

CHINO BASIN WATERMASTER  
FOR  
CHINO BASIN MUNICIPAL WATER DISTRICT  
VS  
CITY OF CHINO, ET AL.

CASE NO. 164327

SECOND  
ANNUAL REPORT  
OF THE  
CHINO BASIN WATERMASTER  
1978/79

WEST SAN BERNARDINO COUNTY WATER DISTRICT

OCTOBER 31, 1979

January 1980

TO: ALL ACTIVE AND CONCERNED PARTIES IN CHINO BASIN CASE NO. 164327

This Second Annual Report of Watermaster Activities is for your information. Honorable Judge Don A. Turner of San Bernardino Superior Court ordered acceptance of this report on December 14, 1979.

A brief summary of activities during this reporting period (July 1, 1978 through June 30, 1979) is as follows.

Total production from the Basin during 1978/79 was 141,412 acre feet, of which 60,597 was produced by the Appropriative Pool, 73,688 Overlying (Agricultural) Pool; and 7,127 by the Overlying (Non-Agricultural) Pool.

A total of 1,569 acre feet of rights were leased among the members of the Appropriative Pool. The operating safe yield rights (776.94 acre feet) of the Mira Loma Water Company was transferred to the Jurupa Community Services District.

Replenishment water purchases for over production totaled 12,638.4 acre feet. In addition to this, 15,756.6 acre feet of Cyclic Storage Water were delivered. In-Lieu surface deliveries totaled 4,911.1 acre feet. Total water consumed for beneficial use was 217,216 acre feet. Since the implementation of the Judgment through June 30, 1979, 35,372.8 acre feet of water have been percolated into the Basin from imported supplies.

The Local Storage Agreement was made available for use by the members of the Judgment with the Conrock Company being the first and only producer initiating this standard agreement for 1,589 acre feet.

Assessments paid by pool are as follows:

Appropriative	\$585,489
Overlying (Non-Agricultural) Pool	22,479
Overlying (Agricultural) Pool	157,013

TOTAL....\$764,981

Your cooperation and input to our management plan this past year has been greatly appreciated.

Sincerely,

  
Frank Brommenschenkel  
Chief, Watermaster Services

FB/kjb

TABLE OF CONTENTS

	PAGE
BACKGROUND OF JUDGMENT AND WATERMASTER. . . . .	1
ACTIVITIES OF WATERMASTER AND COMMITTEES. . . . .	5
Watermaster Activities . . . . .	5
Overlying (Agricultural) Pool . . . . .	5
Overlying (Non-Agricultural) Pool . . . . .	6
Appropriative Pool. . . . .	6
Water Well Survey Study . . . . .	7
Watermaster Insurance . . . . .	7
Standard Form Local Storage Agreement and the Cyclic Storage Agreement. . . . .	7
Midge Control Study . . . . .	7
Noticed Public Hearing. . . . .	8
Uniform Groundwater Storage Rules and Regulations . . . . .	8
In Lieu Area No. 2. . . . .	8
OC-59 Use Agreement For 1979/80 And The Future. . . . .	8
Financial Reporting Procedures to Watermaster . . . . .	8
Agreement With The San Bernardino County Flood Control District . . . .	9
Committee Activities . . . . .	9
Overlying (Agricultural) Pool . . . . .	9
Overlying (Non-Agricultural) Pool . . . . .	10
Appropriative Pool. . . . .	11
Watermaster Advisory Committee. . . . .	11
ADMINISTRATION OF JUDGMENT	
Water Rights Lease Agreements . . . . .	13

	PAGE
Local Storage Agreement . . . . .	13
Operating Safe Yield Rights Transferred . . . . .	13
Unqualified Audit Opinion and Audit Report. . . . .	13
Mailing Lists . . . . .	14
Quarterly Accounting of Water Production. . . . .	14
Computer Programming and File Maintenance . . . . .	14
New Party Interventions . . . . .	14
Special Project Task Orders . . . . .	15
78-1 Conjunctive Use/Cyclic Storage Study . . . . .	15
78-2 Water Quality Monitoring . . . . .	15
78-3 Meter Installation Study . . . . .	16
78-4 Meter Testing Program. . . . .	16

APPENDICES

APPENDIX A - Pool Committee Mailing Lists	
Overlying (Agricultural) Pool. . . . .	.A-1
Overlying (Non-Agricultural) Pool. . . . .	.A-2
Appropriative Pool . . . . .	.A-3
APPENDIX B - Production By Pool. . . . .	.B-1
APPENDIX C - Summary of Administrative Budget 1979-1980. . . . .	.C-1
APPENDIX D - Summary Of In Lieu Deliveries . . . . .	.D-1
Summary Of Groundwater Replenishment Deliveries . . . . .	.D-1
Summary Of Cyclic Storage Deliveries. . . . .	.D-1
APPENDIX E - Other Imported Supplies . . . . .	.E-1

APPENDIX F - Total Water Used Within Chino Basin . . . . .F-1  
APPENDIX G - Listing of Interventions and Assignments. . . . .G-1  
APPENDIX H - Chino Basin Watermaster Audit Report June 30, 1979. . . . .H-1

## SECOND ANNUAL REPORT OF CHINO BASIN WATERMASTER

The Chino Basin Watermaster was established under the Judgment entered in Superior Court of the State of California for the County of San Bernardino, as a result of Case No. 164327 entitled, "Chino Basin Municipal Water District v. City of Chino et al," signed by the Honorable Judge Howard B. Wiener on January 27, 1978. The effective date of this Judgment for accounting and operations was July 1, 1977. This Second Annual Report presents a view of Watermaster, Watermaster Advisory Committee and Pool Committee Activities and an accounting of water production for fiscal year 1978/79.

### BACKGROUND OF JUDGMENT AND WATERMASTER

After many years of study and discussions among concerned water producers a "Memorandum of Agreement on the Chino Basin Plan" was signed; and, in January 1975, a Bill was introduced in the California Legislature by Senator Ruben S. Ayala. This final effort to draw up a management plan for the Chino Basin was designated Senate Bill 222. It authorized the levy of a three year, \$2.00 per acre foot per year, production assessment to raise funds to conduct the necessary studies and negotiations to implement the needed water management program for the Chino Groundwater Basin.

S. B. 222, now re-numbered as a part of the Municipal Water District Law in the Water Code, Section 72140, was approved by Governor Ronald Reagan and filed with the Secretary of State on June 28, 1975 affecting fiscal year 1974/75 production.

During the early studies and negotiations under S. B. 222, very active participation was taken by three major types of producers from the Chino Basin representing the majority of the producers' interests. Three major negotiating committees resulted and were utilized to protect the interests of the various producers during the three year study. These three committees acquired the following names: (1) Overlying (Agricultural) Pool including the State of California and minimal producers; (2) Overlying (Non-Agricultural) Pool representing industry; and (3) Appropriative Pool, representing cities and water companies. Other working sub-committees were formed to analyze and define specific problem areas. The three pools acting together were called the "Advisory Committee," which met regularly and had over 100 individuals on the mailing list. This Advisory Committee was very effective in making recommendations for formal action to the Chino Basin Municipal Water District (CBMWD) Board of Directors, who had the responsibility of administering S. B. 222.

Socio-economic, safe yield and other studies were conducted to provide information necessary to reach agreement about the allocation of rights between and within pools. Cost savings were achieved by terminating many of the studies as soon as the necessary information was compiled without formal completion or publication.

The Judgment entered named the CBMWD five (5) man Board of Directors, as "Watermaster" responsible to the Court for implementing its terms. The three pool committees and the Watermaster Advisory Committee were formally structured to assist the Watermaster in making decisions. Each of the three pools has met regularly to transact the business concerns of their respective

ACTIVITIES OF WATERMASTER AND COMMITTEES

I. WATERMASTER ACTIVITIES

Watermaster members and officers are as follows:

Carl B. Masingale	Chairman
George A. Borba	Vice Chairman
John G. Gilday	Secretary/Treasurer
John L. Anderson	Asst. Secretary/Treasurer
Edward A. Girard	Member

Regular Watermaster meetings are scheduled for the fifth Wednesday of each month having five (5) Wednesdays, meeting in the CBMWD Board Room, at 8555 Archibald Avenue, Rancho Cucamonga, at 9:00 a.m. Special meetings are noticed as required.

During this reporting period, regular meetings were held on:

August 30, 1978  
November 29, 1978  
January 30, 1979  
May 29, 1979

No special meetings were called.

Assessments levied by Watermaster on August 30, 1978 for overproduction during 1977/78 production period and for budgeted administrative and special project costs for 1978/79 were as follows:

A) Overlying (Agricultural) Pool members were assessed the following amounts on each acre foot of water produced with minimal



producers paying a Five Dollar (\$5.00) administrative filing fee:

1) Administration and Special Projects	\$0.653875
2) Replenishment	<u>\$1.215049</u>
TOTAL ASSESSMENT	\$1.868924

Assessments for the prior three (3) years under Senate Bill 222 were \$2.00 per acre foot for all producers.

Replenishment assessments for this pool are established by a five (5) year moving average to stabilize assessments from year to year. With reported production declining from 96,567 acre feet in 1974/75 to 83,934 acre feet in 1977/78, the pool committee decided to purchase 2,000 acre feet of replenishment water to provide for a potential increase in production during the balance of the five (5) year period.

B) Overlying (Non-Agricultural) Pool members were assessed \$1.286530 per acre foot for budgeted administrative and special project costs and \$51.00 (\$48.00 for replenishment water plus \$3.00 for spreading) for each acre foot of production in excess of each producers share of safe yield.

C) Appropriative Pool members subject to the 15/85 formula, nineteen members total, were assessed \$1.160020 and \$43.349946 respectively. The City of Pomona, assessed on a 100% net basis, was assessed \$51.00 per acre foot for each acre foot in excess of its share of operating safe yield. Marygold Mutual Water Company and West San Bernardino County Water District, who also are

assessed on a 100% net basis but have the right to purchase their water from San Bernardino Valley Municipal Water District, were assessed \$23.00 per acre foot because a portion of their costs for water are paid through advalorem taxes. The purchase and delivery of this water is pending an agreement with The Metropolitan Water District for wheeling into the Chino Basin. All producers in this pool were assessed \$0.767322 per acre foot of water produced to cover the budgeted administrative and special projects costs. Agreements and policy matters negotiated and approved by Watermaster and Watermaster Advisory Committee prior to June 30, 1979, were as follows:

A) Water Well Survey Study resulted in approximately 600 wells being surveyed to determine the type, size and location of meters necessary to provide metered production in the Overlying (Agricultural) Pool as required by the Judgment.

B) Watermaster Insurance coverage was confirmed in August 1978 with Watermaster being covered under CBMWD's master policy for five (5) million dollars in coverage as an additional insured which was a substantial premium savings in comparison to securing independent insurance coverage.

C) The Standard Form Local Storage Agreement and The Cyclic Storage Agreement were approved in November 1978 by Watermaster and the Watermaster Advisory Committee for submission to the court.

D) The Midge Control Study was approved to secure relief for those residents adjacent to the Montclair Basins who were experiencing extreme annoyance problems with these insects which are prevalent in and around new water spreading areas.

E) A Noticed Public Hearing was conducted by Watermaster on May 29, 1979, to approve the 1979/80 Administrative Budget and a summary of that budget is attached as Appendix "C".

F) The Uniform Groundwater Storage Rules and Regulations were adopted in May 1978 basically covering Local Storage Agreements and briefly referring to Cyclic and Conjunctive Storage Concepts in general.

G) In Lieu Area No. 2, adopted last year to designate the entire Chino Groundwater Basin, including In Lieu Area No. 1 to demonstrate the Basin's In Lieu Capability to The Metropolitan Water District of Southern California (MWD), was extended for another year. This resolution enables producers to take advantage of the In Lieu provisions of the Judgment as well as In Lieu Programs that may be offered by MWD.

H) OC-59 Use Agreement For 1979/80 And The Future is being negotiated between Orange County Water District (OCWD), Municipal Water District of Orange County (MWDOC) and CBMWD rather than Watermaster as it is a service that can be provided under the terms of the Service and Facilities Contract between CBMWD and Watermaster enabling better insurance coverage at a lower cost. This long term agreement, to purchase a fixed share of capacity in OCWD's connection to the MWD State Water Delivery System at OC-59, calls for payments to the OCWD based on flow until the debt is fully paid.

I) Financial Reporting Procedures to Watermaster were adopted on March 29, 1978. This provides for bi-monthly reviews of expenditures

by Watermaster members prior to check issuance, and formal ratification of these expenditures at the quarterly Watermaster meetings.

J) An Agreement With The San Bernardino County Flood Control District was maintained for the monitoring and spreading of replenishment and Cyclic Storage Water. Appendix "D" summarizes these activities.

K) Appendices "E" and "F" give an overview of the total amounts of water produced and tributary to the Chino Groundwater Basin.

## II. COMMITTEE ACTIVITIES

### A. Overlying (Agricultural) Pool

At the annual meeting of this pool the following individuals were selected to administer the pool activities and to serve as representatives on the Watermaster Advisory Committee:

<u>Regular</u>	<u>Alternate</u>
Fred Douma	Louis Aukeman
Gus Wybenga	John Vander Schaaf
Tom Carnesi	Phillip Lock
Robert DeBerard	Don Reetz
J. N. Albers	Floris Ykema
*Ralph Te Velde	Robert McGhee
*Gene Koopman	R. A. "B" Wathen
*Jack Van Leeuwen	Dorothy E. Goodman
Edwin Dubiel	State Attorney General

\* Newly elected members for two year terms

The following officers were duly nominated and elected:

Chairman	Fred Douma
Vice Chairman	Jack Van Leeuwen
Secretary	Frank Brommenschenkel Chief, Watermaster Services
Treasurer	John G. Gilday, CBMWD

Through June 30, 1979, a total of six (6) meetings were conducted to act on matters affecting the members of this pool and to review actions to be taken by Watermaster.

Interventions and assignments to this pool during 1978/79 as per January 5, 1979 Court Order are indicated in Appendix "G".

Mr. Edwin Dubiel (Attorney) of the State of California Attorney General's Office, indicated that he or his subordinates plan to represent the interests of the members of this pool as long as the interest of this pool and the State are compatible. Should interests conflict, pool members will be notified to secure independent legal counsel.

B. Overlying (Non-Agricultural) Pool

At the annual meeting of this pool, the following individuals were selected to serve as officers of this pool:

Chairman	Hooite Rugge
Vice Chairman	Dick Verrue
Treasurer	John G. Gilday, CBMWD
Recording Secretary	Frank Brommenschenkel Chief, Watermaster Services

Watermaster Advisory Committee representatives for this pool are as follows:

Hooite Rugge	Kaiser
Dick Verrue	Edison
T. J. Lewanski	Union Carbide

The next annual meeting is set for February 12, 1980, at 9 a.m. Through June 30, 1979, a total of four (4) meetings were conducted to act on matters affecting members of this pool and to review actions to be taken by Watermaster.

C. Appropriative Pool

At the annual meeting of this pool, the following individuals were selected to serve as officers of this pool:

Chairman	Dennis Wilkins
Vice Chairman	Lloyd Michael
Secretary	Frank Brommenschenkel, C, W.S.
Treasurer	John G. Gilday, CBMWD

In addition to the members named in the Judgment to serve on the Watermaster Advisory Committee, the following were selected to serve as members at large representing the remaining members of this pool:

M. D. Funk	Marygold Mutual
Nicholas E. Presecan	W. San Bernardino Co. W. D.

The next annual meeting is scheduled for February 14, 1980.

Through June 30, 1979, six (6) meetings were conducted to act on matters affecting members of this pool and to review actions to be taken by Watermaster.

D. Watermaster Advisory Committee

At the annual meeting of this committee, the following officers were selected:

Chairman	Fred Douma
Vice Chairman	Ken DeMent
Vice Chairman	Hooite Ruge
Secretary	Frank Brommenschenkel, C, W.S.
Treasurer	John G. Gilday, CBMWD

Regular meetings are scheduled for the third Thursday of each month having five (5) Wednesdays at 12:00 noon. Annual meetings are scheduled for

the third Thursday of March at 12:00 noon. The Advisory Committee conducted six (6) regular meetings whereby all actions recommended to Watermaster were reviewed and discussed.

Minutes of all meetings are available at the CBMD main office at 8555 Archibald Avenue, Rancho Cucamonga, California.

ADMINISTRATION OF JUDGMENT

The Judgment provides for various administrative and accounting tasks to be performed on a regular basis, some of which are as follows:

(1) Water Rights Lease Agreements between Appropriative Pool Members for fiscal year 1978/79 totaled 1,569.0 acre feet. Individual lease agreements on forms approved by the Watermaster were as follows:

- (a) From: Etiwanda Water Company  
To: Cucamonga County Water District.....534.7
- (b) From: Monte Vista Irrigation Co.  
To: City of Chino.....250.0
- (c) From: West San Bernardino County  
Water District  
To: City of Chino.....644.3
- (d) From: Park Water Company  
To: Pomona Valley Water Company.....140.0

Total Acre Feet 1569.0

(2) The first Local Storage Agreement was initiated by the Conrock Company to preserve their currently unused pumping right in the amount of 1.589 acre feet for a future changed use.

(3) On October 23, 1978, 776.94 acre feet of operating safe yield rights were transferred from the Mira Loma Water Company to Jurupa Community Services District.

(4) Unqualified Audit Opinion and Audit Report to the Chino Basin Watermaster from Reardon & McCallum, Certified Public Accountants, for the period ending June 30, 1979, is attached as Appendix "F".



(5) Mailing Lists of active parties are updated on a routine basis through the use of the United States Post Office "Address Correction Requested Service" whereby any address change reported to the Post Office is forwarded to the Watermaster after each mailing. File changes are made upon receipt from this and other sources of address change. A current listing of active parties is available for review upon request to Watermaster.

(6) Quarterly Accounting of Water Production has been received for the Appropriative and Overlying (Non-Agricultural) Pools for fiscal year 1978/79. The Overlying (Agricultural) Pool's quarterly production was compiled on those wells having water measuring devices already installed. It is anticipated that all necessary meters will be installed by June 30, 1980.

(7) Computer Programming and File Maintenance is a considerable effort with more than 1300 parties involved. Computer programs have been streamlined to more efficiently handle the various mailings necessary as well as making accommodations for the storage and handling of water production and other data.

(8) New Party Interventions are accumulated on a regular basis whereby land ownership changes and new producers are accounted for as they occur. Change of ownership is more frequently learned during production reporting periods. With all production to be reported on a quarterly basis, this will become a routine task. Parties having surrendered all property with water producing facilities are considered inactive parties and are accounted for as such.

(9) Special Project Task Orders have been initiated by separate work orders approved by the Watermaster Advisory Committee and Watermaster for projects other than general administration duties. Special projects designated by number for the budget period ending June 30, 1979, were as follows:

(a) (Task Order 78-1) Conjunctive Use/Cyclic Storage Study was set up to assure that all aspects of the Chino Groundwater Basin are explored relating to the desirability and feasibility of conjunctively using this basin for storing approximately one million acre feet of State Project water. Having additional water in storage in the Basin should increase groundwater levels and decrease the amount of energy required to pump water to the surface. This could monetarily benefit all producers in the basin. This task is expected to continue through fiscal year 1979/80.

(b) (Task Order 78-2) Water Quality Monitoring was started to assure that the data used to update the "Basin Plan" by the Santa Ana Regional Water Quality Control Board and United States Geological Survey accurately represents water quality in the Chino Basin, because future water quality objectives will be predicated upon the results of this study. Any changes of water quality objectives will affect all producers and the management plan for the basin. This effort was essentially completed by June 30, 1979. An ongoing data collection program is being formulated to collect data regularly for purposes of monitoring water quality and quantities.

(c) (Task Order 78-3) Meter Installation Study was initiated to be a service to those parties required to purchase and install meters. Under the contract, a recommendation regarding the type, size, and placement of a meter is made on an individual basis for each producer. This service is provided to orderly complete the installation of meters in the least amount of time, expense and inconvenience to each producer. Certain information considered necessary for the Watermaster's files will also be accumulated through this effort. This study is expected to be completed by December 31, 1979.

(d) (Task Order 78-4) Meter Testing Program is designed to test every meter in the basin at least once every two years as an ongoing program of the Watermaster. During this reporting period a total of 126 meters were tested under this program; 95 in the Appropriative Pool; 21 in the Overlying (Non-Agricultural) Pool; and 10 in the Overlying (Agricultural) Pool. Two producers in the Appropriative Pool with established monthly meter testing programs report results of those tests to Watermaster for review and approval eliminating a duplication of effort.

Subject to approval and recommendation of the Watermaster Advisory Committee or any affected Pool Committee, additional special project task orders may be designated and budgeted for as required to carry out the management plan.

APPENDIX "A - 1"  
AGRICULTURAL POOL COMMITTEE

Regular members and alternates for 1979.

<u>Regular</u>	<u>Alternate</u>
Fred Douma 14350 Cleveland Ontario, CA 91761	Louis Aukeman 12391 Schliesman Mira Loma, CA 91752
Gus Wybenga 13950 Haven Avenue Ontario, CA 91761	John Vander Schaaf 7849 Schaefer Avenue Ontario, CA 91761
Tom Carnesi 1604 N. Palm Avenue Upland, CA 91786	Phillip Lock 825 East Third Street San Bernardino, CA 92415
Robert DeBerard 1294 East 13th Street Upland, CA 91786	Don Reetz P.O. Box 800 Ontario, CA 91761
J.N. Albers P.O. Box 235 Upland, CA 91786	Floris Ykema 6882 Chino Avenue Chino, CA 91710
*Ralph TeVelde 6571 Schaefer Avenue Chino, CA 91710	Robert McGhee P.O. Box 128 Chino, CA 91710
*Gene Koopman 13838 Archibald Avenue Ontario, CA 91761	R.A. "Bud" Wathen P.O. Box 128 Chino, CA 91710
*Jack Van Leeuwen 8261 Schaefer Avenue Ontario, CA 91761	Dorothy E. Goodman 16522 South Grove Avenue Chino, CA 91710
Edwin Dubiel 3580 Wilshire Boulevard Los Angeles, CA 90010	State Attorney General 3580 Wilshire Boulevard Los Angeles, CA 90010

\* Newly elected members for two year terms.

APPENDIX "A - 2"  
NON-AGRICULTURAL POOL COMMITTEE

Ameron Steel & Wire Division  
ATTN: Bill Nelson  
12459 Arrow Highway  
P.O. Drawer 8  
Etiwanda, CA 91739  
(714) 987-2521

Carlsberg Mbl Hm Prop Ltd  
ATTN: Vern Miller  
5800 Hamner Avenue  
Mira Loma, CA 91752  
(714) 685-7044

Conrock Company  
ATTN: Gene Block  
3200 San Fernando Road  
P.O. Box 2950  
Los Angeles, CA 90051  
(213) 258-2777

Kaiser Steel Corporation  
ATTN: Hoolte Rugge  
P.O. Box 217  
Fontana, CA 92335  
(714) 829-4603

Space Center Mira Loma, Inc.  
ATTN: Ray E. Groschen  
3401 Etiwanda Avenue, Bldg. 504  
Mira Loma, CA 91752  
(714) 685-5221

Quaker Chemical Company  
ATTN: Russell Collins  
P.O. Box 973  
Pomona, CA 91769  
(714) 629-9776

Red Star Fertilizer Company  
ATTN: Paul Bernhard  
13606 San Antonio Avenue  
Chino, CA 91710  
(714) 627-7381

San Bernardino Co., Aviation Div.  
ATTN: Dewey Richardson  
825 East Third Street  
San Bernardino, CA 92415  
(714) 383-1365

Southern California Edison Co.  
ATTN: Dick Verrue  
P.O. Box 513  
Ontario, CA 91761  
(714) 984-0106

Southern Service Company  
dba Blue Seal Linen  
ATTN: L. L. Wagner  
P.O. Box 2079  
Pomona, CA 91766  
(714) 622-1214

Sunkist Growers  
ATTN: R. Lari  
616 East Sunkist Street  
Ontario, CA 91761  
(714) 983-9811

Union Carbide Corp. Linde Division  
ATTN: T. J. Lewanski  
Etiwanda Avenue & I-10  
Fontana, CA 92335  
(714) 829-4000

APPENDIX "A - 3"  
APPROPRIATIVE POOL COMMITTEE

Chino City of  
ATTN: John Gerardi  
P.O. Box 667  
Chino, CA 91710  
(714) 627-7577

Cucamonga County Water District  
ATTN: Lloyd Michael  
P.O. Box 638  
Cucamonga, CA 91730  
(714) 987-2591

Etiwanda Water Company  
ATTN: Lloyd Michael  
P.O. Box 726  
Cucamonga, CA 91730  
(714) 987-2591

Felspar Gardens Mut Water Co.  
ATTN: Mrs. Margaret Grace  
4453 Avon Street  
Riverside, CA 92509  
(714) 685-2252

Fontana Union Water Company  
ATTN: Ken DeMent  
P.O. Box 309  
Fontana, CA 92335  
(714) 822-2209

Jurupa Community Services Dist.  
ATTN: Bill Huckle  
8621 Jurupa Road  
Riverside, CA 92509  
(714) 685-7435

Marygold Mutual Water Co.  
ATTN: M. D. Funk  
9715 Alder  
Bloomington, CA 92316  
(714) 877-0516

Monte Vista County Water Dist.  
ATTN: Bob Thompson  
10575 Central Avenue  
Montclair, CA 91763  
(714) 624-0035

Monte Vista Irrigation Co.  
ATTN: H. R. Anderson  
5325 Phillips Street  
Ontario, CA 91761  
(714) 983-3063

Mutual Water Company of  
Glen Avon Heights  
ATTN: Tom Rose  
9643 Mission  
Riverside, CA 92509  
(714) 685-6441

Norco, City of  
ATTN: Jack Dievers  
P.O. Box 428  
Norco, CA 91760  
(714) 735-3900

Ontario, City of  
ATTN: Phil Crocker  
303 East "B" Street  
Ontario, CA 91764  
(714) 986-1151

Park Water Company  
ATTN: Ken Dodd  
P.O. Box J  
Downey, CA 90241  
(213) 923-0711

Pomona Valley Water Company  
ATTN: Jim Neller  
14575 Pipeline Avenue  
Chino, CA 91710  
(714) 597-1785

Pomona, City of  
ATTN: Jim Lundie  
P.O. Box 660  
Pomona, CA 91768  
(714) 620-2234

San Antonio Water Company  
ATTN: Charlie Thomas  
P.O. Box 877  
Upland, CA 91786  
(714) 982-4107

APPENDIX "A - 3"

APPROPRIATIVE POOL COMMITTEE (Continued)

Santa Ana River Water Company  
ATTN: Elois Mitchell  
P.O. Box 61  
Mira Loma, CA 91752  
(714) 685-6503

Southern California Water Company  
ATTN: J. E. Myers  
P.O. Box 27  
Claremont, CA 91711  
(714) 626-1601

Upland, City of  
ATTN: Lee Travers  
P.O. Box 460  
Upland, CA 91786  
(714) 982-1352

West End Consolidated Water Co.  
ATTN: Charlie Thomas  
P.O. Box 877  
Upland, CA 91786  
(714) 982-4107

West San Bernardino County  
Water District  
ATTN: Nicholas Presecan  
P.O. Box 188  
Rialto, CA 92376  
(714) 875-1804

APPENDIX "B"  
PRODUCTION BY POOL  
 (ACRE FEET)

<u>FISCAL YEAR</u>	<u>APPROPRIATIVE POOL</u>	<u>OVERLYING (AGRICULTURAL) POOL</u>	<u>OVERLYING (NON-AGRICULTURAL) POOL</u>	<u>TOTAL</u>
1974/75	70,312	96,567	8,878	175,757
1975/76	79,312	95,349	6,356	181,017
1976/77	72,707	91,450	9,198	173,355
1977/78*	60,659	83,934	**10,082	154,675
1978/79	60,597	73,688	7,127	141,412

\* Includes over and under reporting errors verified through 11/28/78.

\*\* Includes 3,945 Acre Feet of mined water pumped by the Edison Company as Agent for the Chino Basin Municipal Water District.



CHINO BASIN WATERMASTER  
 BUDGET 1979-1980  
 SUMMARY OF ADMINISTRATIVE BUDGET

	TOTAL PROPOSED BUDGET	APPROPRIATIVE POOL		OVERLYING AGRICULTURAL POOL		OVERLYING NON-AGRICULTURAL POOL		WATER SPREADING FUNDS
		AMOUNT	PER ACRE FOOT	AMOUNT	PER ACRE FOOT	AMOUNT	PER ACRE FOOT	
Estimated 78/79 Production	<u>156,300 AF</u>		<u>65,300 AF</u>		<u>82,800 AF</u>		<u>6,500 AF</u>	
Administrative Assessments:								
Jt. Watermaster-Advisory Committee	\$46,950	\$19,780	\$0.3043	\$25,195	\$0.3043	\$1,975	\$0.3043	
Pool Administration	<u>6,875</u>	<u>2,000</u>	<u>0.0308</u>	<u>3,025</u>	<u>0.0365</u>	<u>1,850</u>	<u>0.2846</u>	
Total Administrative Assessments:	<u>53,825</u>	<u>21,780</u>	<u>0.3351</u>	<u>28,220</u>	<u>0.3408</u>	<u>3,825</u>	<u>0.5889</u>	
Special Projects								
Conjunctive Use/Cyclic Storage	8,975	3,780	0.0582	4,815	0.0582	380	0.0582	
Meter Installation	3,775	1,590	0.0245	2,025	0.0245	160	0.0245	
Widge Control Study	3,850							\$3,850
Meter Testing Program	3,850	550	0.0095	2,750	0.0332	550	0.0846	
Proposed Task Order 79-1								
Water Well Data	<u>6,000</u>	<u>2,530</u>	<u>0.0389</u>	<u>3,220</u>	<u>0.0389</u>	<u>250</u>	<u>0.0389</u>	
Total Special Projects	<u>26,450</u>	<u>8,450</u>	<u>0.1301</u>	<u>12,810</u>	<u>0.1548</u>	<u>1,340</u>	<u>0.2062</u>	<u>3,850</u>
TOTAL PROPOSED 79/80 ADMINISTRATIVE BUDGET	<u>\$82,275</u>	<u>\$30,230</u>	<u>\$0.4652</u>	<u>\$41,030</u>	<u>\$0.4956</u>	<u>\$5,165</u>	<u>\$0.7951</u>	<u>\$3,350</u>

All amounts have been rounded. This may effect extensions of the per acre foot rates.

ADOPTED May 29, 1979

APPENDIX "C"

APPENDIX "D"  
 SUMMARY OF IN LIEU DELIVERIES  
 (Acre Feet)  
 JUNE 30, 1979

	CITY OF CHINO	MONTE VISTA CO. W. D.	CITY OF ONTARIO	PARK WATER CO.	POMONA VALLEY W. C.	CITY OF POMONA	SO. CAL EDISON CO.	SO. CAL WATER CO.	FONTANA UNION W. C.	TOTAL
FEB	-0-	-0-	-0-	-0-	-0-	43.6	-0-	-0-	-0-	43.6
MARCH	-0-	1.3	132.3	-0-	-0-	191.5	138.6	14.4	-0-	478.1
APRIL	91.2	38.9	243.4	-0-	226.2	200.0	197.8	14.6	-0-	1,012.1
MAY	208.6	112.4	331.7	-0-	166.7	301.0	233.8	35.2	-0-	1,389.4
JUNE	<u>14.5</u>	<u>198.6</u>	<u>426.5</u>	<u>-0-</u>	<u>327.9</u>	<u>607.8</u>	<u>327.7</u>	<u>84.9</u>	<u>-0-</u>	<u>1,987.9</u>
TOTALS	314.3	351.2	1,133.9	-0-	720.8	1,343.9	897.9	149.1	-0-	4,911.1

GROUNDWATER REPLENISHMENT DELIVERIES  
 (Acre Feet)

	Montclair Basins CRM SPW		Day Creek Basin SPW	Total
July '78	176.3	2,882.6	319.1	3,378.0
Aug. '78	274.2	570.4	467.6	1,312.2
Sept. '78	294.4	1,626.2	327.5	2,248.1
Oct. '78	309.2	79.9	429.2	818.3
Nov. '78	298.2	757.0	502.2	1,557.4
Dec. '78	144.7	2,404.6	747.3	3,296.6
June '79			<u>27.8</u>	<u>27.8</u>
	<u>1,497.0</u>	<u>8,320.7</u>	<u>2,820.7</u>	<u>12,638.4</u>

SUMMARY OF CYCLIC STORAGE DELIVERIES  
 January - June 30, 1979  
 State Project Water

	Montclair Basins	Day Creek Basin	Total
Jan.	2,697.2	205.9	2,903.1
Feb.	2,245.7	201.5	2,447.2
March	2,514.3	267.7	2,782.0
April	2,234.9	74.4	2,309.3
May	2,319.6	233.9	2,553.5
June	<u>2,463.7</u>	<u>297.8</u>	<u>2,761.5</u>
TOTALS	14,475.4	1,281.2	15,756.6

APPENDIX "D"

APPENDIX "E"  
OTHER IMPORTED SUPPLIES  
(Acre Feet)

Fiscal Year	Fontana Union Water Co.	Cucamonga County Water Dist.	West End Consolidated Water Co.	San Antonio Water Company	West San(1) Bdno Co. Water Dist.	MWD(2) of So. Cal	Total
1974/75							
Other Basins	6,446	8,323	1,635	5,478	2,103		23,985
Surface Diversions	10,335	1,051		7,193			18,579
Other Imported Surface Deliveries						6,819	<u>6,819</u>
						TOTAL	49,383
1975/76							
Other Basins	10,488	11,168	2,113	7,839	1,535		33,143
Surface Diversions	9,219	646		5,850			15,715
Other Imported Surface Deliveries						8,828	<u>8,828</u>
						TOTAL	57,686
1976/77							
Other Basins	7,925	9,950	1,960	8,440	1,966		30,241
Surface Diversions	7,110	1,109		6,436			14,655
Other Imported Surface Deliveries						10,869	<u>10,869</u>
						TOTAL	55,765
1977/78							
Other Basins	8,553	9,507	1,384	7,736	1,948		29,128
Surface Diversions	6,397	2,042		9,756			18,195
Other Imported Surface Deliveries						14,244	<u>14,244</u>
						TOTAL	61,567
1978/79							
Other Basins	4,456	12,704	514	6,153	1,914		25,741
Surface Diversions	17,595	1,496	533	13,144			32,768
Other Imported Surface Deliveries						17,355	<u>17,355</u>
						TOTAL	75,864

- (1) Calendar year data 1974 thru 1977, respectively.  
(2) Includes deliveries to City of Pomona and In Lieu.

APPENDIX "E"

APPENDIX "F"

TOTAL WATER USED WITHIN CHINO BASIN\*

(Acre Feet)

<u>FISCAL</u> <u>YEAR</u>	<u>CHINO BASIN</u> <u>EXTRACTIONS</u>	<u>OTHER</u> <u>IMPORTED SUPPLIES</u>	<u>TOTAL</u>
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	141,412	75,864	217,276

\* Includes water used over Cucamonga Basin.

APPENDIX "G"

LIST OF INTERVENTIONS AND ASSIGNMENTS

Interventions

<u>Intervenor</u>	<u>Inactive Party</u>
Jim Carroll Linda Carroll	John R. Fitzgerald
Richard Haagsma	Dave Haagsma
John R. Moore Claudell Moore	Charlie E. Rice
Jack Pinheiro A.C. Pinheiro Mary Pinheiro	None
August Vandenberg Andrew W. Vandenberg Ben Vandenberg	None
Turn Key Associates, Inc.	James Urquhart
Albert Levinson Tomlev, Inc.	Federal Deposit Insurance Corporation
R.C. Land Company	Heublein, Inc.
Frans Aardema Cornelia Aardema Sylvester Vander Tuig Arlene Vander Tuig	Vander Leest

APPENDIX "H"

CHINO BASIN WATERMASTER

AUDIT REPORT

JUNE 30, 1979

APPENDIX "H"

REARDON & McCALLUM  
CERTIFIED PUBLIC ACCOUNTANTS  
848 WEST FOOTBRICK BOULEVARD, SUITE C  
UPLAND, CALIFORNIA 91786  
TELEPHONE (714) 985-2208

WALTER REARDON, CPA  
JOHN J. McCALLUM, CPA  
HELENE W. BLUMNER, CPA  
RITA C. HANSEN, CPA  
SACHIRO M. STARRS, CPA

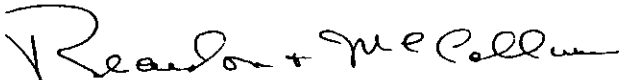
MEMBERS  
AMERICAN INSTITUTE OF  
CERTIFIED PUBLIC ACCOUNTANTS  
CALIFORNIA SOCIETY OF  
CERTIFIED PUBLIC ACCOUNTANTS

Chino Basin Watermaster  
8555 Archibald Avenue  
Cucamonga, California 91730

Gentlemen:

We have examined the financial statements of the Chino Basin Watermaster for the year ended June 30, 1979. Our examination was made in accordance with generally accepted auditing standards and accordingly included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, the accompanying financial statements present fairly the financial position of the Chino Basin Watermaster at June 30, 1979 and the results of its operations for the year then ended in accordance with generally accepted accounting principles for governmental agencies.



August 31, 1979  
Upland, California

APPENDIX "H-1"

CHINO BASIN WATERMASTER

STATEMENT OF FINANCIAL POSITION

June 30, 1979

ASSETS

Cash in bank - checking	\$ 1,021	
Cash in bank - savings	<u>41,370</u>	\$ 42,391
Time certificates of deposit		300,000
Accrued interest receivable		<u>4,191</u>
TOTAL ASSETS		<u>\$346,582</u>

LIABILITIES AND FUND BALANCE

<u>LIABILITIES</u>		
Accounts payable		\$ 17,809
Prepaid assessments		
Appropriative pool - gross carryover	\$ 3,120	
Non agricultural pool	373	
Agricultural pool	<u>4,511</u>	<u>8,004</u>
Total Liabilities		25,813
FUND BALANCE		<u>\$320,769</u>
TOTAL LIABILITIES AND FUND BALANCE		<u>\$346,582</u>

See Accompanying Notes  
Reardon & McCallum, Certified Public Accountants

APPENDIX "H-2"



CHINO BASIN WATERMASTER

STATEMENT OF REVENUE AND EXPENSES AND FUND BALANCE

For the Fiscal Year Ended June 30, 1979

	<u>Watermaster Administration</u>		
	<u>Adminis- tration</u>	<u>Special Projects</u>	<u>Total</u>
<u>REVENUES</u>			
Assessment revenue			
Replenishment water			
Wheeling costs			
Water spreading			
Administration	\$84,579		\$84,579
Contributions in aid		\$ 4,000	4,000
Interest revenue			
Total Revenues	<u>84,579</u>	<u>4,000</u>	<u>88,579</u>
<u>EXPENSES</u>			
CBMWD Contract			
Salaries	18,155	4,250	22,405
Payroll burden	7,625	1,785	9,410
Materials and supplies	289		289
Printing and mailing	656		656
Computer expense	562		562
Legal fees	277		277
Insurance	1,072		1,072
Overhead	438		438
Other expenses	281	11	292
General and administrative	3,346	689	4,035
Total CBMWD Contract	<u>32,701</u>	<u>6,735</u>	<u>39,436</u>
Replenishment water purchases			
Printing and mailing	464		464
Materials and supplies	161		161
Contract labor and materials		16,780	16,780
Audit fees	467		467
Engineering consultants	585	1,194	1,779
Legal fees	5,307	7,480	12,787
Meeting compensation	2,250		2,250
Other expenses	15		15
Total Expenses	<u>\$41,950</u>	<u>\$ 32,189</u>	<u>74,139</u>
EXCESS (DEFICIT) REVENUE OVER EXPENSES			14,440
FUND BALANCE July 1, 1978			<u>2,092</u>
FUND BALANCE June 30, 1979			<u>\$16,532</u>

\*Includes \$7,466 replenishment assessment plus \$135 interest for Marygold Mutual and West San Bernardino Co. Water District. This amount has been collected but will not be disbursed until 1979/80.

APPENDIX "H-3"

<u>Ground Water Replenishment</u>			<u>Pool Administration &amp; Special Projects</u>				<u>Grand Total</u>
<u>SB222 Funds</u>	<u>Watermaster Assessments</u>	<u>Total</u>	<u>Approp. Pool</u>	<u>Non-Ag. Pool</u>	<u>Agric. Pool</u>	<u>Total</u>	
	\$608,623	\$608,623					\$608,623
	1,623	1,623					1,623
	38,709	38,709					38,709
			\$12,150	\$4,482	\$ 6,977	\$23,609	108,188
\$ 26,325	135	26,460	10,394	477	3,611	14,482	40,942
<u>26,325</u>	<u>649,090</u>	<u>675,415</u>	<u>22,544</u>	<u>4,959</u>	<u>10,588</u>	<u>38,091</u>	<u>802,084</u>
196	409	605	283	410	645	1,338	24,338
82	172	254	119	172	271	562	10,276
	123	123			174	174	586
							656
							562
							277
							1,072
							438
			113		37	150	442
32	80	112	59	66	110	235	4,382
<u>310</u>	<u>784</u>	<u>1,094</u>	<u>574</u>	<u>648</u>	<u>1,237</u>	<u>2,459</u>	<u>42,989</u>
	606,833	606,833					606,833
							464
							161
33,812	27,003	60,815	3,060	840	300	4,200	81,795
							467
							1,779
							12,787
							3,150
			44	22	900	900	346
					265	331	
<u>34,122</u>	<u>636,620</u>	<u>668,742</u>	<u>3,678</u>	<u>1,510</u>	<u>2,702</u>	<u>7,890</u>	<u>750,771</u>
(7,797)	14,470	6,673	18,866	3,449	7,886	30,201	51,314
269,417	-0-	269,417	(549)	(206)	(1,299)	(2,054)	269,455
<u>\$261,620</u>	<u>\$ 14,470*</u>	<u>\$276,090</u>	<u>\$18,317</u>	<u>\$3,243</u>	<u>\$ 6,587</u>	<u>\$28,147</u>	<u>\$320,769</u>

See Accompanying Notes  
Reardon & McCallum, Certified Public Accountants

APPENDIX "H-3"

CHINO BASIN WATERMASTER

STATEMENT OF CHANGES IN FINANCIAL POSITION

For The Year Ended June 30, 1979

SOURCES OF WORKING CAPITAL

Operations

Excess of revenue over expenses

\$ 51,314

INCREASE IN WORKING CAPITAL

\$ 51,314

INCREASE (DECREASE) IN WORKING CAPITAL ITEMS

Current Assets

Cash

7/1/78

6/30/79

\$ 54,447

\$ 42,391

\$(12,056)

Short term investment

500,000

300,000

(200,000)

Receivable

16,001

4,191

11,810

570,448

346,582

Current Liabilities

Accounts payable

300,943

17,809

283,134

Prepaid assessments

50

8,004

(7,954)

300,993

25,813

Working Capital

\$269,455

\$320,769

INCREASE IN WORKING CAPITAL

\$ 51,314

See Accompanying Notes  
Reardon & McCallum, Certified Public Accountants

APPENDIX "H-4"

CHINO BASIN WATERMASTER  
NOTES TO FINANCIAL STATEMENTS

June 30, 1979

NOTE 1 - SIGNIFICANT ACCOUNTING POLICIES

- A. Books and records are kept on the accrual basis.
- B. Fund accounting is used to segregate the Watermaster's different accounts.
- C. Short-term investments are recorded at cost.

NOTE 2

The Chino Basin Watermaster was formally appointed on January 27, 1978 in the Superior Court of the State of California for the County of San Bernardino. The Board of Directors of Chino Basin Municipal Water District was named Watermaster members. In general, this Judgement provided for levying assessments to cover the cost of Watermaster administration and of replenishment water to maintain current water levels in the Chino Hydrological Basin. The Watermaster organizational meeting was held on February 15, 1978, at which time rules and regulations were discussed, meeting dates were established, and the Services and Facilities contract was signed with Chino Basin Municipal Water District.

On the same date, at a regular Chino Basin Municipal Water District Board meeting, authorization was given to transfer the balance of Senate Bill 222 funds to the Chino Basin Watermaster for use in Watermaster administration with the understanding that \$400,000 of these funds would be used solely for the purchase of replenishment water.

Reardon & McCallum, Certified Public Accountants

APPENDIX "H-5"