

CHINO BASIN WATERMASTER
1997/98 ADMINISTRATIVE AND REPLENISHMENT ASSESSMENTS

	TOTALS	APPROPRIATIVE POOL		AGRICULTURAL POOL		NON-AGRICULTURAL POOL		SB222 FUNDS
		Amount	Ratios & Rates (\$/Acre Ft)	Amount	Ratios & Rates (\$/Acre Ft)	Amount	Ratios & Rates (\$/Acre Ft)	
1995/96 Production in Acre Feet & Exchanges	156,836.112	107,773.694	68.717%	43,638.570	27.824%	5,423.848	3.458%	N/A
1996/97 Production & MWD Exchange in Acre Feet	161,281.488	110,163.390	68.305%	44,809.364	27.783%	6,308.734	3.912%	N/A
ADMINISTRATIVE BUDGET								
GENERAL & ADMINISTRATION								
Watermaster Admin./Joint Watermaster-Advisory Comm.(1)	\$756,202	\$516,524		\$210,095		\$29,584		
Pool Administration #8300, #8400, #8500	118,282	41,599		68,145		8,538		
TOTAL GENERAL & ADMINISTRATION	\$874,484	\$558,123	\$5.0663	278,240	\$6.2094	\$38,122	\$6.0427	
SPECIAL PROJECTS								
		Project Numbers						
Meter Testing Program - Admin (1)	15,614	#6700	10,665	4,338		611		
Meter Testing Program - Pool Specific	122,138	#8370, #8470, #8570	13,431	104,792		3,915		
Monitoring - Admin. (1)	18,263	#6800	12,475	5,074		714		
Monitoring - Pool Specific	96,184	#8380, #8480, #8580	4,667	90,012		1,505		
TDS/Nitrogen - Admin (1)	4,089	#6600	2,793	1,136		160		
TDS/Nitrogen - Pool Specific	35,590	#8360, #8460, #8560	22,404	10,968		2,218		
TOTAL SPECIAL PROJECTS	291,878		66,435	216,320	4.8276	9,123	1.4461	0
TOTAL ADMINISTRATIVE BUDGET	1,166,362		624,558	494,560	11.0370	47,245	7.4888	0
Add: 33% Operating Reserve	384,900	206,104	1.8709	163,205	3.6422	15,591	2.4713	0
SUB-TOTAL	1,551,262	830,662	7.5403	657,765	14.6792	62,836	9.9601	0
Project Budget Carryover from 96/97:								
Meter Installation & Repair - Pool Specific #8479	9,000	0	0	9,000	0.2009	0	0	0
Monitoring-Pool Specific #8489	13,000	0	0	13,000	0.2901	0	0	0
Total 96/97 Carryover Projects	22,000	0	0.0000	22,000	0.4910	0	0.0000	0
TOTAL 97/98 BUDGET AND 96/97 CARRYOVER	1,573,262	830,662	7.5403	679,765	15.1701	62,836	9.9601	0
Less: 96/97 Interest Revenue on SB222 Funds (2) and Pool Reserves	(61,654)	(63,968)	(0.5807)	0	0.0000	2,314	0.3668	
CASH DEMAND for Fiscal Year 1997/98	\$1,511,608	766,694	6.9596	679,765	15.1701	65,150	10.3269	0
ESTIMATED Funds on Hand for Admin. Assts 7/1/97 (3)		(466,134)	(4.2313)	(85,596)	(1.9102)	(23,862)	(3.7824)	
Cash deficit (excess) at end of Fiscal Year 1996/1997		\$300,560	\$2.7283	\$594,169	\$13.2599	\$41,288	\$6.5445	\$0
RECOMMENDED 1997/1998 ASSESSMENTS:								
General Administration Assessments		Per Acre Foot	\$2.7283		\$0.0000	Per Producer	\$6.5445	
Minimum Assessments		Per Producer	5.0000		0.0000		5.0000	
Water Reallocation Costs (Revenues) (4)		Per Acre Foot		\$15.17230				

* See notes (1) thru (4) on Page 2.

**CHINO BASIN WATERMASTER
APPROPRIATIVE POOL
1996/97 REALLOCATION OF UNPRODUCED
AGRICULTURAL POOL SAFE YIELD**

ACRE FEET TO BE REALLOCATED (A)
1995/96 Ag. Pool underproduction 39,161.430

Appropriative Pool Party	Appropriative Right (Acre Feet)	Initial Operating Safe Yield (Acre Feet)	Percents of Operating Safe Yield (Percentages)	Agricultural Pool Water Reallocation					1996/97 Operating Safe Yield (Acre Feet)
				Land Use Conversions First (Acre Feet)	Remaining (Acre Feet)	Balance Available (Acre Feet)	Total Reallocated (Acre Feet)	Assessments @ per Acre Foot \$15.17230 (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	4,033.857	7.356%	1,719.835	464.198	1,952.510	4,136.543	62,760.87	8,170.400
Cucamonga Co. Water Dist.	5,199.000	3,619.454	6.601%	598.364	416.510	1,751.927	2,766.801	41,978.73	6,386.255
Fontana Union Water Co.	9,188.300	6,396.736	11.666%		736.107	3,096.216	3,832.323	58,145.15	10,229.059
Fontana Water Co.	0.000	0.000	0.000%		0.000	0.000	0.000	0.00	0.000
Jurupa Community Services	B 2,960.600	2,061.118	3.759%	2,536.248	237.184	997.644	3,771.076	57,215.90	5,832.194
Marygold Mutual Water Co.	941.300	655.317	1.195%		75.411	317.194	392.605	5,956.72	1,047.922
Monte Vista Water Dist.	5,958.700	4,823.954	8.797%	36.595	555.119	2,334.942	2,926.656	44,404.10	7,750.610
Monte Vista Irrigation Co.	972.100	676.759	1.234%		77.878	327.572	405.450	6,151.61	1,082.209
M/W Co./Glen Avon Heights	B 0.000	0.000	0.000%		0.000	0.000	0.000	0.00	0.000
City of Norco	289.500	201.545	0.368%		23.193	97.554	120.747	1,832.01	322.292
City of Ontario	16,337.400	11,373.816	20.742%	793.281	1,308.847	5,505.275	7,607.403	115,421.80	18,981.219
City of Pomona	16,110.500	11,215.852	20.454%		1,290.669	5,428.815	6,719.484	101,950.03	17,935.336
San Antonio Water Co.	2,164.500	1,506.888	2.748%		173.406	729.380	902.786	13,697.34	2,409.674
S.B. Co. (Olympic +)	0.000	0.000	0.000%		0.000	0.000	0.000	0.00	0.000
City of Chino Hills	4,525.900	2,111.422	3.851%	625.724	242.973	1,021.993	1,890.690	28,686.11	4,002.112
Santa Ana River Water Co.	1,869.300	1,301.374	2.373%		149.756	629.905	779.661	11,829.25	2,081.035
Southern California Water Co.	697.900	411.476	0.750%		47.351	199.167	246.518	3,740.25	657.994
City of Upland	4,097.200	2,852.401	5.202%		328.241	1,380.650	1,708.891	25,927.81	4,561.292
West End Consol. Water Co.	1,361.300	947.714	1.728%		109.059	458.723	567.782	8,614.56	1,515.496
West San Bernardino CWD	925.500	644.317	1.175%		74.145	311.869	386.014	5,856.72	1,030.331
TOTALS	78,870.700	54,834.000	100.000%	6,310.047	6,310.047	26,541.336	39,161.430	594,168.960	93,995.430
							39,161.430		

(A) Judgment Paragraph 44, pg 25; Paragraph 46, pg 26; Exhibit H, Paragraph 10, pg 73.

(B) Jurupa Community Services District acquired Mutual Water Co. of Glen Avon Safe Yield Rights in FY 96/97

Page 1 Footnotes:

- (1) Total Costs have been allocated to Pools by actual 96/97 production percentages.
- (2) SB222 Interest Allocation based on total SB222 assessments paid. Ag Pool portion is transferred to the App. Pool.
- (3) Cash on Hand for App. Pool is June 30, 1997 Working Capital less interest revenue and less funds shown as Cash on Hand for the Ag Pool for carryover Projects.
Cash on Hand for Agricultural Pool is the balance of funds assessed in 96/97 for Special Projects carried over to 97/98.
Cash on Hand for Non-Ag. Pool is June 30, 1997 Working Capital.
- (4) Appropriative Pool members have agreed to assume the Ag Pool's 1997/98 administrative assessments in exchange for unpumped Ag water reallocated to the Appropriative Pool following the 1996/97 production year. (Per Minute action by the Appropriative Pool at their meeting of June 7, 1988) Costs have been allocated to each Appropriative Pool member based on its share of Initial Operating Safe Yield

Producer	Land Use Conversion Summary		Prior AF Converted	Total AF Converted
	Acres Converted	Acre-feet		
Chino	1,172.000	1,523.600	196.235	1,719.835
Chino Hills	481.326	625.724		625.724
Cucamonga Cou	460.280	598.364		598.364
Jurupa CSD	1,950.960	2,536.248		2,536.248
Monte Vista W	28.150	36.595		36.595
Ontario	449.139	583.881	209.400	793.281
Totals	4,541.855	5,904.412	405.635	6,310.047

1997. .ASSESSMENTS
CHINO BASIN WATERMASTER
1996/97 APPROPRIATIVE POOL ACTIVITY

PRODUCER	Notes*	Transfer and/or Leased Rights			Total Transfer/ Leased	MWD Cyclic/ Cooperative	Exchanges		Total Exchange
		Prepurchased firm Stor/MWD	Supplemental Water	Lease/Assgn Rts To/(From)			Special Assessment	Replenishment	
Chino Basin M.W.D.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
City of Chino	5	0.000	0.000	1,232.982	1,232.982	0.000	0.000	0.000	0.000
Cucamonga CWD	1,2,5,8	0.000	0.000	4,260.072	4,260.072	0.000	0.000	0.000	0.000
Fontana Union Co.	2,8	0.000	0.000	(6,396.736)	(6,396.736)	0.000	0.000	0.000	0.000
Fontana Water Company	14	700.000	0.000	132.670	832.670	0.000	0.000	0.000	0.000
Jurupa Community Svc	9	3,770.800	0.000	0.000	3,770.800	0.000	0.000	0.000	0.000
Marygold M/W Co.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Monte Vista WD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Monte Vista Irrigation Co.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
M/W Co./Glen Avon Heights		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
City of Norco		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
City of Ontario	3,11,15	4,110.104	0.000	5,966.561	10,076.665	0.000	0.000	0.000	0.000
City of Pomona		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
San Antonio Water Co.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S. B. Co. (Prado Tiro)		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
City of Chino Hills		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Santa Ana River Water Co.		0.000	0.000	(600.000)	(600.000)	0.000	0.000	0.000	0.000
Southern Cal. Water Co.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
City of Upland		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
West End Consol. Water Co.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
West San Bernardino CWD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Arrowhead MTN. Spring Water Co.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Los Serranos Country Club		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Pyrite Canyon Group		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Metro. W.D. So. Ca.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
TOTALS		8,580.904	0.000	4,595.549	13,176.453	0.000	0.000	0.000	0.000

* See corresponding notes on page 5

Summary of MWD Related Information

	Co-Op. Storage	Co-Op Balance	Cyclic Exchg.	Total Activity
Chino Hills	0.000	0.000	0.000	0.000
Cucamonga Co	0.000	0.000	0.000	0.000
JCSD	(3,170.800)	0.000	0.000	(3,170.800)
Monte Vista W	0.000	1,697.300	0.000	0.000
Ontario	(1,501.900)	0.000	0.000	(1,501.900)
Upland	0.000	0.000	0.000	0.000

CHINO BASIN WATERMASTER
1996/97 APPROPRIATIVE POOL PRODUCTION

PRODUCER	NOTES*	Carry-Over From 1995/96 Production	Initial Share of Safe Yield	Storage Transfer or Leased Rights To/(From)	Agricultural Pool Reallocation	1996/97 Production	MWD Exchanges	Net Over-Production		1996/97 Total Under- Produced	Under Production Balances -----Applications-----	
								15%/85%	100%		Carry-Over To 1997/98 Production	Eligible for Local Storage Agreements
Chino Basin M.W.D.		0.000	0.000	0.000	0.000	3.418	0.000	3.418		0.000	0.000	0.000
City of Chino	5	692.050	4,033.857	1,232.982	4,136.543	10,231.351	0.000	135.919		0.000	0.000	0.000
Cucamonga CWD	1,2,5,8	3,619.454	3,619.454	4,260.072	6,599.124	7,949.900	0.000	0.000		10,148.204	3,619.454	6,528.750
Fontana Union Water Co.	2,8	0.000	6,396.736	(6,396.736)	0.000	0.000	0.000	0.000		0.000	0.000	0.000
Fontana Water Company	7,8,14	0.000	0.000	832.670	0.000	11,764.301	0.000	10,931.631		0.000	0.000	0.000
Jurupa Community Svc	9,19	26.820	2,061.118	3,770.800	3,771.076	13,389.363	0.000	3,759.549		0.000	0.000	0.000
Marygold M/W Co.		655.317	655.317	0.000	392.605	0.000	0.000	0.000	0.000	1,703.239	655.317	1,047.922
Monte Vista WD		2,641.132	4,823.954	0.000	2,926.656	9,125.686	0.000	0.000		1,266.056	1,266.056	0.000
Monte Vista Irrigation Co.		676.759	676.759	0.000	405.450	299.507	0.000	0.000		1,459.461	676.759	782.702
M/W Co./Glen Avon Height	16	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.000	0.000	0.000
City of Norco	13,19	0.000	201.545	0.000	120.747	838.183	0.000	515.891	0.00	0.000	0.000	0.000
City of Ontario	3,11,15	0.000	11,373.816	10,076.665	7,607.403	34,095.507	0.000	5,037.623		0.000	0.000	0.000
City of Pomona		10,398.923	11,215.852	0.000	6,719.484	16,731.673	0.000	0.000	0.000	11,602.586	11,215.852	386.734
San Antonio Water Co.		1,506.888	1,506.888	0.000	902.786	234.471	0.000	0.000		3,682.091	1,506.888	2,175.203
S. B. Co. (Olympic)		0.000	0.000	0.000	0.000	1.000	0.000	1.000		0.000	0.000	0.000
City of Chino Hills		1,253.441	2,111.422	0.000	1,890.690	2,201.905	0.000	0.000		3,053.648	2,111.422	942.226
Santa Ana River Water Co.	9,19	128.431	1,301.374	(600.000)	779.661	723.662	0.000	0.000		885.804	885.804	0.000
Southern Cal. Water Co.		411.476	411.476	0.000	246.518	575.861	0.000	0.000		493.609	411.476	82.133
City of Upland		2,852.401	2,852.401	0.000	1,708.891	1,887.134	0.000	0.000		5,526.559	2,852.401	2,674.158
West End Consol. Water Co.		947.714	947.714	0.000	567.782	0.000	0.000	0.000		2,463.210	947.714	1,515.496
West San Bernardino CWD		546.154	644.317	0.000	386.014	0.045	0.000	0.000		1,576.440	644.317	932.123
Arrowhead MTN. Spring Water Co.		0.000	0.000	0.000	0.000	6.295	0.000	0.000	6.295	0.000	0.000	0.000
Los Serranos Country Club		0.000	0.000	0.000	0.000	27.617	0.000	0.000	27.617	0.000	0.000	0.000
Pyrite Canyon Group		0.000	0.000	0.000	0.000	75.911	0.000	0.000	75.911	0.000	0.000	0.000
Metro.W.D. So. CA.	12	0.000	0.000	0.600	0.000	0.600	0.000	0.000	0.000	0.000	0.000	0.000
TOTALS		26,356.960	54,834.000	13,177.053	39,161.430	110,163.390	0.000	20,385.031	109.823	43,860.907	26,793.460	17,067.447

* See corresponding notes on next page (page 5)

CHINO BASIN WATERMASTER
1996/97 APPROPRIATIVE POOL NOTES

*Notes: Pages 3,4,6,8,9:

- (1) CCWD leased 903.682 af to Watermaster, to satisfy the FY 96-97 replenishment obligation due to FY 95-96 production.
- (2) CCWD leased 10,229.059 af from FUWC, including 3,832.323 af of water reallocated to FUWC from the Ag Pool and 6,396.736 safe yield rights.
- (3) Ontario prepurchased 108.204 af from Mutual Water Co. of Glen Avon's storage account to offset FY 96-97 production.
- (4) West San Bernardino CWD transferred 2,000.00 af from local storage to Watermaster to satisfy FY 96-97 replenishment obligation from FY 95-96 overproduction.
- (5) City of Chino prepurchased 1,232.982 af from CCWD to the to offset FY 96-97 production.
- (6) City of Upland sold 10,000 af from storage to Watermaster to satisfy FY 96-97 replenishment obligation from FY 95-96 overproduction.
- (7) FWC production has been reduced by 1577.02 af and 167.528 af for service to CSI and Praxair respectively during FY 96-97.
- (8) Per agreement reached with CCWD, FUWC, and FWC, all of FUWC production is reported under FWC.
- (9) Jurupa CSD prepurchased (leased) 600.0 af from Santa Ana River Water Company and 3,170.8 af from their Met co-op account to offset FY 96-97 production.
- (10) JCSD returned a net of 4,555 af of water purchased last year from storage to San Antonio Water Co. (4,880 af returned and 325 af purchased 6-30-97).
- (11) Ontario prepurchased 1501.9 af from their cooperative storage account with MWD and 2,500 af from San Antonio's storage account to offset FY 96-97 production .
- (12) MWD extracted 0.6 af of the 4738.6 af it had remaining in its conjunctive use account, leaving a balance of 4738.0 af on June 30, 1997.
- (13) Norco injected 320.2 af of Temescal basin water into the Chino Basin. Norco's maximum export right under the 85/15 formula is 1567.0 af and all production exceeding 1567.0 af falls under the 100% net formula except as provided below. Net overproduction under the 85/15 formula = $1567.0 - 201.545 - \text{lease rights} - \text{Ag. Pool transfers}(1567.0 - 201.545 - 0.0 - 120.747 = 1244.708)$.
Total overproduction = $841.533 - 201.545 - 0 - 120.747 = 519.241$, which is all eligible under 85/15. Norco's production was reduced by the amount injected to offset production in the current year.
- (14) FWC prepurchased 700 af from Marygold Mutual and withdrew 132.670 af from storage (which was really carryover) to offset FY 96-97 production.
- (15) Ontario production has been reduced by 364.400 af as a result of an assignment for service to Sunkist for FY 96-97 and Ontario received 5,966.561 af for prior service from Sunkist's storage account.
- (16) Mutual Water Co. of Glen Avon rights were acquired by Jurupa Community Services District in FY 96-97.
- (17) Edison prepurchased 750 af from So. Calif. Water Co.'s storage account to offset FY 96-97 production.
- (18) West End Cons. transferred 13,000 af from storage, 11,876.8 af and 1,123.2 af to the City of Upland and So. Calif Water Co. respectively.
- (19) JCSD production has been reduced, and the production for each entity has been correspondingly increased for service to Norco, Swan Lake, and Santa Ana River Water Co.
Revised production included this package & 20th Annual Report Appendices

CHINO BAS. WATERMASTER
1996/97 APPROPRIATIVE POOL STORAGE ACTIVITY

LOCAL STORAGE ACTIVITY
(Acre Feet)

PRODUCER	Notes*	Amount In Storage From 1995/96	Eligible for Storage In 1996/97	Storage Transfer To/(From)	Amount In Storage YrEnd 1996/97
Chino Basin M.W.D.		0.000	0.000	0.000	0.000
City of Chino		2,775.327	0.000	0.000	2,775.327
Cucamonga CWD		38,584.782	6,528.750	0.000	45,113.532
Fontana Union Water Co.		0.000	0.000	0.000	0.000
Fontana Water Company		132.670	0.000	(132.670)	0.000
Jurupa Community Svc	10	12,866.749	0.000	(4,555.000)	8,311.749
Marygold M/W Co.	14	1,682.006	1,047.922	(700.000)	2,029.928
Monte Vista WD		5,336.477	0.000	0.000	5,336.477
Monte Vista Irrigation Co.		4,277.874	782.702	0.000	5,060.576
M/W Co./Glen Avon Height	3	108.204	0.000	(108.204)	0.000
City of Norco		0.000	0.000	0.000	0.000
City of Ontario		10,000.000	0.000	0.000	10,000.000
City of Pomona		29,805.688	386.734	0.000	30,192.422
San Antonio Water Co.	10,11	15,464.168	2,175.203	2,055.000	19,694.371
S. B. Co. (Olympic +)		0.000	0.000	0.000	0.000
City of Chino Hills		17,177.915	942.226	0.000	18,120.141
Santa Ana River Water Co.	9	271.977	0.000	0.000	271.977
Southern Cal. Water Co.	17,18	1,321.652	82.133	373.200	1,776.985
City of Upland	6,18	5,182.834	2,674.158	1,876.800	9,733.792
West End Consol. Water Co.	18	16,958.193	1,515.496	(13,000.000)	5,473.689
West San Bernardino CWD	4	2,751.319	932.123	(2,000.000)	1,683.442
Arrowhead MTN. Spring Water Co.		0.000	0.000	0.000	0.000
Los Serranos Country Club		0.000	0.000	0.000	0.000
Watermaster		28,948.946	0.000	0.000	28,948.946
TOTALS		193,646.781	17,067.447	(16,190.874)	194,523.354

* see corresponding notes on page 5.

CYCLIC STORAGE ACTIVITY
(Acre Feet)

	Spreading Deliveries	Exchange Deliveries	Sales	Change in Storage	Total in Storage
June 30, 1996	--		--	--	33,749.1
July	0.0	0.0	0.0	0.0	33,749.1
August	0.0	0.0	0.0	0.0	33,749.1
September	0.0	0.0	0.0	0.0	33,749.1
October	0.0	0.0	0.0	0.0	33,749.1
November	0.0	0.0	0.0	0.0	33,749.1
December	0.0	0.0	0.0	0.0	33,749.1
January 1996	0.0	0.0	0.0	0.0	33,749.1
February	0.0	0.0	0.0	0.0	33,749.1
March	0.0	0.0	0.0	0.0	33,749.1
April*	16.5	0.0	0.0	16.5	33,765.6
May	0.0	0.0	0.0	0.0	33,765.6
June	0.0	0.0	0.0	0.0	33,765.6
TOTAL	16.5	0.0	0.0	16.5	

Cyclic Storage Account as of June 30, 1997 33,765.6 acre feet.

* The Montclair Basin gates were open and 16.5 acre-feet recharged in basin 1 before Watermaster staff was notified and could get them closed.

CHINO BASIN WATERMASTER

1997/98 REPLENISHMENT ASSESSMENTS

WATER REPLENISHMENT OBLIGATIONS FOR PRODUCTION IN EXCESS OF SAFE YIELD:		COST OF REPLENISHMENT WATER PER ACRE FOOT:	
Appropriative Pool Replenishment Obligation	20,494.854	Metropolitan Water District Replenishment Water Rate (1)	\$233.00
Non-Agricultural Pool Replenishment Obligation	83.370	Projected Water Spreading Cost	4.15
TOTAL ACRE FEET TO BE REPLENISHED	<u>20,578.224</u>		<u>\$237.15</u>

	APPROPRIATIVE POOL		100% GROSS ASSESSMENTS	TOTAL REPLENISHMENT ASSESSMENTS
	15%-85% GROUP ASSESSMENTS	Net		
	Gross	85%		
	15%			
Non-Agricultural Pool Gross Production			83.370	
Total Appropriative Pool Production in Acre Feet	110,163.390			
Acre Feet Produced in Excess of Safe Yield		20,385.031		
Less Production by 100% Net Producers				
City of Pomona	16,731.673			
Marygold Mutual Water Company	0.000			
City of Norco Exceeding Export Right	0.000		0.000	
Pyrite Canyon Group	75.911		75.911	
Los Serranos	27.617		27.617	
Arrowhead	6.295		6.295	
Met. W.D. So. Ca.	0.600			
15%-85% Group Production	<u>93,321.294</u>	<u>20,385.031</u>		
Less Prepaid Gross Assessments	0.000	0.000		
Acre Feet to be Assessed	<u>93,321.294</u>	<u>20,385.031</u>	<u>193.193</u>	<u>20,578.224</u>

REPLENISHMENT ASSESSMENTS:

15%-85% Group Assessments				
20,385.031 @ \$237.15 per Acre Foot	\$4,834,310.10	\$725,146.52	\$4,109,163.59	
Less Prepaid 15% Gross Assessments	0.00	0.00	0.00	
100% Gross Assessments				
193.193 @ \$237.15 per Acre Foot			<u>\$45,815.72</u>	
Total Assessments	<u>\$4,834,310.10</u>	<u>\$725,146.52</u>	<u>\$4,109,163.59</u>	<u>\$4,880,125.83</u>
ASSESSMENTS PER ACRE FOOT		\$7.77043	\$201.57750	\$237.15000

(1) MWD replenishment rate is \$233.00/af.

CHINO BASIN WATERMASTER
 APPROPRIATIVE POOL
 ASSESSMENT ADJUSTMENTS TO POOL MEMBERS

PRODUCER	Notes*	1996/97	1996/97	1996/97	1996/97	1996/97	Total	
		Paid Assessments	85/15 15% Credit	85/15 Adjustment	Assessment Adjustment	Interest Credit	Interest & Assessment Adjustment	
Chino Basin Mun. Water District		\$690.03	\$0.00	\$17.86	(0.01)	(10.64)	\$7.21	Pool Interest to be allocated:
City of Chino		174,570.87	0.00	53,462.20	(53.31)	(2,690.85)	50,718.04	Total Interest Earned
Cucamonga County Water District	5	132,262.30	(42,352.93)	41,540.86	(41.65)	(2,038.70)	(2,892.42)	Plus SB222 Portion
Fontana Union Water Co.		48,249.88	0.00	0.00	3.84	(743.73)	(739.89)	Total interest adjustment
Fontana Water Co.	A,7	60,253.56	(67,560.75)	61,472.37	(40.36)	(928.75)	(7,057.49)	
Jurupa Community Services	9	202,255.61	(107,014.50)	69,963.86	(67.57)	(3,117.58)	(40,235.79)	
Marygold Mutual Water Co.	14	(80,913.44)	(24,465.00)	0.00	0.40	0.00	(24,464.60)	
Monte Vista Water District		147,151.54	0.00	47,684.73	(52.34)	(2,268.20)	45,364.19	Water activity adjustments:
Monte Vista Irrigation Co.		(8,973.83)	0.00	1,565.02	(1.13)	0.00	1,563.89	Prepurchase adjustments
Mutual Water Co. of Glen Avon Heights		15,194.32	0.00	0.00	(5.53)	(234.21)	(239.74)	85/15 adjustment
City of Norco		227,277.37	0.00	4,379.78	(13.09)	(3,503.27)	863.42	Total activity adjustments
City of Ontario	3,11,15	2,859,817.29	(225,271.49)	178,160.34	(204.77)	(44,081.41)	(91,397.33)	
City of Pomona		144,721.91	0.00	0.00	11.68	(2,230.75)	(2,219.07)	
San Antonio Water Co.	11	11,389.71	0.00	1,225.19	0.90	(175.56)	1,050.53	
San Bernardino County (Olympic +)		3,357.47	0.00	5.23	0.00	(51.75)	(46.52)	
City of Chino Hills		80,239.40	0.00	11,505.68	(24.77)	(1,236.82)	10,244.09	
Santa Ana River Water Co.	9	(40,036.35)	(20,970.00)	3,781.37	(5.16)	0.00	(17,193.79)	
Southern California Water Co.		6,896.48	0.00	3,009.06	(1.65)	(106.30)	2,901.11	
City of Upland		(102,414.24)	0.00	9,860.90	(22.86)	0.00	9,838.04	
West End Consolidated Water Co.		7,174.66	0.00	0.00	0.57	(110.59)	(110.02)	
West San Bernardino County Water Dist.		(29,469.96)	0.00	0.24	0.39	0.00	0.63	
Arrowhead MTN. Spring Water Co.		5,472.91	0.00	0.00	0.01	(84.36)	(84.35)	
Los Serranos Country Club		9,155.48	0.00	0.00	0.01	(141.12)	(141.11)	
Pyrite Canyon Group		13,844.89	0.00	0.00	0.01	(213.41)	(213.40)	
Metro.W.D. So.Ca.		5.00	0.00	0.00	0.00	0.00	0.00	
Repl. Exchange Reimbursement				0.00	0.00	0.00	0.00	
Assessments Paid/Interest Earned		<u>\$3,888,172.86</u>	<u>(\$487,634.67)</u>	<u>\$487,634.69</u>	<u>(\$516.39)</u>	<u>(\$63,968.00)</u>	<u>(\$64,484.37)</u>	

*See corresponding numeric notes on page 5, and alpha note(s) below.

(A) FWC prepurchased 3,662.970 af nunc pro tunc and 169.2 af assigned from Praxair, and 1695.5 af from CSI last year @ \$60/af for which the 15% gross was not reimbursed to them.

They also paid prior year assessments to CSI & Praxair in the amounts of \$12,795.09 + \$1,276.87 respectively for the water. They have requested inclusion, and therefore, it is included here.

CHINO BASIN WATERMASTER
1997/98 APPROPRIATIVE POOL ASSESSMENTS

Producer	Notes	ADMINISTRATIVE ASSESSMENTS			REPLENISHMENT ASSESSMENTS							
		Gross Administration		Agric.Pool	15% Gross Assessments		85% Net Assessments		100% Net Assessments		1996/97	Total
		Acre Feet	Assessed @	Water Realloc	Acre Feet	Assessment	Acre Feet	Assessment	Acre Feet	Assessment	Adjustment	1997/98
Amt	\$2.7283	\$15.1723	Amt	\$7.77043	Amt	\$201.57750	Amt	\$237.15000	Credits/dues	Assessments		
Chino Basin Mun Water Dist.		3.418	\$9.33	\$0.00	3.418	\$26.56	3.418	\$688.99		\$0.00	\$7.21	\$732.09
City of Chino		10,231.351	27,914.19	62,760.87	10,231.351	79,502.00	135.919	27,398.21		0.00	50,718.04	248,293.31
Cucamonga Co. Water Dist.		7,949.900	21,689.71	41,978.73	7,949.900	61,774.14	0.000	0.00		0.00	(2,892.42)	122,550.16
Fontana Union Water Co.		0.000	5.00	58,145.15	0.000	0.00	0.000	0.00		0.00	(739.89)	57,410.26
Fontana Water Co.		11,764.301	32,096.54	0.00	11,764.301	91,413.68	10,931.631	2,203,570.85		0.00	(7,057.49)	2,320,023.58
Jurupa Community Services		13,389.363	36,530.20	57,215.90	13,389.363	104,041.11	3,759.549	757,840.49		0.00	(40,235.79)	915,391.91
Marygold Mutual Water Co.		0.000	5.00	5,956.72	0.000	0.00	0.000	0.00		0.00	(24,464.60)	(18,502.88)
Monte Vista Water District		9,125.686	24,897.61	44,404.10	9,125.686	70,910.50	0.000	0.00		0.00	45,364.19	185,576.40
Monte Vista Irrigation Co.		299.507	817.14	6,151.61	299.507	2,327.30	0.000	0.00		0.00	1,563.89	10,859.94
M/W Co./Glen Avon Heights		0.000	5.00	0.00	0.000	0.00	0.000	0.00		0.00	(239.74)	(234.74)
City of Norco		838.183	\$2,286.81	1,832.01	838.183	6,513.04	515.891	103,992.02	0.000	0.00	863.42	115,487.30
City of Ontario		34,095.507	93,022.77	115,421.80	34,095.507	264,936.75	5,037.623	1,015,471.45		0.00	(91,397.33)	1,397,455.44
City of Pomona		16,731.673	45,649.02	101,950.03	0.000	0.00	0.000	0.00		0.00	(2,219.07)	145,379.98
San Antonio Water Co.		234.471	639.71	13,697.34	234.471	1,821.94	0.000	0.00		0.00	1,050.53	17,209.52
S.B. County (Olympic +)		1.000	5.00	0.00	1.000	7.77	1.000	201.58		0.00	(46.52)	167.83
City of Chino Hills		2,201.905	6,007.46	28,686.11	2,201.905	17,109.75	0.000	0.00		0.00	10,244.09	62,047.41
Santa Ana River Water Co.		723.662	1,974.37	11,829.25	723.662	5,623.16	0.000	0.00		0.00	(17,193.79)	2,232.99
Southern Calif. Water Co.		575.861	1,571.12	3,740.25	575.861	4,474.69	0.000	0.00		0.00	2,901.11	12,687.17
City of Upland		1,887.134	5,148.67	25,927.81	1,887.134	14,663.84	0.000	0.00		0.00	9,838.04	55,578.36
West End Consol. Water Co.		0.000	5.00	8,614.56	0.000	0.00	0.000	0.00		0.00	(110.02)	8,509.54
West San Bernardino CWD		0.045	5.00	5,856.72	0.045	0.35	0.000	0.00		0.00	0.63	5,862.70
Arrowhead MTN. Spring Water Co.		6.295	17.17	0.00	0.000	0.00	0.000	0.00	6.295	1,492.86	(84.35)	1,425.68
Los Serranos Country Club		27.617	75.35	0.00	0.000	0.00	0.000	0.00	27.617	6,549.37	(141.11)	6,483.61
Pyrite Canyon Group		75.911	207.11	0.00	0.000	0.00	0.000	0.00	75.911	18,002.29	(213.40)	17,996.00
Metro.W.D. So.Ca.	1	0.600	5.00	0.00	0.000	0.00	0.000	0.00		0.00	0.00	5.00
Repl. Exchange Reimbursement			0.00			0.00					0.00	0.00
Total Acre Feet		110,163.390			93,321.294		20,385.031	109.823				
Total Dollars			\$300,589.28	\$594,168.96		\$725,146.58		\$4,109,163.59		\$26,044.52	(\$64,484.37)	\$5,690,628.56
												5,690,628.56

(1) Under the "Mini Conjunctive Use Agreement", MWD agreed to pay assessments on water produced from its account.

CHINO BASIN WATERMASTER
1996/97 OVERLYING (NON-AGRICULTURAL) POOL PRODUCTION

PRODUCER	NOTES	Carry-Over From 1995/96	Share of Operating Safe Yield	Storage Transfer	1996/97 Production & Exchange	Net Over Production	Carry-Over To 1997/98	Eligible for Local Storage	Amount In Storage From 1995/96	Storage Transfer	Local Storage At Yr End 1996/97
Ameron Steel		97.858	97.858	0.000	4.962	0.000	97.858	92.896	994.002	0.000	1,086.898 (1)
Conrock		317.844	317.844	0.000	0.000	0.000	317.844	317.844	5,721.192	0.000	6,039.036 (1)
Kaiser Ventures, Inc	7,10	1,630.274	1,155.274	0.000	24.143	0.000	1,155.274	1,606.131	6,477.654	0.000	8,083.785 (1)
Quaker Chemical Co.	2	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
S. B. Cnty., Chino Airport	9	0.000	133.870	54.700	188.570	(0.000)	0.000	0.000	54.700	(54.700)	0.000
Southern Calif Edison Co.	5	982.499	982.499	750.000	1,971.359	0.000	743.639	0.000	2,320.934	0.000	2,320.934 (1)
Angelica Rental Service	3	0.000	18.789	0.000	18.915	0.126	0.000	0.000	0.000	0.000	0.000
Space Center-Mira Loma		104.121	104.121	0.000	77.772	0.000	104.121	26.349	352.598	0.000	378.947 (1)
Speedway Development Cor	10	0.000	475.000	0.000	535.538	60.538	0.000	0.000	0.000	0.000	0.000
Sunkist	8	1,873.402	1,873.402	0.000	1,359.897	0.000	1,873.402	513.505	10,811.363	(5,966.561)	5,358.307 (1)
Swan Lake		464.240	464.240	0.000	360.324	0.000	464.240	103.916	1,299.970	0.000	1,403.886 (1)
Praxair Inc.	4	427.446	427.446	0.000	167.528	0.000	427.446	259.918	1,793.166	0.000	2,053.084 (1)
Calif. Steel Industries (CSI)	4,7	0.000	1,300.000	277.020	1,577.020	0.000	0.000	0.000	277.020	(277.020)	0.000
West Venture Development		15.657	15.657	0.000	0.000	0	15.657	15.657	0.000	0.000	0.000
General Electric - Geomatrix	6	0.000	0.000	0.000	22.706	22.706	0.000	0.000	0.000	0.000	0.000
TOTALS		5,913.341	7,366.000	1,081.720	6,308.734	83.370	5,199.481	2,936.216	30,102.599	(6,298.281)	26,724.877

(1) Producers with more than one local storage agreements.

(2) Quaker Chemical went out of business in FY93/94.

(3) Southern Service Company became Angelica Rental Service in FY94/95.

(4) Union Carbide Corp. became Praxair Inc. in FY94/95. FWC entered into two agency agreements with Praxair & CSI in calendar year 1996. Praxair assigned 167.528 af & CSI assigned 1,577.02 af to FWC for service provided to it in FY 96/97.

(5) SCE purchased 750 af of water from So. Calif. Water Co. to offset FY 96/97 production. Production under-reporting error of 90 af included in revised assessment & 20th Annual Report Appendices

(6) GE pumped 756.87 af, WM staff used 3% losses for the purposes of processing the assessment package. GE/Geomatrix to submit letter with analysis of actual losses for review by WM staff.

(7) Kaiser/CSI received court approval on settlement Dec 20, 1995. CSI 1300 af permanent right as of July 1, 1995, Kaiser 1000 af & 630.274 af of Joint Water Rights per Water Rights Agreement and Water Rights Acknowledgement dated in October 1995. The agreement allows for removal of water from storage to satisfy the assignment.

(8) Sunkist & Ontario entered into an Agency Agreement for the assignment of water provided by Ontario to Sunkist which was 364.40 af in FY 1996-97.

(9) San Bernardino County Dept. of Airports assigned 188.57 af of production to the City of Chino under an Agency agreement approved by Watermaster. It is included in their production and not included in Chino's production. They are removing 54.7 af of water from storage to cover the overproduction.

(10) Kaiser/SDC entered into a Water Rights agreement similar to Kaiser/CSI's on November 21, 1995. The agreement provides for 475 af to be held as "tenants in common", with SDC having the first priority for use of the rights, but no carryover or storage rights for unused water.

CHINO BASIN WATERMASTER
1997/98 OVERLYING (NON-AGRICULTURAL) POOL ASSESSMENTS

PRODUCER	Notes*	GROSS ADMINISTRATIVE ASSESSMENTS		NET REPLENISHMENT ASSESSMENTS		Total 1997/98 Assessment	Invoice Number
		1996/97 Production	Assessment Per Acre Foot \$6.5445	Acre Feet Exceeding Safe Yield	Assessment Per Acre Foot \$237.15		
Ameron Steel		4.962	\$32.47	0.000	\$0.00	\$32.47	NAG97-01
Conrock		0.000	5.00	0.000	0.00	5.00	NAG97-02
Kaiser Ventures, Inc.	7,10	24.143	158.00	0.000	0.00	158.00	NAG97-03
Quaker Chemical Co.	2	0.000	0.00	0.000	0.00	0.00	
S. B. Cnty, Chino Airport	9	188.570	1,234.10	(0.000)	(0.00)	1,234.10	NAG97-04
Southern California Edison	5	1,971.359	12,901.56	0.000	0.00	12,901.56	NAG97-05
Angelica Rental Service	3	18.915	123.79	0.126	29.88	153.67	NAG97-06
Space Center-Mira Loma		77.772	508.98	0.000	0.00	508.98	NAG97-07
Speedway Development Cor	10	535.538	3,504.83	60.538	14,356.59	17,861.42	NAG97-08
Sunkist	8	1,359.897	8,899.85	0.000	0.00	8,899.85	NAG97-09
Swan Lake		360.324	2,358.14	0.000	0.00	2,358.14	NAG97-10
Praxair Inc.	4	167.528	1,096.39	0.000	0.00	1,096.39	NAG97-11
CSI	4,7	1,577.020	10,320.81	0.000	0.00	10,320.81	NAG97-12
West Venture Development		0.000	0.00	0.000	0.00	0.00	
General Electric (Geomatrix)	6	22.706	148.60	22.706	5,384.73	5,533.33	NAG97-13
TOTALS		6,308.734	\$41,292.52	83.370	\$19,771.20	\$61,063.72	

* See Page 10

APPROPRIATIVE POOL ASSESSMENTS
NET EFFECT OF CHANGES FROM JCSD, POMONA & ONTARIO
Supplement to Agenda, May 27, 1998 Meetings

<u>Producer</u>	<u>Total Revised 1997/98 Assessments</u>	<u>Total Invoiced * 1997/98 Assessments</u>	<u>Net Adjustments to be made in FY 98-99</u>
Chino Basin Mun Water Dist.	\$732.09	\$730.57	\$1.52
City of Chino	\$248,293.31	244,208.62	4,084.69
Cucamonga Co. Water Dist.	\$122,550.16	119,328.39	3,221.77
Fontana Union Water Co.	\$57,410.26	57,820.71	(410.45)
Fontana Water Co.	\$2,320,023.58	2,314,817.46	5,206.12
Jurupa Community Services	\$915,391.91	902,156.63	13,235.28
Marygold Mutual Water Co.	(\$18,502.88)	(18,460.83)	(42.05)
Monte Vista Water District	\$185,576.40	181,851.43	3,724.97
Monte Vista Irrigation Co.	\$10,859.94	10,770.83	89.11
M/W Co./Glen Avon Heights	(\$234.74)	(234.74)	0.00
City of Norco	\$115,487.30	115,129.31	357.99
City of Ontario	\$1,397,455.44	1,380,985.37	16,470.07
City of Pomona	\$145,379.98	146,372.36	(992.38)
San Antonio Water Co.	\$17,209.52	17,202.45	7.07
S.B. County (Olympic +)	\$167.83	167.37	0.46
City of Chino Hills	\$62,047.41	61,275.49	771.92
Santa Ana River Water Co.	\$2,232.99	1,996.24	236.75
Southern Calif. Water Co.	\$12,687.17	12,458.74	228.43
City of Upland	\$55,578.36	54,926.26	652.10
West End Consol. Water Co.	\$8,509.54	8,570.35	(60.81)
West San Bernardino CWD	\$5,862.70	5,904.01	(41.31)
Arrowhead MTN. Spring Water Co.	\$1,425.68	1,425.79	(0.11)
Los Serranos Country Club	\$6,483.61	6,484.06	(0.45)
Pyrite Canyon Group	\$17,996.00	17,997.24	(1.24)
Metro. W.D. So.Ca.	\$5.00	5.00	0.00
Repl. Exchange Reimbursement	\$0.00	0.00	0.00
Total Acre Feet	<u>\$5,690,628.56</u>	<u>\$5,643,889.11</u>	<u>\$46,739.45</u>

*NOTE: Assessments Invoiced Pursuant to Resolution 97-9 adopted September 4, 1997.
JCSD under-reported 1,446.848 af; Pomona under reported 320.169 af; Ontario under-reported 411.9

NON-AGRICULTURAL POOL ASSESSMENTS
NET EFFECT OF CHANGE IN PRODUCTION FROM SCE
Supplement to Agenda, May 27, 1998 Meetings

<u>Producer</u>	<u>Total Revised 1997/98 Assessments</u>	<u>Total Invoiced 1997/98 Assessments</u>	<u>Net Adjusments to be made in FY 98-99</u>
Ameron Steel	\$32.47	\$32.94	(\$0.47)
Conrock	5.00	5.00	0.00
Kaiser Ventures, Inc.	158.00	160.25	(2.25)
Quaker Chemical Co.	0.00	0.00	0.00
S. B. Cnty, Chino Airport	1,234.10	1,251.65	(17.55)
Southern California Edison Co.	12,901.56	13,085.09	(183.53)
Angelica Rental Service	153.67	155.43	(1.76)
Space Center-Mira Loma	508.98	516.22	(7.24)
Speedway Development Corp	17,861.42	17,911.28	(49.86)
Sunkist	8,899.85	9,026.45	(126.60)
Swan Lake	2,358.14	2,391.69	(33.55)
Praxair Inc.	1,096.39	1,111.98	(15.59)
CSI	10,320.81	10,467.63	(146.82)
West Venture Development	0.00	0.00	0.00
General Electric (Geomatrix)	5,533.33	5,535.44	(2.11)
TOTALS	<u>\$61,063.72</u>	<u>\$61,651.05</u>	<u>(\$587.33)</u>

SCE under-reported 90.0 af



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TRACI STEWART
Chief of Watermaster Services

STAFF REPORT

DATE: May 27, 1998
TO: Watermaster Committee Members
SUBJECT: **ADJUSTMENTS FOR FY 1998-99 ASSESSMENT PACKAGE DUE TO REVISED FY 1997-98 ADMINISTRATIVE & REPLENISHMENT ASSESSMENTS**

SUMMARY

Issue – Production under-reporting error and necessary revision to the FY 1998-98 Assessments.
Recommendation – Receive and file the Revised FY 1997-98 Assessments and approve the adjustments to the FY 1998-99 Assessments.
Fiscal Impact - Adjustments to be made in FY 1998-99 Assessments.
Previous Related Action –
March 5, 1998: Watermaster ratified Advisory Committee action to approve methodology to adjust under-reporting of production and a revision to FY 1997-98 Assessments.

BACKGROUND AND DISCUSSION

At their meeting held March 5, 1998, the Watermaster Board ratified the Advisory Committee actions to approve the Revised Fiscal Year 1997-98 Watermaster Administrative & Replenishment Assessments dated February 5, 1998, and the methodology to adjust the subsequent years' assessment package. Subsequent to this meeting, the City of Ontario notified staff that a new well had been activated during fiscal year 1996-97 and that they had forgotten to notify Watermaster. This omission resulted in the under-reporting of 411,960 acre-feet of groundwater production. As a result, the revised total groundwater production for fiscal year 1996-97 would be 161,191,488 acre-feet (originally reported as 159,012,511 and revised on March 5, 1998 to 160,779,528 acre-feet).

As a result of the March 5th action, a revised assessment package using the approved methodology is submitted for review and action. All assessment adjustments from the FY 1997-98 package are shown in the third column for the Appropriative Pool members (worksheet attached). These will be adjusted in the FY 1998-99 Assessment package.

RECOMMENDATION

The Pool Committees and the Advisory Committee will be asked to receive and file the Revised FY 1997-98 Assessment Package and to approve the assessment adjustments necessary in the FY 1998-99 assessment package due to the production under-reporting from the FY 1997-98 assessment package.

Attachments
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