11) Does not include 6,167.2 AF exchanged with MWDSC and reflects corrected production after reporting errors accounted for.
- (12) There were no MWDSC exchanges in FY 96-97 and reflects corrected production after reporting errors were accounted for.
- (13) Does not include 4,275.4 AF exchanged with MWDSC.
- (14) Does not include 216.5 AF exchanged with MWDSC.

APPENDIX C
SUMMARY OF ADMINISTRATIVE AND REPLENISHMENT ASSESSMENT
BUDGETS
FISCAL YEAR 2000-01

THIS APPENDIX IS ON FILE AT WATERMASTER OFFICES

APPENDIX D

**SUMMARY OF
REALLOCATION OF UNPRODUCED OVERLYING (AGRICULTURAL) POOL
SAFE YIELD FROM PRODUCTION YEAR 1999-00
INCLUDING ONE TIME TRANSFER PER PEACE AGREEMENT*
TO THE APPROPRIATIVE POOL FOR USE
IN FISCAL YEAR 2000-01
(ACRE-FEET)**

THIS APPENDIX IS ON FILE AT WATERMASTER OFFICES

APPENDIX E-1

**SUMMARY OF MWDSC DELIVERIES⁽¹⁾
FISCAL YEAR 1999-00
(ACRE-FEET)**

Month	Water Facilities Authority						SCE CB-01	CCWD CB7&16	Pomona PM-15	Total
	UPLAND	MVWD	ONTARIO	CHINO	CHINO HILLS	(CB-12) TOTAL				
JUL	649.8	1642.6	1284.3	532.9	538.5	4648.1	60.9	2596.3	376.2	7305.3
AUG	694.2	2057.8	1367.6	556.1	257.7	4933.4	58.3	2803.9	489.9	7795.6
SEP	348.3	1776.0	950.6	533.9	126.0	3734.8	22.6	2272.5	405.1	6029.9
OCT	407.1	1712.7	1086.2	530.0	0.0	3736.0	47.2	2131.8	377.9	5915.0
NOV	63.8	964.5	393.0	412.5	0.0	1833.8	0	1651.8	97.6	3485.6
DEC	9.7	796.7	346.9	390.5	0.0	1543.8	0	2191.1	96.2	3734.9
JAN	1.4	561.9	312.0	376.0	0.0	1251.3	0.0	2348.0	37.5	3599.3
FEB	12.3	320.2	142.5	332.6	0.0	807.6	0.0	1581.3	0.1	2388.9
MAR	69.9	519.8	107.1	270.9	0.0	967.7	0.0	1687.3	56.7	2655.0
APR	184.1	1123.5	513.1	346.1	0.0	2166.8	0.0	2289.2	120.9	4456.0
MAY	399.1	1636.1	958.2	402.4	2.9	3398.7	48.7	2542.3	275.9	5989.7
JUN	807.8	1825.5	1362.2	510.8	87.3	4593.6	75.1	2824.0	433.9	7492.7
Total	3647.6	14937.3	8823.6	5194.7	1012.5	33615.7	312.8	26919.5	2767.9	60848.0

Total Metropolitan Water District of Southern California (MWDSC) direct deliveries used in Chino Basin including Pomona equals 60,848.0 + 2,767.9 = 63,615.9 AF.

- (1) A breakdown of categories of water is available upon request. Watermaster replenishment is not included. Includes water exchanged with MWDSC (none in FY 99-00).
- (2) Figures reflect 37.8% of the total MWDSC water delivered that was used over the Chino Basin (based on estimated land use area physically located within the Chino Basin adjudicated boundary).
- (3) During FY 1999-00, Ontario did not take any deliveries through the CB-2 connection.

NOTE: Rounding may have an insignificant impact.

APPENDIX E-2

**SUMMARY OF COOPERATIVE, REPLENISHMENT, AND CYCLIC ACTIVITIES
FISCAL YEAR 1999-00
(ACRE-FEET)**

Cooperative Activity (1)		Groundwater Replenishment Purchased from Cyclic (3)			Groundwater (2) Replenishment Activity		Total
Month	Produced from Cooperative	CB-12	CB-14T Etiwanda	CB-OC- 59 Montclair		CB-OC- 59 Montclair	
Jul							
Aug							
Sep							
Oct							
Nov							
Dec							
Jan		200.9	242.6	214.0			657.5
Feb							
Mar							
Apr						358.3	358.3
May						642.5	642.5
Jun							
Total	*1,100.0	200.9	242.6	214.0		1,000.8	2758.3

- (1) During FY 1999-2000 Monte Vista Water District sold 1,100.0 AF of Cooperative Storage Account water to the City of Ontario. There were no additional deliveries into cooperative storage during FY 99-00. There was a balance of 10.0 AF remaining which was transferred to MVWD's storage account. *The delivery of 1,110.0 AF was not invoiced by MWD until August 2000 (FY00-01) but is shown in the totals above.
- (2) Monte Vista Water District pre-purchased 1,000.8 AF to offset overproduction in FY99/00.
- (3) As of June 30, 2000, the balance of MWDSC's Cyclic Storage Account is 36,122.9 AF.

APPENDIX F

**SUMMARY OF IMPORTED SUPPLIES
FISCAL YEAR 1999-00
(ACRE-FEET)**

Member Agency	Other Basins	Surface Diversion s	MWDSC Imported Surface Deliverie s	Recycle d Water	Total ⁽¹¹⁾
Cucamonga County Water District ⁽²⁾	12,800.1	4,861.6	0		17,661.7
Inland Empire Utilities Agency ⁽¹⁾	0	0	0	5,778.6	0
Fontana Water Company ⁽³⁾	17,401.2	3,832.8	0		21,234.0
Marygold Mutual Water Company ⁽⁴⁾	1,519.6	0	0		1,519.6
MWDSC ⁽⁵⁾	0	0	60,848.0		60,848.0
Pomona, City of ⁽⁶⁾	3,334.7	1,597.8	2,767.9		7,700.4
San Antonio Water Company ⁽⁷⁾	9,428.1	535.6	0	0	9,963.7
State of California, CIM ⁽⁸⁾	0	0	0	820.8	0
West End Consolidated Water Co ⁽⁹⁾	3,715.0	0	0		3,715.0
West San Bernardino CWD ⁽¹⁰⁾	6,565.8	0	0		6,565.8
Total	54,764.5	10,827.8	63,615.9	6,599.4	129,208.2

- (1) IEUA provided 5778.6 AF of recycled water in FY99-00. A breakdown of individual deliveries follows: San Bernardino County/Prado Lake/Golf Course (2,015.5 AF) , Whispering Lakes Golf Course in Ontario (1,047.8 AF), Westwind Park in Ontario (26.1 AF) Chino (368.4 AF), Chino Hills (128.9 AF) , CCWRF/RP2 (1,685.4 AF) and 506.6 AF from the Ely Basin Recharge Project.
- (2) Imported water includes groundwater produced from Cucamonga Basin and surface water runoff captured from Day Creek and Deer Canyon.
- (3) The imported water includes water produced from other groundwater basins and Lytle Creek surface water production diverted for use in Chino Basin.
- (4) Imported groundwater produced from wells owned by the City of Rialto, located in the Rialto Basin.
- (5) Amount of MWDSC deliveries to the IEUA service area, excluding that delivered and used in the City of Pomona (also listed in Appendix E-1).
- (6) Imported groundwater includes 1,165.8 AF from Pomona Basin, 1,705.8 AF from Claremont Basin, and 463.0 AF from Spadra Basin. The MWDSC delivered 2,767.9 AF to Pomona through Three Valleys MWD and used in Chino Basin (also listed in Appendix E-1).

- (7) An amount of 535.6 AF was treated local canyon flow used in the overlying Chino Basin. The imported groundwater was 636.6 AF from San Antonio Tunnel, 7,979.8 AF from Cucamonga Basin, and 811.7 AF from Six Basins.
- (8) Recycled wastewater that was applied to fields, including water held in storage ponds.
- (9) Figure includes 2,996 AF from Claremont Heights Basin and 719 AF from Cucamonga Basin.
- (10) Listed amount was delivered to “meter book” service area.
- (11) Recycled water is not included in the total.

APPENDIX G

TOTAL WATER CONSUMPTION WITHIN CHINO BASIN ⁽¹⁾ (ACRE-FEET)

Fiscal Year	Chino Basin Extractions ⁽²⁾	Other Imported Supplies ⁽³⁾	Total
1974-75	175,757	49,383	225,140
1975-76	181,017	57,686	238,703
1976-77	173,355	55,765	229,120
1977-78	154,675	61,567	216,242
1978-79	142,412	75,864	217,276
1979-80	140,566	70,727	211,293
1980-81	144,416	77,765	222,181
1981-82	137,532	67,491	205,023
1982-83	122,635	76,000	198,635
1983-84	132,799	99,257	232,056
1984-85	134,870	92,952	227,822
1985-86	136,113	114,624	250,737
1986-87	147,068	126,493	273,561
1987-88	152,402	116,175	268,577
1988-89	143,998	128,167	272,165
1989-90	154,620	139,004	293,624
1990-91	140,151	116,493	256,644
1991-92	141,904	104,480	246,384
1992-93	135,923	117,205	253,128
1993-94	129,682	136,038	265,720
1994-95	152,768	116,797	269,565
1995-96	150,669	130,494	281,163
1996-97	161,281 ⁽⁴⁾	115,031	276,312
1997-98	145,735	106,360	252,095
1998-99	162,267	113,040	275,307
1999-00	178,820	129,208	308,028

(1) Total includes water used over Cucamonga Basin.

(2) Source: Watermaster Assessment Packages. Total production in Appropriative Pool of 126,645 AF (excludes exchanges) plus Non-Ag production of 7,774 AF and Ag Pool production in the amount of 44,401 AF.

- (3) Total does not include recycled water, cyclic deliveries, water delivered by exchange, or water from direct spreading that was used for replenishment (see Appendices E-1, E-2, and F).
- (4) Reflects corrected production after reporting errors were accounted for.

APPENDIX H

**LOCAL GROUNDWATER STORAGE ACCOUNT STATUS
FISCAL YEAR 1999-00
(ACRE-FEET)**

Appropriative Pool

Entity	No.	Date of Agreement(s)	Amount of Agreement(s)	Amount in Storage	Total
Chino, City of	12	01/23/85	15,000.000	1,306.513	1,306.513
Chino Hills, City of	18.1	04/06/88	15,000.000	9,414.078	9,414.078
Cucamonga CWD	10.3	06/07/89	50,000.000	23,295.503	23,295.503
Jurupa CSD	30	07/06/94	20,000.000	6,951.125	6,951.125
Marygold Mutual WC	16.3	07/07/93	2,000.000	1,896.521	1,896.521
Monte Vista Irrigation Co	17	05/07/89	500.000	500.000	7,015.313
	17.1	06/06/90	2,500.000	6,515.313	
Monte Vista WD	27.1	08/14/97	34,023.843	4,194.367	4,194.367
Norco, City of	31.0	11/02/94	2,000.000	366.198	366.198
Ontario, City of	11.1	07/06/94	20,000.000	10,000.000	10,000.000
Pomona, City of	15.2	06/06/90	10,000.000	10,000.000	23,669.235
	15.3	08/05/92	10,000.000	10,000.000	
	15.4	07/07/93	10,000.000	3,669.235	
San Antonio Water Co	3	08/15/80	2,500.000	2,500.000	17,422.509
	3.1	11/05/86	2,500.000	2,500.000	
	3.2	04/06/88	10,000.000	12,422.509	
Santa Ana River WC	20	05/06/87	1,500.000	538.389	538.389
Southern California WC	23	12/07/88	500.000	2,098.825	2,098.825
Upland, City of	24	04/05/89	1,000.000	1,000.000	10,971.788
	24.1	06/06/90	8,000.000	9,971.788	
West End Consolidated WC	13.2	08/05/92	6,000.000	10,487.135	10,487.135
West San Bernardino CWD	25	01/10/91	3,000.000	4,092.028	4,092.028
Watermaster	29	08/05/92	10,000.000	36,622.746	36,622.746
Total			236,023.843	170,342.273	170,342.273

APPENDIX H - Continued

**LOCAL GROUNDWATER STORAGE ACCOUNT STATUS
FISCAL YEAR 1999-00
(ACRE-FEET)**

Overlying (Non-Agricultural) Pool

Entity	No.	Date of Agreement(s)	Amount of Agreement(s)	Amount in Storage	Total
Ameron Steel	6	03/30/83	100.000	100.000	1,365.091
	6.1	04/06/88	500.000	500.000	
	6.2	08/05/92	500.000	765.091	
Vulcan Materials Co (Calmat Division)	1	06/30/79	1,589.220	1,589.220	6,944.178
	1.1	05/30/84	1,589.220	1,589.220	
	1.2	02/07/90	1,589.220	3,765.738	
Kaiser Ventures, Inc.	9.1	10/07/87	15,000.000	4,547.044	4,547.044
Praxair, Inc.	8.2	04/06/88	3,000.000	2,776.566	2,776.556
Reliant Energy, Etiwanda	14.1	04/06/88	5,000.000	6,287.041	6,287.041
Southern Cal Edison Co	***		0	27.959	27.959
Space Center Mira Loma	4	03/31/82	100.000	100.000	460.019
	4.1	11/05/86	200.000	360.019	
Sunkist Growers Inc.	7	03/31/83	2,500.000	2,500.000	6,825.715
	7.1	11/05/86	5,000.000	4,325.715	
Swan Lake	21	05/06/87	300.000	300.000	1,789.723
	21.1	05/06/91	500.000	1,489.723	
Total			37,467.66	31,023.336	31,023.326

* Total Agreements now reflects the actual amount of storage agreements entered into where storage occurred. The agreements that expired during the last 5-years or that were never utilized have been removed from the list.

** On October 9, 1992, West Venture Development notified Watermaster of its intent to abandon its overlying annual water right of 15.657 acre-feet. In FY2000-01 it is anticipated that the water in storage will be abandoned and the safe yield will be reallocated by some mutually agreed upon method, to the remaining members of the pool .

APPENDIX I-1

**RECAPTURES, SALES, AND LEASES
FISCAL YEAR 1999-00
(ACRE-FEET)**

From	To	Use*	Lease	Sale	Recapture
Chino, City of	Ontario, City of	4		602.870	
Chino Hills, City of	Ontario, City of	4		1,368.340	
Chino Hills, City of	Monte Vista Water District	2		500.000	
Cucamonga CWD	Fontana Water Company	2		19,746.75 2	
Cucamonga CWD	Jurupa CSD	2		5,000.000	
Fontana Union Water Co	Cucamonga CWD	2	13,768.50 6		
Marygold Mutual Water Co	Fontana Water Company	2		1,200.000	
Monte Vista Irrigation Co	Monte Vista Water District	2		200.000	
Monte Vista Water District	Ontario, City of	4		152.110	
Monte Vista Water District	Ontario, City of	2		1000.000	
Pomona, City of	Ontario, City of	2	7,900.000		
Pomona, City of	Pomona, City of	2			4,946.81 0
Pomona, City of	Reliant Energy, Etiwanda	1	2,500.000		
San Antonio Water Co	Ontario, City of	2			
San Antonio Water Co	Chino, City of	2		2,000.000	
San Antonio Water Co	Jurupa CSD	2		650.000	
Santa Ana River Water Co	Jurupa CSD	2	1,500.000		
Upland, City of	Ontario, City of	4		289.680	
Upland, City of	Ontario, City of	2		5,000.000	
Total			25,668.50 6	37,709.75 2	4,946.81 0

Use*

- (1) Placed in storage.
- (2) Offset production.
- (3) Satisfy replenishment.

(4) Part of a WFA settlement ,used to offset 99/00 Production .

Note: Ontario also purchased 1,100 AF from MVWD's Cooperative Storage Account. It is not reflected in the totals above.

APPENDIX I-2
ASSIGNMENTS
FISCAL YEAR 1999-00
(ACRE-FEET)

To	From	Amount	Total Amount
Chino, City of	County of San Bernardino Department of Airports	129.400	129.400
Fontana Water Company	Praxair Incorporated	205.076	205.076
Jurupa CSD	Norco, City of	146.722	1,225.457
	Santa Ana River Water Company	692.815	
	Space Center Mira Loma	96.900	
	Swan Lake Mobile Home Park	289.020	
Ontario, City of	Sunkist Growers, Inc.	1,448.973	
Total		3,008.906	3,008.906

APPENDIX J

**NEW PARTY INTERVENTIONS
APPROVED IN
FISCAL YEAR 1999-00**

Overlying (Agricultural) Pool

None

Overlying (Non-Agricultural) Pool

None

Appropriative Pool

None

APPENDIX K

**CHINO BASIN WATERMASTER'S
"NOTICE OF INTENT" TO CHANGE THE OPERATING SAFE YIELD
OF THE CHINO GROUNDWATER BASIN
FISCAL YEAR 1999-00**

PLEASE TAKE NOTICE that on this 30th day of June 2000, Chino Basin Watermaster hereby files this 'NOTICE OF INTENT' to change the operating safe yield of the Chino Groundwater Basin pursuant to the Judgment entered in Chino Basin Municipal Water District v. City of Chino, et al., San Bernardino Superior Court, Case No. RCV 51010 (formerly Case No. 164327) (Exhibit I, Paragraph 2b, Page 80).

Approved by the
Watermaster Advisory Committee

CHINO BASIN WATERMASTER

By: *Robert DeLoach*
Chairman

By: *Robert Neufeld*
Robert Neufeld, President

ATTEST:

By: *Josephine Johnson*
Josephine Johnson, Secretary

APPENDIX L

**COMPREHENSIVE ANNUAL FINANCIAL REPORT
FISCAL YEAR 1999-00**

**THIS APPENDIX IS ON FILE AT WATERMASTER
OFFICES!**