

WATERMASTER

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DONALD R. PETERS

Chief, Watermaster Services

Telephone (714) 987-1712

November 10, 1988

To: Members of The Appropriative Pool

Subject: Revisions to 1988/89 Appropriative Pool
Administrative And Replenishment Assessments

INTRODUCTION & DISCUSSION

This letter will serve to advise that after the adoption of Resolution 88-4 which levied Replenishment and Administrative assessments for fiscal year 1988/89, staff discovered an error in the data entry of exchange water taken by Cucamonga County Water District during fiscal year 1987/88. The result of this error increased the gross production of the Appropriative Pool by 1,906.2 acre feet and therefore the Administrative and Replenishment assessments for the Appropriative Pool must be adjusted as follows:

	<u>From</u>	<u>To</u>
General Administrative Assessments	\$0.7558	\$0.7467
Gross Replenishment Assessments	\$3.63767	\$3.55493

A revised copy of the proposed revised assessment package is attached for your review.

RECOMMENDATION

That the Appropriative Pool, by motion, recommend Watermaster rescind Resolution 88-4 and adopt Resolution 88-5 amending the Appropriative Pool's 1988/89 Administrative Assessments from \$0.7558/af to \$0.7467/af and the Gross Replenishment Assessment from \$3.63767/af to \$3.55493/af.

Respectfully submitted,

Donald R. Peters, Chief
Watermaster Services

DRP/mb
attach.
APPROP

CHINO BASIN WATERMASTER
1988/1989 WATERMASTER ASSESSMENTS
SUMMARY OF APPROPRIATIVE POOL REVISIONS

	Original Assessments	Revised Assessments	Increase (Decrease)
Chino Basin Mun Water Dist.	\$5.00	\$5.00	0.00
City of Chino	22,462.06	21,288.42	(1,173.64)
Cucamonga Co. Water Dist.	30,307.79	37,317.62	7,009.83
Fontana Union Water Co.	33,315.95	32,274.07	(1,041.88)
Jurupa Community Services	310,560.97	309,155.67	(1,405.30)
Marygold Mutual Water Co.	130.43	144.93	14.50
Monte Vista Water District	29,757.42	28,362.97	(1,394.45)
Monte Vista Irrigation Co.	1,043.92	1,028.37	(15.55)
M/W Co./Glen Avon Heights	3,118.43	3,012.30	(106.13)
City of Norco	431,898.68	431,481.64	(417.04)
City of Ontario	1,337,439.64	1,333,231.39	(4,208.25)
City of Pomona	10,920.63	10,183.11	(737.52)
San Antonio Water Co.	5,026.73	4,884.31	(142.42)
S.B. Co. - Prado Tiro	165.51	165.51	0.00
S.B. Co. Water Works #8	11,123.92	10,805.97	(317.95)
Santa Ana River Water Co.	5,355.07	5,190.36	(164.71)
Southern Calif. Water Co.	2,759.02	2,664.70	(94.32)
City of Upland	23,630.29	22,808.31	(821.98)
West End Consol. Water Co.	(52.15)	(18.37)	33.78
West San Bernardino CWD	57.13	80.09	22.96
Total Assessments	\$2,259,026.44	\$2,254,066.37	\$0.00

87/88
7/2/88
89/90

CHINO BASIN WATERMASTER
1988/89 ADMINISTRATIVE ASSESSMENTS

	TOTALS	APPROPRIATIVE POOL		AGRICULTURAL POOL		NON-AGRICULTURAL POOL		SB222 FUNDS
		AMOUNT	RATIOS & RATE	AMOUNT	RATIOS & RATES	AMOUNT	RATIOS & RATES	
1986/87 Production in Acre Feet.	147,068.5	84,662.4	57.567%	59,847.2	40.693%	2,558.9	1.740%	N/A
1987/88 Production (incl MWD Exchange) in Acre Feet.	160,075.6	99,252.9	62.004%	57,864.6	36.148%	2,958.1	1.848%	N/A
1988/89 ADMINISTRATIVE BUDGET								
GENERAL ADMINISTRATION:								
Joint Watermaster-Advisory Comm. (1)	\$77,925	\$48,317		\$28,168		\$1,440		
Pool Administration	11,500	4,800		5,225		1,475		
Total Administrative Budgets	89,425	53,117	\$0.5352	33,393	\$0.5771	2,915	\$0.9854	
SPECIAL PROJECTS:								
Conjunctive Use/Cyclic Storage (1)	4,075	2,527		1,473		75		
Meter Installation (1)	1,025	636		371		19		
Well Water Data	8,825	0		0		0		\$8,825
Meter Testing Program	24,060	805		22,650		605		
Safe Yield Study	0	0		0		0		0
Total Special Projects	37,985	3,968	0.0400	24,494	0.4233	699	0.2364	8,825
1988/89 TOTAL ADMINISTRATIVE BUDGET								
25% Operating Reserve	29,647	14,271	0.1438	14,472	0.2501	904	0.3055	0
Less: 88/89 Interest Reserve @ 5.5%								
SB222 Funds (Note 1)	(4,325)	0	0.0000	(2,312)	(0.0400)	(199)	(0.0674)	
Pool Reserves	(3,550)	(3)	0.0000	(2,825)	(0.0488)	(725)	(0.2451)	
1988/89 CASH DEMAND	149,182	71,356	0.7189	67,222	1.1617	1,593	1.2148	8,825
Funds on Hand for Admin. Asses 7/1/88		(4,746)	(0.0478)	(59,852)	(1.0343)	(13,235)	(4.4742)	(88,752)
CASH DEFICIT (EXCESS) AT END OF FISCAL YEAR 1988/89		\$66,610	\$0.6711	\$7,370	\$0.1274	(\$9,642)	(\$3.2594)	(\$79,927)
RECOMMENDED ASSESSMENTS FOR 1988/89								
General Administration Assessments		Per Acre Foot	\$0.6711		\$0.0000	Per Producer	\$5.0000	
Minimum Assessments		Per Producer	5.0000		0.0000		5.0000	
Water Transfer Costs (Revenues) (Note 4)		Per Acre Foot		\$0.09390	See Note 4			

(1) Total Costs have been allocated to Pools by actual 87/88 production percentages.
 (2) SB222 Interest allocation based on total SB222 assessments paid
 (3) Applied to 89/90 Replenishment Assessments.
 (4) See Note 4 on Page 2

41.94% 53.45% 4.61%

CHINO BASIN WATERMASTER
 APPROPRIATIVE POOL
 1987/88 AGRICULTURAL POOL TRANSFERS

ACRE FEET TO BE TRANSFERRED 78,489.400

Appropriative Pool Party	Appropriative Right (Acre Feet)	Initial Operating Safe Yield (Acre Feet)	Percents of Operating Safe Yield (Percentages)	-----Agricultural Pool Water Transfers-----				Assessments @ per Acre Foot \$0.09390 (See Note 4)	1987/88 Operating Safe Yield (Acre Feet)
				Land Use First 50% (Acre Feet)	Conversions Remaining 50% (Acre Feet)	Balance Available (Acre Feet)	Total Transferred (Acre Feet)		
Chino Basin Mun. Water Dist.	0.000	0.000	0.000%		0.000	0.000	0.000	\$0.00	0.000
City of Chino	5,271.700	3,670.067	6.693%	981.175	135.747	4,981.841	6,098.763	572.67	9,768.830
Cucamonga Co. Water Dist. (1)	5,199.000	3,619.454	6.601%		133.875	4,913.138	5,047.013	473.91	8,666.467
Fontana Union Water Co.	9,188.300	6,396.736	11.666%		236.600	8,683.090	8,919.690	837.56	15,316.426
Jurupa Community Services (2)	2,288.400	1,593.144	2.905%		58.926	2,162.574	2,221.500	208.60	3,814.644
Marygold Mutual Water Co	941.300	655.317	1.195%		24.239	889.544	913.783	85.80	1,569.100
Monte Vista Water Distri	5,958.700	4,148.344	7.565%		153.437	5,631.066	5,784.503	543.16	9,932.847
Monte Vista Irrigation	972.100	676.759	1.234%		25.032	918.650	943.682	88.61	1,620.441
M/W Co./Glen Avon Heights	672.200	467.974	0.853%		17.309	635.240	652.549	61.27	1,120.523
City of Norco	289.500	201.545	0.368%		7.455	273.582	281.037	26.39	482.582
City of Ontario	16,337.400	11,373.816	20.742%	1,047.000	420.690	15,439.103	16,906.793	1,587.55	28,280.609
City of Pomona	16,110.500	11,215.852	20.454%		414.847	15,224.679	15,639.526	1,468.55	26,855.378
San Antonio Water Co.	2,164.500	1,506.882	2.748%		55.736	2,045.488	2,101.224	197.30	3,608.112
S.B. Co. (Prado Tiro)	0.000	0.000	0.000%		0.000	0.000	0.000	0.00	0.000
S.B. Co. Water Works #8 (3)	4,525.900	3,150.822	5.746%		116.541	4,277.005	4,393.546	412.55	7,544.368
Santa Ana River Water Co.	1,869.300	1,301.374	2.373%		48.135	1,766.518	1,814.653	170.40	3,116.027
Southern California Water Co.	697.900	411.476	0.750%		15.219	558.548	573.767	53.88	985.243
City of Upland	4,097.200	2,852.401	5.202%		105.503	3,871.921	3,977.424	373.48	6,829.825
West End Consol. Water Co.	1,361.300	947.714	1.728%		35.054	1,286.451	1,321.505	124.09	2,269.219
West San Bernardino CWD	925.500	644.317	1.175%		23.832	874.612	898.444	84.36	1,542.761
Totals	78,870.700	54,834.000	100.000%	2,028.175	2,028.177	74,433.050	78,489.402	\$7,370.13	133,323.402

- (1) CCWD purchased Etiwanda Water Co. Figures include permanent transfer of 768 acre feet of Appropriative Right and 534.668 shares of Operating Safe Yield.
- (2) Includes pumping rights purchased from Mira Loma Water Company and Felspar Gardens Mutual Water Co.
- (3) Formerly Pomona Valley Water Company. Includes 823.9 acre feet of permanent transfer from Southern California Water Co.
- (4) Appropriative Pool members have agreed to assume the Overlying (Agricultural) Pool's 1988/89 administrative assessments in exchange for unpumped Agri. water transferred to the Approp. Pool following the 1987-88 production year. (Per Minute action by the Approp. Pool at their meeting of June 7, 1988.) Costs have been allocated to each Approp. Pool member based on its share of Initial Operating Safe Yield.

CHINO BASIN WATERMASTER
 PROPOSED ASSESSMENTS 1988/89
 SPREADING COSTS

Location	Actuals 1986/87			Actuals 1987/88			Projected 1988/89		
	Acre Feet	Cost	Average Cost/AP	Acre Feet	Cost	Average Cost/AP	Acre Feet	Cost	Average Cost/AP
A. UPPER BASINS	15,484.0			1,215.4			10,200.0		
1. MWD Temporary Use Fee		\$15,484	\$1.00		\$1,215	\$1.00		\$10,200	\$1.00
2. Basin Maintenance		0			0			0	
B. MONTCLAIR BASINS	4,522.9			1,278.3			5,000.0		
1. OCWD/OC-59 Use Fee		9,046	2.00		2,557	2.00		10,000	\$2.00
2. Basin Repairs									
Basin #1		0			0			0	
Basin #2		0			0			0	
Basin #3		0			0			0	
Basin #4		0			0			0	
3. Meter Maintenance		0	0.00		0	0.00	0	0	0.00
C. ALL BASINS	20,006.9			2,493.7			15,200.0		
1. SBCFCD Monitoring		16,562	0.83		2,569	1.03		15,200	1.00
2. Cyclic Water Storage Costs		0		13,142.2	29,349	2.23	0.0	0	0.00
TOTAL COSTS	20,006.9	\$41,092	\$2.05	15,635.9	\$35,690	\$2.28	15,200.0	\$35,400	\$2.33

COST ALLOCATIONS	Actuals 1986/87			Actuals 1987/88			Projected 1988/89			Rates for Acre Foot
	Totals	Cyclic Storage	Replenishment Water	Totals	Cyclic Storage	Replenishment Water	Totals	Cyclic Storage	Replenishment Water	
Flows in Acre Feet	20,006.9	6,398.0	13,608.9	15,635.9	0.0	15,635.9	15,200.0	500.484	14,699.516	
Costs										
Spreading Costs	\$41,092	\$13,141	\$27,951	\$35,690	\$0	\$35,690	\$35,400	\$1,166	\$34,234	\$2.33
Water Purchases			2,082,162			2,392,293			2,249,026	\$153.00
Replenishment Assessments			(2,110,821)			(2,430,138)			(2,283,276)	\$155.33
Interest Revenue			(1,047)			(655)			(950)	
July 1 Replenishment Balance			(10,008)			(11,763)			(14,573)	
June 30 Replenishment Balance			(\$11,763)			(\$14,573)			(\$15,539)	

CHINO BASIN WATERMASTER

1988/89 REPLENISHMENT ASSESSMENTS

WATER REPLENISHMENT OBLIGATIONS FOR PRODUCTION IN EXCESS OF SAFE YIELD:		COST OF REPLENISHMENT WATER PER ACRE FOOT:	
Appropriative Pool Replenishment Obligation	14,699.116	Metropolitan Water District Replenishment Water Rate	\$153.00
Non-Agricultural Pool Replenishment Obligation	0.400	Projected Water Spreading Cost	2.33
TOTAL ACRE FEET TO BE REPLENISHED	14,699.516		\$155.33

	APPROPRIATIVE POOL		100% GROSS ASSESSMENTS	TOTAL REPLENISHMENT ASSESSMENTS
	-----15%/85% GROUP ASSESSMENTS-----			
	Total	Gross 15%	Net 85%	
Non-Agricultural Pool Gross Production			0.400	
Total Appropriative Pool Production in Acre Feet	99,252.900			
Acre Feet Produced in Excess of Safe Yield			12,787.316	
Less Production by 100% Net Producers				
Chino Basin Municipal Water District		0.900		0.000
City of Pomona	13,426.900			
Marygold Mutual Water Company	104.400			
San Bernardino Co. - Prada Tire	1.100		1.100	
City of Norco Exceeding Export Right	1,910.700		1,910.700	
15% 85% Group Production	83,809.800	12,787.316	1,912.200	
Less Prepaid Gross Assessments	0.000	0.000	0.000	
Acre Feet to be Assessed	83,809.800	12,787.316	1,912.200	14,699.516
REPLENISHMENT ASSESSMENTS:				
12,787.316 @ \$155.33 per Acre Foot	\$1,986,253.79	\$297,938.07	\$1,688,315.72	\$297,022.03
Less Prepaid Gross Assessments	0.00	0.00		
Total Assessments	\$1,986,253.79	297,938.07	1,688,315.72	\$2,283,275.82
ASSESSMENTS PER ACRE FOOT		\$3.55493	\$132.0305	\$155.3300

CHINO BASIN WATERMASTER
 APPROPRIATIVE POOL
 DISTRIBUTION OF INTEREST TO POOL MEMBERS

Producer	Interest	
	1987/88 Assessments	Earned on Assessments
Chino Basin Mun. Water District	\$0.00	\$0.00
City of Chino	302,430.89	12,840.20
Cucamonga County Water District	20,337.72	863.47
Fontana Union Water Co.	14,454.69	613.70
Jurupa Community Services	550,978.92	27,638.38
Marygold Mutual Water Co.	257.45	10.93
Monte Vista Water District	261,598.22	11,106.58
Monte Vista Irrigation Co.	1,445.73	61.38
Mutual Water Co. of Glen Avon Heights	3,493.91	148.34
City of Norco	386,617.66	16,414.49
City of Ontario	728,526.65	30,930.80
City of Pomona	6,977.19	296.23
San Antonio Water Co.	6,193.12	262.94
San Bernardino County (Prado-Tiro)	243.76	10.35
San Bernardino County Works #8	10,971.02	465.79
Santa Ana River Water Co.	7,259.58	308.22
Southern California Water Co.	3,295.07	139.90
City of Upland	20,651.41	876.79
West End Consolidated Water Co.	3,473.12	147.46
West San Bernardino County Water Dist.	218.43	9.27
Assessments Paid/Interest Earned	\$2,429,424.54	\$103,145.22

Pool Interest to be allocated:		
Total Interest Earned	\$100,358.90	#4501-121
Less SB222 Portion	1,956.33	
Delinquency Fees	829.98	

Interest Earned on Assm'ts	\$103,145.21	#4501-122
	=====	
Pool funds available for		
distribution per Audit:	\$103,145.21	#3902-015
	=====	

10/2/88

CHINO BASIN WATERMASTER
1988/89 APPROPRIATIVE POOL ASSESSMENTS

	-----Administrative Assessments-----			-----Replenishment Assessments-----			1987/88 Interest Credits	Total 1988/89 Assessments
	Gross Administration Acre Feet	Agric.Pool Assessed @ Water Transfr	15% Gross Assessments Acre Feet	85% Net Assessments Assessment	100% Net Assessments Acre Feet	Assessment		
Rate per Acre Foot-----)		\$0.67110	\$0.09390	\$3.55493	\$132.03050	\$155.330		
Chino Basin Mun Water Dist.	0.000	\$5.00	\$0.00	0.000		\$0.00	\$0.00	\$5.00
City of Chino	7,940.300	5,328.74	572.67	7,940.300	\$28,227.21	0.000	\$0.00	12,840.20
Cucamonga Co. Water Dist.	8,922.600	5,987.96	473.91	8,922.600	31,719.22	0.000		863.47
Fontana Union Water Co.	7,584.000	5,089.62	837.56	7,584.000	26,960.59	0.000		613.70
Jurupa Community Services	8,732.000	5,860.05	208.60	8,732.000	31,041.65	2,269.807	299,683.75	27,638.38
Marygold Mutual Water Co.	104.400	70.06	85.80	0.000		0.000		10.93
Monte Vista Water Dist.	9,211.100	6,181.57	543.16	9,211.100	32,744.82	0.000	0.00	11,106.58
Monte Vista Irrigation	236.900	158.98	88.61	236.900	842.16	0.000		61.38
M/W Co./Glen Avon Heights	733.400	492.18	61.27	733.400	2,607.19	0.000	0.00	148.34
City of Norco	3,477.700	2,333.88	26.39	1,567.000	5,570.58	1,084.418	143,176.25	1,910.700
City of Ontario	27,713.700	18,598.66	1,587.55	27,713.700	98,520.26	9,433.091	1,245,455.72	296,789.03
City of Pomona	13,426.900	9,010.79	1,468.55	0.000		0.000		16,414.49
San Antonio Water Co.	1,171.300	786.06	197.30	1,171.300	4,163.89	0.000		30,930.80
S.B. Co. - Prado Tiro	1.100	5.00	0.00	0.000		0.000	1.100	296.23
S.B. Co. Water Works #8	2,569.600	1,724.46	412.55	2,569.600	9,134.75	0.000		10,183.11
Santa Ana River Water Co.	1,260.800	846.12	170.40	1,260.800	4,482.06	0.000		262.94
Southern Calif. Water Co.	650.900	436.82	53.88	650.900	2,313.90	0.000		4,884.31
City of Upland	5,516.200	3,701.92	373.48	5,516.200	19,609.70	0.000		10.35
West End Consol. Water Co.	0.000	5.00	124.09	0.000	0.00	0.000		465.79
West San Bernardino CWD	0.000	5.00	84.36	0.000	0.00	0.000		308.22
								139.90
								876.79
								22,808.31
								147.46
								(18.37)
								9.27
								80.09
Total Acre Feet	99,252.900			83,809.800		12,787.316	1,911.800	
Total Dollars		\$66,627.87	\$7,370.13		\$297,937.98		\$1,688,315.72	\$296,959.89
								\$103,145.22
								\$2,254,066.37

b:nagprod

CHINO BASIN WATERMASTER
1987/88 OVERLYING (NON-AGRICULTURAL) POOL PRODUCTION

Producer	Carry-Over From 1986/87	Share of Operating Safe Yield	1987/88 Production	Net Production	Carry-Over To 1988/89	Eligible for Local Storage	Carry-Over Local Storage and New Storage Acc'ts 6/30/88	Local Storage 7/01/88
Ameron Steel	97.858	97.858	0.000		97.858	97.858	121.790	219.648 (1)
Conrock	317.844	317.844	0.000		317.844	317.844	2,860.596	3,178.440 (1)
Kaiser Steel Corporation	2,930.274	2,930.274	1.300		2,930.274	2,928.974	11,619.492	14,548.466 (1)
Quaker Chemical Co.	0.000	0.000	0.400	0.400	0.000	0.000		0.000
San Bernardino, County of	78.040	133.870	138.300		73.610	0.000	118.120	118.120
Southern California Edison Co	982.499	982.499	744.800		982.499	237.699	1,070.394	1,308.093 (1)
Southern Service Company	15.845	18.789	11.700		18.789	4.145	5.045	9.190
Space Center-Mira Loma	104.121	104.121	87.800		104.121	16.321	178.889	195.210 (1)
Sunkist	1,873.402	1,873.402	1,586.500		1,873.402	286.902	3,832.816	4,119.718 (1)
Swan Lake	464.240	464.240	386.300		464.240	77.940	147.700	225.640
Union Carbide Corporation	427.446	427.446	0.000		427.446	427.446	1,778.322	2,205.768 (1)
West Venture Development	15.657	15.657	1.000		15.657	14.657		
Totals	7,307.226	7,366.000	2,958.100	0.400	7,305.740	4,409.786	21,733.164	26,128.293

(1) Producers with two local storage agreements.

CHINO BASIN WATERMASTER
 1988/89 OVERLYING (NON-AGRICULTURAL) POOL ASSESSMENTS

Producer	Gross Administrative Assessments		Net Replenishment Assessments		Total 1988/89 Assessment
	1987/88 Production	Assessment per Acre Foot \$5.00	Acre Feet Exceeding Safe Yield	Assessment per Acre Foot \$155.33	
Aeron Steel	0.000	\$5.00			\$5.00
Conrock	0.000	5.00			5.00
Kaiser Steel Corporation	1.300	5.00			5.00
Quaker Chemical Co.	0.400	5.00	0.400	\$62.13	67.13
San Bernardino, County of	138.300	5.00			5.00
Southern California Edison Co.	744.800	5.00			5.00
Southern Service Company	11.700	5.00			5.00
Space Center-Mira Loma	87.800	5.00			5.00
Sunkist	1,586.500	5.00			5.00
Swan Lake	386.300	5.00			5.00
Union Carbide Corporation	0.000	5.00			5.00
West Venture Development	1.000	5.00			5.00
Totals	2,958.100	\$60.00	0.400	\$62.13	\$122.13

RESOLUTION 88-5

A RESOLUTION OF THE CHINO BASIN WATERMASTER
LEVYING REPLENISHMENT AND ADMINISTRATIVE
ASSESSMENTS FOR FISCAL YEAR 1988-89

WHEREAS, the Chino Basin Watermaster was appointed on January 27, 1978, under Case No. 164327 entitled Chino Basin Municipal Water District v. City of Chino, et al., with powers to levy and collect administrative and replenishment assessments necessary to maintain water levels and to cover the cost of administration of the Chino Basin Groundwater Basin Management Plan; and

WHEREAS, the Chino Basin Watermaster has approved an administrative budget as recommended by the Watermaster Advisory Committee for Fiscal Year 1988-89 in the amount of \$131,435 to carry out the necessary functions contained in the Judgment; and


WHEREAS, the parties named in this Judgment have pumped 14,699.516 acre feet of water in excess of the operating safe yield which is required to be replaced with imported water at the expense of the parties in accordance with the assessment formulas for each of the three pools.

NOW, THEREFORE, BE IT RESOLVED that the Chino Basin Watermaster levies the respective assessments for each pool as recommended by the Watermaster Advisory Committee as shown on Exhibit "A" attached hereto.

BE IT FURTHER RESOLVED, that each party will have thirty (30) days to remit payment for assessments due from date of notice. After this date, interest will accrue as provided for in Section 55(c) of the Judgment.

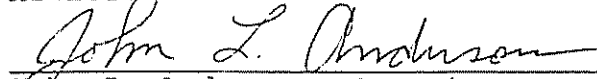
BE IT FURTHER RESOLVED that upon the effective date of this Resolution, Resolution 88-4 is hereby rescinded in its entirety.

THE FOREGOING RESOLUTION was approved and signed by me this 7th day of December, 1988



Dwight F. French, Chairman Of The
Chino Basin Watermaster

ATTEST:



John L. Anderson, Secretary
Of The Chino Basin Watermaster

EXHIBIT "A"
RESOLUTION 88-5

SUMMARY

OF

ASSESSMENTS PER ACRE FOOT
FISCAL YEAR 1988-89
PRODUCTION YEAR 1987-88

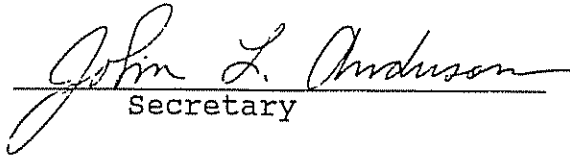
1.	OVERLYING (NON-AGRICULTURAL) POOL	
a.	1988-89 Administrative Budget	\$5.00/Producer
b.	Replenishment	\$155.330
2.	APPROPRIATIVE POOL	
a.	Administration	
1.	1988-89 Administrative Budget	\$.7467/AF (Production) or \$5.00/Producer
2.	1986-87 Water Transfers	\$.09390/AF (Transferred)
b.	Net Replenishment	
	MWD	\$155.330
c.	15/85	
	Gross	\$3.55493
	Net	\$132.03050

NOTE: All replenishment assessments per acre feet include
\$2.33 spreading cost.

STATE OF CALIFORNIA)
) ss.
COUNTY OF SAN BERNARDINO)

I, John L. Anderson, Secretary of the Chino Basin Watermaster, DO HEREBY CERTIFY that the foregoing Resolution being Number 88-5, was adopted at a regular meeting of said Watermater by the following vote:

AYES: Directors French, Borba, Anderson, Girard and Dunihue
NOES: None
ABSENT: None


Secretary

MEMO TO: ALICE LICHTI
 FROM: DON PETERS
 SUBJECT: TRANSFER OF RIGHTS FROM FELSPAR GARDENS MUTUAL WATER COMPANY (27880)
 TO JURUPA COMMUNITY SERVICES DISTRICT (42640)
 DATE: JANUARY 26, 1988

Be advised on this date all pumping rights of Felspar Gardens Mutual Water Company (FGMWC) were transferred to Jurupa Community Services District (JCSD) pursuant to the Notice of Assignment/Transfer of Water Rights executed by both FGMWC and JCSD.

The 79.420 acre feet of water underpumped by FGMWC during FY 1986/87 was transferred to JCSD as a "Carryover Right".

The 47.549 acre feet of Initial Share of Safe Yield of FGMWC was transferred to JCSD and has been applied to JCSD's Initial Share of Safe Yield, i.e., JCSD's Initial Share of Safe Yield amount now reflects 1,593.144 Acre Feet.

Felspar Gardens has been placed in an "Inactive" status and should be removed from future Watermaster assessment packages.

As a result of this transfer, the percentage distribution factor among the remaining Appropriative Pool members will change. Your cooperation in making this change on the PC program is appreciated.

Thank you.

	<u>5054</u> %	<u>Share of D.P.S.Y.</u>
- Feb. Jan.	0.087	47.549
Jurupa	<u>1.402</u>	<u>769.655</u>
	1.489	816.204
MLWC	<u>1.417</u>	<u>776.940</u>
	2.906	1593.144

Data must be entered on right hand side

Very Important Note - Must use formula in Key 8 & calculate after data has been changed.

SYMPHO...VWVWVASSMTS

CHINO BASIN WATERMASTER
1988/89 ADMINISTRATIVE ASSESSMENTS

	TOTALS	APPROPRIATIVE POOL		AGRICULTURAL POOL		NON-AGRICULTURAL POOL		SB222 FUNDS	
		AMOUNT	RATIOS & RATE	AMOUNT	RATIOS & RATES	AMOUNT	RATIOS & RATES		
1986/87 Production in Acre Feet	147,068.5	84,662.4	59.414%	59,847.2	38.241%	2,558.9	2.345%	N/A	
1987/88 Production in Acre Feet	141,967.0	82,617.0	58.195%	56,500.0	39.798%	2,850.0	2.008%	N/A	
1988/89 ADMINISTRATIVE BUDGET									
GENERAL ADMINISTRATION:									
Joint Watermaster-Advisory Comm. (1)	\$80,875	\$25,114		\$17,704		\$757			
Pool Administration	11,500	4,800		5,225		1,475			
Total Administrative Budgets	92,375	29,914	\$0.3621	22,929	\$0.4058	2,232	\$0.7832		
SPECIAL PROJECTS:									
Conjunctive Use/Cyclic S... (1)	4,075	3,371		1,622		82			
Water Installation (1)	1,025	596		408		21			
Well Water Data	8,825	0		0		0		\$8,825	
Water Testing Program	18,085	605		17,025		455			
Safe Yield Study	0	0		0		0		0	
Total Special Projects	32,010	3,573	0.0432	19,055	0.3373	557	0.1956	8,825	
1988/89 TOTAL ADMINISTRATIVE BUDGET									
5% Operating Reserve	124,385	33,487	0.4053	41,984	0.7431	2,789	0.9787	8,825	
Less: 88/89 Interest Revenue @ 5.5%	19,565	8,372	0.1013	10,496	0.1858	697	0.2447	0	
SB222 Funds (Note 2)	(4,325)	(1,814)	(0.0220)	(2,312)	(0.0409)	(199)	(0.0700)		
Pool Reserves	(3,550)	(3)	0.0000	(2,825)	(0.0500)	(725)	(0.2544)		
1988/89 CASH DEMAND	136,075	40,045	0.4846	47,343	0.8380	2,562	0.8990	8,825	
Funds on Hand for Admin. Asssts 7/1/88	=====	(10,813)	(0.1309)	(51,165)	(0.9056)	(13,115)	(4.6018)	(78,502)	
CASH BALANCE AT END OF FISCAL 1987/88		\$29,232	\$0.3537	(\$3,822)	(\$0.0676)	(\$10,553)	(\$3.7028)	(\$69,677)	
RECOMMENDED ASSESSMENTS FOR 1988/89									
General Administration Assessments	Per Acre Foot		\$0.3537		\$0.1000 Per Producer		\$5.0000		
Minimum Assessments	Per Producer		5.0000		5.0000		5.0000		
Water Transfer Costs (Revenues) (Note 4)	Per Acre Foot	\$39,245	0.5000	(\$39,245)	See Note 4				

add to 100.00%

to be changed

- 1) Total Costs have been allocated to Pools by actual 87/88 production percentages.
- 2) SB222 Interest allocated based on total SB222 assessments paid 41.94% 53.45% 4.61%
- 3) Applied to 89/90 Replenishment Assessments.
- 4) The Appropriative Pool has agreed to support the Agricultural Pool by paying for prior year water transfers with costs allocated to each Appropriative Pool member based on its Initial Share of Safe Yield. Support decisions will be made each year water is available for transfer.

CHINO BASIN WATERMASTER
 APPROPRIATIVE POOL
 1987/88 AGRICULTURAL POOL TRANSFERS

*Amount changed due to
 will be adjust*

ACRE FEET TO BE TRANSFERRED 78,489.400

Appropriative Pool Party	Appropriative Right (Acre Feet)	Initial Operating Safe Yield (Acre Feet)	Percents of Operating Safe Yield (Percentages)	Agricultural Pool Water Transfers				Assessments @ \$0.5000 (See Note 4)	1987/88 Operating Safe Yield (Acre Feet)
				Land Use Conversions First 10% (Acre Feet)	Remaining 50% (Acre Feet)	Balance Available (Acre Feet)	Total Transferred (Acre Feet)		
Chino Basin Mun. Water District	0.000	0.000	0.000%		0.000	0.000	0.000	\$0.00	0.000
City of Chino	5,271.700	3,670.067	6.693%	196.235	27.149	5,199.036	5,422.420	2,711.21	9,092.487
Lucasoma Co. Water District	5,199.000	3,619.454	6.601%		26.775	5,127.337	5,154.112	2,577.06	8,773.566
Montana Union Water Co.	9,188.300	6,396.736	11.666%		47.320	9,061.650	9,108.970	4,554.49	15,505.706
Parupa Community Services (2)	2,288.400	1,593.144	2.905%		11.785	2,256.856	2,268.641	1,134.32	3,861.785
Parrygold Mutual Water Co.	941.300	655.317	1.195%		4.848	928.325	933.173	466.59	1,588.490
Monte Vista Water District	5,958.700	4,148.344	7.565%		30.687	5,876.566	5,907.253	2,953.63	10,055.597
Monte Vista Irrigation Co.	972.100	676.759	1.234%		5.006	958.700	963.706	481.85	1,640.465
WV Co./Glen Avon Heights	672.200	467.974	0.853%		3.462	662.934	666.396	333.20	1,134.370
City of Norco	233.500	201.545	0.368%		1.491	285.510	287.001	143.50	488.546
City of Ontario	16,337.400	11,373.816	20.742%	209.400	84.138	16,112.207	16,405.745	8,202.87	27,779.561
City of Pomona	16,110.500	11,215.852	20.454%		82.969	15,888.435	15,971.404	7,985.70	27,187.256
San Antonio Water Co.	2,164.500	1,506.888	2.748%		11.147	2,134.665	2,145.812	1,072.91	3,652.700
S.B. Co. (Prado Tiro)	0.000	0.000	0.000%		0.000	0.000	0.000	0.00	0.000
S.B. Co. Water Works #8 (3)	4,525.900	3,150.822	5.746%		23.308	4,463.471	4,486.779	2,243.39	7,637.601
Santa Ana River Water Co.	1,869.300	1,301.374	2.373%		9.627	1,843.533	1,853.160	926.58	3,154.534
Southern California Water Co.	697.900	411.476	0.750%		3.044	582.899	585.943	292.97	997.419
City of Upland	4,097.200	2,852.401	5.202%		21.101	4,040.726	4,061.827	2,030.91	6,914.228
West End Consolidated Water Co.	1,361.300	947.714	1.728%		7.011	1,342.537	1,349.548	674.77	2,297.262
West San Bernardino CWD	925.500	644.317	1.175%		4.766	912.743	917.509	458.75	1,561.826
Totals	78,870.700	54,834.000	100.000%	405.635	405.634	77,678.130	78,489.399	\$39,244.70	133,323.399

(1) CCWD purchased Etiwanda Water Co. Figures include permanent transfer of 768 acre feet of Appropriative Right and 534,668 shares of Operating Safe Yield.
 (2) Includes pumping rights purchased from Mira Loma Water Company. *& Felsson Gardens Mutual Water Co*
 (3) Formerly Pomona Valley Water Company. Includes 823.9 acre feet of permanent transfer from Southern California Water Co.
 (4) The Appropriative Pool has agreed to support the Agricultural Pool by a payment of \$0.50/acre foot for 86/87 water transfers with costs spread to the Appropriative Pool members based upon benefits received (i.e. increases in Safe Yield allocations for the current year). Each year water is available for transfer from the Agricultural Pool, a determination of the amount of support and the rate to be paid for said water will be set.

to be changed

CHINO BASIN WATERMASTER
1987/88 ESTIMATED APPROPRIATIVE POOL PRODUCTION

State of California Proposal

Producer	1986/87 Carry Over	Initial Share of Safe Yield	Storage Transfer or Leased Rights To/(From)	Agricultural Pool Transfers	1987/88 Production	Net Over-Production		1987/88 Total Under- Produced	Under Production Balances -----Applications-----		Amount in Storage 07/01/88
						15%/85%	100%		Carry Over for 88/89 Production	Eligible for Local Storage Agreements	
Chino Basin M.W.D.	0.000	0.000		0.000	0.000			0.000	0.000	0.000	0.000
City of Chino	0.000	1,670.067		5,422.420	6,200.000	0.000		2,892.487	2,892.487	0.000	75.327
Cucamonga CWD (1)	3,619.454	3,619.454	(2,523.822)	5,154.112	5,500.000	0.000		4,369.198	3,619.454	749.744	9,813.647
Fontana Union Water Co.	6,396.736	6,396.736		9,108.970	8,607.000	0.000		13,295.442	6,396.736	6,898.706	28,969.033
Jurupa Community Svc	47.549	1,593.144		2,268.641	8,383.000	4,473.666		0.000	79.420	0.000	0.000
Marygold W/W Co.	655.317	655.317		933.173	115.000		0.000	2,128.807	655.317	1,473.490	0.000
Monte Vista WD (2)	0.000	4,148.344	<=>	5,907.253	8,334.000	0.000		1,721.597	1,721.597	0.000	0.000
Monte Vista Irr. Co.	454.785	676.759		963.706	175.000	0.000		1,920.250	676.759	1,243.491	78.267
W Co./Glen Avon Heights	24.340	467.974		666.396	0.000	0.000		1,158.710	467.974	690.736	0.000
City of Norco (3)	0.000	201.545	750	287.001	3,110.000	1,078.454	1,543.000	0.000	0.000	0.000	0.000
City of Ontario	0.000	11,373.816	(6,000.000)	16,405.745	20,889.000	0.000		890.561	890.561	0.000	0.000
City of Pomona	11,215.852	11,215.852		15,971.404	10,916.000		0.000	27,487.108	11,215.852	16,271.256	10,279.833
San Antonio Water Co.	1,506.888	1,506.888		2,145.812	1,127.000	0.000		4,032.588	1,506.888	2,525.700	4,716.594
S. B. Co. (Prado Tiro)	0.000	0.000		0.000	3.000	0.000	3.000	0.000	0.000	0.000	0.000
S. B. Co. Water Works #8	3,150.822	3,150.822		4,486.779	2,426.000	0.000		8,362.423	3,150.822	5,211.601	5,919.085
Santa Ana River Water Co.	835.110	1,301.374		1,853.160	1,127.000	0.000		2,862.644	1,301.374	1,561.270	271.977
Southern Cal. Water Co.	112.256	411.476		585.943	600.000	0.000		509.675	411.476	98.199	0.000
City of Upland	2,423.905	2,852.401		4,061.827	4,830.000	0.000		4,508.133	2,852.401	1,655.732	0.000
West End Consol. Water Co.	947.714	947.714		1,349.548	275.000	0.000		2,969.976	947.714	2,022.262	2,494.939
West San Bernardino CWD	131.861	644.317	(1,076.178)	917.509	0.000		0.000	917.509	644.317	273.192	0.000
Metropolitan W.D. So.Ca.	0.000	0.000	9,600.000	0.000	0.000	0.000	0.000	9,600.000	0.000	9,600.000	0.000
Totals	31,922.589	54,834.000	(0.000)	78,489.399	82,617.000	5,552.120	1,546.000	89,627.108	39,431.149	50,275.379	62,618.702

- (1) Cucamonga Co. Water District leased 1,036,000 AF from West San Bernardino Co. Water Dist.
- (2) Monte Vista Water District leased 0.000 acre feet from Marygold Mutual Water Co.
- (3) City of Norco's maximum export right under the 15%/85% formula..... 1,567.000
 Acre feet leased from Monte Vista Irrigation Co..... ~~750,000~~
 Net Over-Production under the 15%/85% formula = 1,567.000 - 201.545 - lease rights - Agri. pool transfers or 1,078.454
 All Norco Production exceeding 1,567 acre feet falls under the 100% Net formula..... 1,543.000
- (4) Jurupa Community Services District leased 0.000 Acre Feet from Santa Ana River Water Co.

SPREADG

CHINO BASIN WATERMASTER
 PROPOSED BUDGET 1988/89
 SPREADING COSTS

Location	Actuals 1986/87			Projected Actuals 1987/88			Projected 1988/89		
	Acre Feet	Cost	Average Cost/AF	Acre Feet	Cost	Average Cost/AF	Acre Feet	Cost	Average Cost/AF
2. UPPER BASINS	15,484.0			4,850.0			19,850.0		
1. MWD Temporary Use Fee		\$15,484	\$1.00		\$4,850	\$1.00		\$19,850	\$1.00
2. Basin Maintenance		0			0			4,275	
3. MONTCLAIR BASINS	4,522.9			2,860.9			3,000.0		
1. OCWD/OC-59 Use Fee		9,046	2.00		5,722	2.00		6,000	2.00
2. Basin Repairs									
Basin #1		0			0			0	
Basin #2		0			0			0	
Basin #3		0			0			0	
Basin #4		0			0			0	
3. Meter Maintenance		0	0.00		0	0.00		0	0.00
4. ALL BASINS	20,006.9			8,710.9			22,850.0		
1. SBCFCD Monitoring		16,562	0.83		7,400	0.85		22,850	1.00
2. Cyclic Water Del Costs		0		6,925.0	15,465	2.23	0.0	0	0.00
TOTAL COSTS	20,006.9	\$41,092	\$2.05	15,635.9	\$33,437	\$2.14	22,850.0	\$52,975	\$2.32

COST ALLOCATIONS	Actuals 1986/87			Projected Actuals 1987/88			Projected 1988/89			Rates for Acre Foot
	Totals	Cyclic Storage	Replenishment Water	Totals	Cyclic Storage	Replenishment Water	Totals	Cyclic Storage	Replenishment Water	
Flows in Acre Feet	20,006.9	6,398.0	13,608.9	15,635.9	0.0	15,635.9	22,850.0	0.0	22,850.0	
Costs										
Spreading Costs	\$41,092	\$13,141	\$27,951	\$33,437	\$0	\$33,437	\$52,975	\$0	\$52,975	\$2.32
Water Purchases			2,082,162			2,392,292			3,496,050	\$153.00
Replenishment Assessments			(2,110,821)			(2,430,136)			(3,549,062)	\$155.32
Interest Revenue			(1,047)			(1,138)			(952)	
July 1 Replenishment Balance			(10,008)			(11,763)			(17,308)	
June 30 Replenishment Balance			(\$11,763)			(\$17,308)			(\$18,297)	

CHINO BASIN WATERMASTER
PROJECTED
1988/89 REPLENISHMENT ASSESSMENTS

WATER REPLENISHMENT OBLIGATIONS FOR PRODUCTION IN EXCESS OF SAFE YIELD:

Appropriative Pool Replenishment Obligation
Non-Agricultural Pool Replenishment Obligation

7,098.120
0.600

COST OF REPLENISHMENT WATER PER ACRE FOOT:

Metropolitan Water District Replenishment Water Rate \$153.00
Projected Water Spreading Cost 2.32

TOTAL ACRE FEET TO BE REPLENISHED

7,098.720

\$155.32

APPROPRIATIVE POOL

-----15%/85% GROUP ASSESSMENTS-----

100%

Total	Gross 15%	Net 85%	100% GROSS ASSESSMENTS
-------	--------------	------------	------------------------------

TOTAL
REPLENISHMENT
ASSESSMENTS

Non-Agricultural Pool Gross Production
Total Appropriative Pool Production in Acre Feet
Acre Feet Produced in Excess of Safe Yield
Less Production by 100% Net Producers
Chino Basin Municipal Water District
City of Corona
Marygold Mutual Water Company
San Bernardino Co. - Prado Tiro
City of Norco Exceeding Export Right

82,617.000

5,552.120

0.600

0.000

0.000

10,916.000

115.000

3.000

3.000

1,543.000

1,543.000

15%/85% Group Production
Less Prepaid Gross Assessments

70,040.000

5,552.120

1,546.600

0.000

0.000

0.000

Acre Feet to be Assessed

70,040.000

5,552.120

1,546.600

7,098.720

REPLENISHMENT ASSESSMENTS:

5,552.120 @ \$155.32 per Acre Foot
Less Prepaid Gross Assessments

\$862,355.28

\$129,353.29

\$733,001.99

\$240,217.91

0.00

0.00

Total Assessments

\$862,355.28

129,353.29

733,001.99

240,217.91

\$1,102,573.19

ASSESSMENTS PER ACRE FOOT

\$1.847

\$132.022

\$155.320

APPLINT

CHINO BASIN WATERMASTER
APPROPRIATIVE POOL
DISTRIBUTION OF INTEREST TO POOL MEMBERS

Producer	1987/88 Assessments	Interest Earned on Assessments
Chino Basin Mun. Water District	50.00	50.00
City of Chino	302,430.89	6,541.03
San Bernong County Water District	20,337.72	439.87
Montana Union Water Co.	14,454.69	312.63
Merupa Community Services	650,978.92	14,079.48
Marygold Mutual Water Co.	257.45	5.57
Monte Vista Water District	261,598.22	5,657.89
Monte Vista Irrigation Co.	1,445.73	31.27
Mutual Water Co. of Glen Avca Heights	3,493.91	75.57
City of Norco	386,617.66	8,361.83
City of Ontario	728,526.65	15,756.70
City of Pomona	6,977.19	150.90
San Antonio Water Co.	6,193.12	133.95
San Bernardino County (Prado-Tirol)	243.76	5.27
San Bernardino County Works #8	10,971.02	237.28
Santa Ana River Water Co.	7,259.58	157.01
Southern California Water Co.	3,295.07	71.27
City of Upland	20,651.41	446.65
West End Consolidated Water Co.	3,473.12	75.12
West San Bernardino County Water Dist.	218.43	4.72
Assessments Paid/Interest Earned	\$2,429,424.54	\$52,544.01

Pool Interest to be allocated:

Total Interest Earned	\$50,720.00
Less SB222 Portion	1,824.00
Delinquency Fees	0.00

#4501-121

#4501-122

Interest Earned on Assm'ts \$52,544.00

Pool funds available for
distribution per Audit:

#3902-015

CHINO BASIN WATERMASTER
1988/89 APPROPRIATIVE POOL ASSESSMENTS

Rate per Acre Foot-----)	-----Administrative Assessments-----			-----Replenishment Assessments-----			1987/88 Interest Credits	Total 1988/89 Assessments		
	Gross Administration Acre Feet	Agric.Pool Assessed @ Water Transfe \$0.50	100% Gross Assessments Acre Feet	85% Net Assessments Assessment \$1.847	85% Net Assessments Acre Feet	100% Net Assessments Assessment \$132.022			100% Net Assessments Acre Feet	Assessment \$155.320
Chino Basin Mun Water Dist.	0.000	\$0.00	\$0.00	0.000		0.000	\$0.00	\$0.00	\$0.00	
City of Chino	6,200.000	2,192.94	1,826.78	6,200.000	\$11,451.40	0.000	\$0.00	6,541.03	8,930.09	
San Bern Co. Water Dist.	5,500.000	1,945.35	1,704.82	5,500.000	10,158.50	0.000		439.87	13,368.80	
Montana Union Water Co.	8,607.000	3,044.30	3,012.96	8,607.000	15,897.13	0.000		312.63	21,641.76	
Curupa Community Services	8,383.000	2,965.07	750.40	8,383.000	15,483.40	4,473.666	590,622.33	14,079.48	595,741.72	
Marygold Mutual Water Co.	115.000	40.68	308.67	115.000		0.000		5.57	343.78	
Monte Vista Water District	8,334.000	2,947.74	1,953.94	8,334.000	15,392.90	0.000	0.00	5,657.89	14,636.69	
Monte Vista Irrigation Co.	175.000	61.90	318.76	175.000	323.23	0.000		31.27	672.62	
WV Co./Glen Avon Heights	0.000	0.00	220.42	0.000	0.00	0.000	0.00	75.57	144.85	
City of Norco	3,110.000	1,100.01	94.93	3,110.000	5,744.17	1,078.454	142,379.65	1,543.000	239,658.76	
City of Ontario	20,889.000	7,388.44	5,461.95	20,889.000	38,581.98	0.000	0.00	8,361.83	380,615.69	
City of Pomona	10,916.000	3,860.99	5,282.84	10,916.000		0.000		15,756.70	35,675.67	
San Antonio Water Co.	1,127.000	398.62	709.77	1,127.000	2,081.57	0.000		150.90	8,992.93	
S.B. Co. - Prado Tiro	3.000	5.00	0.00	3.000		0.000		133.95	3,056.01	
S.B. Co. Water Works #8	2,426.000	958.08	1,484.09	2,426.000	4,480.82	0.000	3.000	465.96	5.27	
Santa Ana River Water Co.	1,127.000	398.62	612.97	1,127.000	2,081.57	0.000		237.28	6,595.71	
Southern Calif. Water Co.	600.000	212.22	193.81	600.000	1,108.20	0.000		157.01	2,936.15	
City of Upland	4,830.000	1,708.37	1,343.53	4,830.000	8,921.01	0.000		71.27	1,442.96	
West End Consol. Water Co.	275.000	97.27	446.39	275.000	507.93	0.000		446.65	11,526.26	
West San Bernardino CWD	0.000	5.00	303.48	0.000	0.00	0.000		75.12	976.47	
								4.72	303.76	
Total Acre Feet	82,617.000			82,617.000		5,552.120		1,546.000		
Total Dollars		\$29,230.60	\$26,030.51		\$132,213.81		\$733,001.98	\$240,124.72	\$52,544.01	\$1,108,057.61

CHINO BASIN WATERMASTER
 1987/88 OVERLYING (NON-AGRICULTURAL) POOL PRODUCTION

Producer	Carry-Over From 1986/87	Share of Operating Safe Yield	1987/88 Production	Net Production	Carry-Over To 1988/89	Eligible for Local Storage	Carry-Over Local Storage and New Storage Acc'ts 6/30/88	Local Storage 7/01/87
Chrom Steel	97.858	97.858	72.000		97.858	25.858	95.932	121.790
Daheine Citrus Products	15.657	15.657	1.000		15.657	14.657		
Denreck	317.844	317.844	0.000		317.844	317.844	2,542.752	2,860.596 (1)
Kaiser Steel Corporation	2,930.274	2,930.274	16.900		2,930.274	2,913.374	8,706.118	11,619.492
Wacker Chemical Co.	0.000	0.000	0.500	0.600	0.000	0.000		0.000
San Bernardino, County of	133.870	133.870	189.700		78.040	0.000	118.150	118.150
Southern California Edison	982.499	982.499	351.900		982.499	630.599	439.795	1,070.394
Southern Service Company	15.845	18.789	10.800		18.789	5.045		0.000
Space Center-Mira Loma	104.121	104.121	97.200		104.121	6.921	171.968	178.889 (1)
Stunkist	1,873.402	1,873.402	1,460.900		1,873.402	412.502	3,420.314	3,832.816 (1)
Van Lake	464.240	464.240	358.000		464.240	106.240	41.460	147.700
Union Carbide Corporation	427.446	427.446	0.000		427.446	427.446	1,350.876	1,778.322 (1)
Totals	7,363.056	7,366.000	2,558.900	0.600	7,310.170	4,860.486	16,887.365	21,728.149

Probably

1) Producers with two local storage agreements.

CHINO BASIN WATERMASTER
1988/89 OVERLYING (NON-AGRICULTURAL) POOL ASSESSMENTS

Gross Administrative Assessments

Net Replenishment Assessments

Producer	Assessment		Assessment		Total 1988/89 Assessment
	1987/88 Production	per Acre Foot \$5.00	Acre Feet Exceeding Safe Yield	per Acre Foot \$155.32	
Ameron Steel	72.900	\$5.00			\$5.00
Asheima Citrus Products	1.000	5.00			5.00
Benrock	0.000	5.00			5.00
Faiser Steel Corporation	16.900	5.00			5.00
Quaker Chemical	0.500	5.00	0.500	\$77.66	82.66
San Bernardino, County of	189.700	5.00			5.00
Southern California Edison Co	351.900	5.00			5.00
Southern Service Company	10.800	5.00			5.00
Space Center-Mira Loma	97.200	5.00			5.00
Unkist	1,460.900	5.00			5.00
Suan Lake	358.000	5.00			5.00
Union Carbide Corporation	0.000	5.00			5.00
Totals	2,558.900	\$60.00	0.500	\$77.66	\$137.66

CHINO BASIN WATERMASTER
 APPROPRIATIVE POOL
 1988/89 AGRICULTURAL POOL TRANSFERS

ACRE FEET TO BE TRANSFERRED 24,935.000

Appropriative Pool Party	Appropriative Right (Acre Feet)	Initial Operating Safe Yield (Acre Feet)	Percents of Operating Safe Yield (Percentages)	-----Agricultural Pool Water Transfers-----					1988/89 Operating Safe Yield (Acre Feet)
				Land Use Conversions First 50% (Acre Feet)	Land Use Conversions Remaining 50% (Acre Feet)	Balance Available (Acre Feet)	Total Transferred (Acre Feet)	Assessments @ per Acre Foot \$3.27076 (See Note 4)	
Chino Basin Mun. Water Dist.	0.000	0.000	0.000%		0.000	0.000	0.000	\$0.00	0.000
City of Chino	5,271.700	3,670.067	6.693%	196.235	27.149	1,614.613	1,837.997	6,011.65	5,508.064
Cucaamonga Co. Water Dist. (1)	5,199.000	3,619.454	6.601%		26.775	1,592.347	1,619.122	5,295.76	5,238.576
Fontana Union Water Co.	9,188.300	6,396.736	11.666%		47.320	2,814.187	2,861.507	9,359.30	9,258.243
Jurupa Community Services (2)	2,288.400	1,593.144	2.905%		11.785	700.890	712.675	2,330.99	2,305.819
Marygold Mutual Water Co.	941.300	655.317	1.195%		4.848	288.301	293.149	958.82	948.466
Monte Vista Water District	5,958.700	4,148.344	7.565%		30.687	1,825.027	1,855.714	6,069.60	6,004.058
Monte Vista Irrigation Co.	972.100	676.759	1.234%		5.006	297.734	302.740	990.19	979.499
M/W Co./Glen Avon Heights	672.200	467.974	0.853%		3.462	205.881	209.343	684.71	677.317
City of Norco	289.500	201.545	0.368%		1.491	88.668	90.159	294.89	291.704
City of Ontario	16,337.400	11,373.816	20.742%	209.400	84.138	5,003.809	5,297.347	17,326.35	16,671.163
City of Poona	16,110.500	11,215.852	20.454%		82.969	4,934.314	5,017.283	16,410.33	16,233.135
San Antonio Water Co.	2,164.500	1,506.888	2.748%		11.147	662.942	674.089	2,204.78	2,180.977
S.B. Co. (Prado Tirol)	0.000	0.000	0.000%		0.000	0.000	0.000	0.00	0.000
S.B. Co. Water Works #9 (3)	4,525.900	3,150.822	5.746%		23.308	1,386.176	1,409.484	4,610.08	4,560.306
Santa Ana River Water Co.	1,869.300	1,301.374	2.373%		9.627	572.528	582.155	1,904.09	1,883.529
Southern California Water Co.	697.900	411.476	0.750%		3.044	181.025	184.069	602.05	595.545
City of Upland	4,097.200	2,852.401	5.202%		21.101	1,254.888	1,275.989	4,173.45	4,128.390
West End Consol. Water Co.	1,361.300	947.714	1.728%		7.011	416.938	423.949	1,386.64	1,371.663
West San Bernardino CWD	925.500	644.317	1.175%		4.766	283.462	288.228	942.72	932.545
Totals	78,870.700	54,834.000	100.000%	405.635	405.634	24,123.730	24,934.999	\$81,556.40	79,768.999

- (1) CCWD purchased Etiwanda Water Co. Figures include permanent transfer of 768 acre feet of Appropriative Right and 534.668 shares of Operating Safe Yield.
- (2) Includes pumping rights purchased from Mira Loma Water Company and Felspar Gardens Mutual Water Co.
- (3) Formerly Poona Valley Water Company. Includes 823.9 acre feet of permanent transfer from Southern California Water Co.
- (4) Appropriative Pool members have agreed to assume the Overlying (Agricultural) Pool's 1988/89 administrative assessments in exchange for unpumped Agri. water transferred to the Prop. Pool following the 1987-88 production year. (Per Minute action by the Approp. Pool at their meeting of June 7, 1988.) Costs have been allocated to each Approp. Pool member based on its share of Initial Operating Safe Yield.

CHINO BASIN WATERMASTER
1988/89 APPROPRIATIVE POOL PRODUCTION

Producer	1987/88 Carry Over	Initial Share of Safe Yield	Storage Transfer or Leased Rights To/(From)	Agricultural Pool Transfers	1988/89 Production & MWD Exchanges	Net Over-Production		1988/89 Total Under- Produced	Under Production Balances -----Applications-----		Amount in Storage 07/01/88
						15%/85%	100%		Carry Over for 89/90 Production	Eligible for Local Storage Agreements	
Chino Basin M.W.D.	0.000	0.000		0.000	0.000		0.000	0.000	0.000	0.000	0.000
City of Chino	1,828.530	3,670.067		1,837.997	8,032.800	696.206		0.000	0.000	0.000	75.327
Cucamonga CWD (1)	3,619.454	3,619.454	24,244.220	1,619.122	13,202.200	0.000		19,900.050	3,619.454	16,280.596	27,633.692
Fontana Union Water Co.	6,396.736	6,396.736	0.000	2,861.507	10,745.100	0.000		4,909.879	4,909.879	0.000	22,701.459
Jurupa Community Svc	0.000	1,593.144		712.675	8,621.000	6,315.181		0.000	0.000	0.000	0.000
Marygold M/W Co.	655.317	655.317	(800.000)	293.149	104.600		0.000	699.183	655.317	43.866	864.700
Monte Vista WD (2)	1,321.747	4,148.344	800.000	1,855.714	6,792.400	0.000		1,333.405	1,333.405	0.000	0.000
Monte Vista Irrigation Co.	676.759	676.759		302.740	255.300	0.000		1,400.958	676.759	724.199	239.834
M/W Co./Glen Avon Heights	411.463	467.974		209.343	775.900	0.000		312.880	312.880	0.000	0.000
City of Norco (3)	0.000	201.545		90.159	3,912.300	1,275.296	2,345.300	0.000	0.000	0.000	0.000
City of Ontario (3)	0.000	11,373.816		5,297.347	25,323.200	8,652.037		0.000	0.000	0.000	10,000.000
City of Pomona	11,215.852	11,215.852		5,017.283	14,071.500		0.000	13,377.487	11,215.852	2,161.635	23,708.311
San Antonio Water Co.	1,506.888	1,506.888		674.089	1,092.000	0.000		2,595.865	1,506.888	1,088.977	7,153.406
S. B. Co. (Prado Tiro)	0.000	0.000		0.000	0.700	0.000	0.700	0.000	0.000	0.000	0.000
S. B. Co. Water Works #8	3,150.822	3,150.822		1,409.484	2,528.800	0.000		5,182.328	3,150.822	2,031.506	10,893.853
Santa Ana River Water C	90.337	1,301.374		582.155	1,169.100	0.000		804.766	804.766	0.000	271.977
Southern Cal. Water Co.	411.476	411.476		184.069	626.800	0.000		380.221	380.221	0.000	35.123
City of Upland	2,852.401	2,852.401		1,275.989	2,787.800	0.000		4,192.991	2,852.401	1,340.590	885.129
West End Consol. Water Co.	947.714	947.714		423.949	0.000	0.000		2,319.377	947.714	1,371.663	4,764.158
West San Bernardino CWD	644.317	644.317	(1,542.761)	288.228	0.000		0.000	34.101	34.101	0.000	0.000
Metropolitan W.D. So. Ca. (1,4)	0.000	0.000	6,424.500	0.000	0.000	0.000	0.000	6,424.500	0.000	6,424.500	7,674.300
Totals	35,729.813	54,834.000	29,125.959	24,934.999	100,041.500	16,938.720	2,346.000	63,867.991	32,400.459	31,467.532	116,901.269

(1) Cucamonga Co. Water District leased 1076.178AF from West San Bernardino Co. Water Dist, purchased from local storage 22,701.459AF from Fontana Union Water Co. and Exchanged 5,064AF with MWD.
 (2) Monte Vista Water District leased 800.000 acre feet from Marygold Mutual Water Co.
 (3) City of Norco's maximum export right under the 15%/85% formula..... 1,567.000
 Net Over-Production under the 15%/85% formula = 1,567.000 - 201.545 - lease rights - Agri. Pool transfers = 1,275.296 Ac. Ft.
 All Norco Production exceeding 1,567 acre feet falls under the 100% Net formula..... = 2,345.300 Ac. Ft.

CHINO BASIN WATERMASTER
 PROPOSED ASSESSMENTS 1989/90
 SPREADING COSTS

Location	Actuals 1987/88			Actuals 1988/89			Projected 1989/90		
	Acre Feet	Cost	Average Cost/AF	Acre Feet	Cost	Average Cost/AF	Acre Feet	Cost	Average Cost/AF
A. UPPER BASINS	1,215.4			3,082.5			19,324.2		
1. MWD Temporary Use Fee		\$1,215	\$1.00		\$3,083	\$1.00		\$19,324	\$1.00
2. Basin Maintenance		0			0			0	
B. MONTCLAIR BASINS	1,278.3			4,324.7			0.0		
1. OCND/OC-59 Use Fee		2,557	2.00		8,649	2.00		0	\$0.00
2. Basin Repairs									
Basin #1		0			0			0	
Basin #2		0			0			0	
Basin #3		0			0			0	
Basin #4		0			0			0	
3. Meter Maintenance		0	0.00		0	0.00	0	0	0.00
C. ALL BASINS	2,493.7			7,407.2			19,324.2		
1. SBCFCD Monitoring		2,569	1.03		8,035	1.08		19,324	1.00
2. Cyclic Water Del Cost	13,142.2	29,349	2.23	0.0	0	0.00	0.0	0	0.00
TOTAL COSTS	15,635.9	\$35,690	\$2.28	7,407.2	\$19,767	\$2.67	19,324.2	\$38,648	\$2.00

COST ALLOCATIONS	Actuals 1987/88			Actuals 1988/89			Projected 1989/90			Rates for Acre Foot
	Totals	Cyclic Storage	Replenishment Water	Totals	Cyclic Storage	Replenishment Water	Totals	Cyclic Storage	Replenishment Water	
Flows in Acre Feet	15,635.9	0.0	15,635.9	7,407.2	500.484	6,906.716	19,324.2	(0.0)	19,324.2	
Costs										
Spreading Costs	\$35,690	\$0	\$35,690	\$19,767	\$1,336	\$18,431	\$38,648	\$0	\$38,648	\$2.00
Water Purchases			2,392,293			1,133,302			3,060,903	\$115.00
Replenishment Assessments			(2,430,138)			(2,285,431)			(2,260,936)	\$117.00
Interest Revenue			(655)			(890)			(950)	
July 1 Replenishment Balance			(11,763)			(14,573)			(1,149,161)	
June 30 Replenishment Balance			(\$14,573)			(\$1,149,161)			(\$311,497)	

CHINO BASIN WATERMASTER

1989/90 REPLENISHMENT ASSESSMENTS

WATER REPLENISHMENT OBLIGATIONS FOR PRODUCTION IN EXCESS OF SAFE YIELD:		COST OF REPLENISHMENT WATER PER ACRE FOOT:	
Appropriative Pool Replenishment Obligation	19,284.720	Metropolitan Water District Replenishment Water Rate	\$115.00
Non-Agricultural Pool Replenishment Obligation	39.520	Projected Water Spreading Cost	2.00
	-----		-----
TOTAL ACRE FEET TO BE REPLENISHED	19,324.240		\$117.00
	=====		=====

	APPROPRIATIVE POOL			TOTAL REPLENISHMENT ASSESSMENTS
	-----15%/85% GROUP ASSESSMENTS-----		100%	
	Total	Gross 15%	Net 85% ASSESSMENTS GROSS	
Non-Agricultural Pool Gross Production			39.520	
Total Appropriative Pool Production in Acre Feet	100,041.500			
Acre Feet Produced in Excess of Safe Yield			16,938.720	
Less Production by 100% Net Producers				
Chino Basin Municipal Water District		0.000	0.000	
City of Pomona	14,071.500			
Marygold Mutual Water Company	104.600			
San Bernardino Co. - Prado Tiro	0.700		0.700	
City of Norco Exceeding Export Right	2,345.300		2,345.300	
	-----	-----	-----	
15%/85% Group Production	83,519.400	16,938.720	2,385.520	
Less Prepaid Gross Assessments	0.000	0.000	0.000	
	-----	-----	-----	
Acre Feet to be Assessed	83,519.400	16,938.720	2,385.520	19,324.240
				=====
REPLENISHMENT ASSESSMENTS:				
16,938.720 @ \$117.00 per Acre Foot	\$1,981,830.24	\$297,274.54	\$1,684,555.70	\$279,105.84
Less Prepaid Gross Assessments	0.00	0.00		
	-----	-----	-----	
Total Assessments	\$1,981,830.24	297,274.54	1,684,555.70	279,105.84
	=====	=====	=====	=====
ASSESSMENTS PER ACRE FOOT		\$3.55935	\$99.4500	\$117.0000
		=====	=====	=====

CHINO BASIN WATERMASTER
 APPROPRIATIVE POOL
 DISTRIBUTION OF INTEREST TO POOL MEMBERS

Producer	1988/89 Assessments	Interest Earned on Assessments		
Chino Basin Mun. Water District	\$5.00	\$0.23		
City of Chino	21,288.42	971.20		
Cucamonga County Water District	37,317.62	1,702.46		
Fontana Union Water Co.	32,274.07	1,472.37		
Jurupa Community Services	309,155.67	14,103.94		
Marygold Mutual Water Co.	144.93	6.61		
Monte Vista Water District	28,362.97	1,293.94		
Monte Vista Irrigation Co.	1,028.37	46.92		
Mutual Water Co. of Glen Avon Heights	3,012.30	137.42		
City of Norco	431,481.64	19,684.56		
City of Ontario	1,333,231.39	60,823.15		
City of Pomona	10,183.11	464.56		
San Antonio Water Co.	4,884.31	222.83		
San Bernardino County (Prado-Tiro)	165.51	7.55		
San Bernardino County Parks #8	10,805.97	492.98		
Santa Ana River Water Co.	5,190.36	236.79		
Southern California Water Co.	2,664.70	121.57		
City of Upland	22,808.31	1,040.53		
West End Consolidated Water Co.	0.00	0.00		
West San Bernardino County Water Dist.	80.09	3.65		
Assessments Paid/Interest Earned	\$2,254,084.74	\$102,833.26 ✓	68,998.0	

Pool Interest to be allocated:		
Total Interest Earned		#4501-121
Less SB222 Portion		
Delinquency Fees		
Interest Earned on Assn'ts	\$102,833.26	#4501-122
Pool funds available for distribution per Audit:	\$102,833.26	#3902-015

CHINO BASIN WATERMASTER
1989/90 APPROPRIATIVE POOL ASSESSMENTS

Rate per Acre Foot----->	-----Administrative Assessments-----			-----Replenishment Assessments-----			1988/89 Interest Credits	Total 1989/90 Assessments			
	Gross Administration Acre Feet	Agric.Pool Assessed @ Water Transfr	15% Gross Assessments Acre Feet	85% Net Assessments Assessment	100% Net Assessments Acre Feet	Assessment					
		\$0.48390	\$3.27076		\$3.55935	\$99.45000	\$117.000				
Chino Basin Mun Water Dist.	0.000	\$5.00	\$0.00	0.000			\$0.00	\$4.77			
City of Chino	8,032.800	3,887.07	6,011.65	8,032.800	\$28,591.55	696.206	\$69,237.69	971.20	106,756.76		
Cucamonga Co. Water Dist	13,202.200	6,388.54	5,295.76	13,202.200	46,991.25	0.000		1,702.46	56,973.09		
Fontana Union Water Co.	10,745.100	5,199.55	9,359.30	10,745.100	38,245.57	0.000		1,472.37	51,332.05		
Jurupa Community Services	8,621.000	4,171.70	2,330.99	8,621.000	30,685.16	6,315.181	628,044.75	14,103.94	651,128.66		
Marygold Mutual Water Co.	104.600	50.62	958.82	0.000		0.000		6.61	1,002.83		
Monte Vista Water District	6,792.400	3,286.84	6,069.60	6,792.400	24,176.53	0.000	0.00	1,293.94	32,239.03		
Monte Vista Irrigation Co.	255.300	123.54	990.19	255.300	908.70	0.000		46.92	1,975.51		
M/W Co./Glen Avon Heights	775.900	375.46	684.71	775.900	2,761.70	0.000	0.00	137.42	3,684.45		
City of Norco	3,912.300	1,893.16	294.89	1,567.000	5,577.50	1,275.296	126,828.19	2,345.300	274,400.10	19,684.56	389,309.28
City of Ontario	25,323.200	12,253.90	17,326.35	25,323.200	90,134.13	8,652.037	860,445.08	60,823.15	919,336.31		
City of Pomona	14,071.500	6,809.20	16,410.33	0.000		0.000		464.56	22,754.97		
San Antonio Water Co.	1,092.000	528.42	2,204.78	1,092.000	3,886.81	0.000		222.83	6,397.18		
S.B. Co. - Prado Tire	0.700	5.00	0.00	0.000		0.000		0.700	81.90	7.55	79.35
S.B. Co. Water Works #8	2,528.800	1,223.69	4,610.08	2,528.800	9,000.88	0.000		492.98	14,341.67		
Santa Ana River Water Co.	1,169.100	565.73	1,904.09	1,169.100	4,161.24	0.000		236.79	6,394.27		
Southern Calif. Water Co.	626.800	303.31	602.05	626.800	2,231.00	0.000		121.57	3,014.79		
City of Upland	2,787.800	1,349.02	4,173.45	2,787.800	9,922.76	0.000		1,040.53	14,404.70		
West End Consol. Water Co.	0.000	5.00	1,386.64	0.000	0.00	0.000		0.00	1,391.64		
West San Bernardino CWD	0.000	5.00	942.72	0.000	0.00	0.000		3.65	944.07		
Total Acre Feet	100,041.500			83,519.400		16,938.720		2,346.000			
Total Dollars		\$48,429.75	\$81,556.40		\$297,274.78		\$1,684,555.71		\$274,482.00	\$102,833.26	\$2,283,465.38

CHIND BASIN WATERMASTER
 1988/89 OVERLYING (NON-AGRICULTURAL) POOL PRODUCTION

Producer	Carry-Over From 1987/88	Share of Operating Safe Yield	1988/89 Production	Net Production	Carry-Over To 1989/90	Eligible for Local Storage	Carry-Over Local Storage and New Storage Acc'ts 7/01/88	Local Storage 7/01/89
Aeron Steel	97.858	97.858	0.500		97.858	97.358	219.648	317.006 (1)
Conrock	317.844	317.844	0.000		317.844	317.844	3,178.440	3,496.284 (1)
Kaiser Steel Corporation	2,930.274	2,930.274	885.700		2,930.274	2,044.574	14,548.466	16,593.040 (1)
Quaker Chemical Co.	0.000	0.000	0.400	0.400	0.000	0.000		0.000
San Bernardino, County of	73.610	133.870	246.600	39.120	0.000	0.000	118.120	118.120
Southern California Edison Co	982.499	982.499	426.800		982.499	555.699	1,308.093	1,863.792 (1)
Southern Service Company	18.789	18.789	24.800		12.778	0.000	9.190	9.190
Space Center-Mira Loma	104.121	104.121	133.600		74.642	0.000	195.210	195.210 (1)
Sunkist	1,873.402	1,873.402	1,510.300		1,873.402	363.102	4,119.718	4,482.820 (1)
Swan Lake	464.240	464.240	389.400		464.240	74.840	225.640	300.480
Union Carbide Corporation	427.446	427.446	0.000		427.446	427.446	2,205.768	2,633.214 (1)
West Venture Developmen	15.657	15.657	1.000		15.657	14.657		
Totals	7,305.740	7,366.000	3,619.100	39.520	7,196.640	3,895.520	26,128.293	30,009.156

(1) Producers with two local storage agreements.

CHINO BASIN WATERMASTER
 1989/90 OVERLYING (NON-AGRICULTURAL) POOL ASSESSMENTS

Producer	Gross Administrative Assessments		Net Replenishment Assessments		Total 1989/90 Assessment
	1988/89 Production	Assessment per Acre Foot \$5.00	Acre Feet Exceeding Safe Yield	Assessment per Acre Foot \$117.00	
Ameron Steel	0.500	\$5.00			\$5.00
Conrock	0.000	5.00			5.00
Kaiser Steel Corporatio.	885.700	5.00			5.00
Quaker Chemical Co.	0.400	5.00	0.400	\$46.80	51.80
San Bernardino, County of	246.600	5.00	39.120	\$4,577.04	4,582.04
Southern California Edison Co	426.800	5.00			5.00
Southern Service Company	24.800	5.00			5.00
Space Center-Mira Loma	133.600	5.00			5.00
Sunkist	1,510.300	5.00			5.00
Swan Lake	389.400	5.00			5.00
Union Carbide Corporation	0.000	5.00			5.00
West Venture Developaent	1.000	5.00			5.00
Totals	3,619.100	\$60.00	39.520	\$4,623.84	\$4,683.84