

CHINO BASIN WATERMASTER
1999/2000 ASSESSMENTS

9900ASDR
Approved 11/18/99

		MEMO ONLY		APPROPRIATIVE POOL		AGRICULTURAL POOL		NON-AGRICULTURAL POOL	
		ASSESSMENT	APPROPRIATIVE POOL		AGRICULTURAL POOL		NON-AGRICULTURAL POOL		
FULL CONDITIONAL		TOTALS	Amount	Ratios & Rates	Amount	Ratios & Rates	Amount	Ratios & Rates	
1999/2000 BUDGET		(Acre-Feet)	(Acre-Feet)	(\$/Acre-Feet)	(Acre-Feet)	(\$/Acre-Feet)	(Acre-Feet)	(\$/Acre-Feet)	
TOTALS									
1997/98	Production in Acre-Feet & Exchanges	150,226.482	101,710.225	67.705%	43,344.680	28.853%	5,171.577	3.442%	
1998/99	Production in Acre-Feet & Exchanges	162,266.486	107,723.105	66.387%	47,537.548	29.296%	7,005.833	4.316%	

		General		General		General	
		Administration	OBMP	Administration	OBMP	Administration	OBMP
ADMINISTRATIVE BUDGET							
GENERAL & ADMINISTRATION							
Administration, Advisory Committee & Watermaster Board (1)	853,405	585,405	556,550	525,013		536,834	
OBMP Staff Costs #6900 & #7000 series	154,879	154,879	597,094		551,471		56,312
Pool Administration #8300, #8400, #8500	126,380	126,380	44,122	71,726		10,532	
TOTAL GENERAL & ADMINISTRATION	51,134,664	1,134,664	610,672	97,094	321,739	51,471	47,366

		PROJECT NUMBERS					
ON-GOING SPECIAL PROJECTS							
Meter Testing Program - Pool Specific	#8370, #8470, #8570	12,500	2,500	7,500		2,500	
Monitoring - Pool Specific	#8380, #8480, #8580	9,520	0	9,520		0	
Cooperative Efforts	#6950	35,000	23,235	10,253		1,512	
TOTAL ON-GOING SPECIAL PROJECTS		57,020	25,735	27,273		4,012	
TOTAL ADMINISTRATIVE BUDGET	1,191,684	1,191,684	636,407	97,094	349,012	51,471	6,312
Add: 33% Operating Reserve		393,252	210,014	32,041	115,174	16,985	2,083
	1,541,682						
OBMP AG Pool Specific	1,532,340	160,000				160,000	
OBMP EXPERT AND STAFF #6900 & #7000 series	1,178,333	1,178,333	782,260		345,204		50,857

TOTAL 99/00 BUDGET & 00/001 OPERATING RESERVE		2,923,269	846,421	911,395	464,186	573,660	68,333	59,252
Plus or (Minus)								
98/99 Appropriative Pool Interest Revenue		-92,543	-92,543					
CASH DEMAND for FY 1999/2000		2,830,726	753,878	911,395	464,186	573,660	68,333	59,252
Less: Funds on hand for Administrative Assessments 7/1/99		-428,622	-399,985				-28,637	
TOTAL 1999/2000 BUDGET		\$2,530,017						

FUNDS TO BE ASSESSED FOR FY 1999/2000		\$2,402,104	\$353,893	\$911,395	\$464,186	\$573,660	\$39,696	\$59,252
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RECOMMENDED 1999/2000 ASSESSMENTS:		Per Acre-Foot		Per Producer		Per Acre-Foot	
General Administration Assessments		\$3.2852	\$8.4605			\$5.6661	\$8.4575
Minimum Assessments			5.0000		0.0000		5.0000
Water Reallocation Costs (Revenues) (3)	39,455.320 Acre-Feet			\$11.7649	\$14.5395		

1998/1999 ASSESSMENTS (FOR INFORMATION ONLY)		Per Acre-Foot	\$7.7720		\$19.0376		\$9.4893
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Footnotes:

(1) Total Costs have been allocated to Pools by actual 97/98 production percentages.

(2) Cash on Hand for Appropriator Pool is June 30, 1998. Working Capital less interest revenue and less funds shown as Cash on Hand for the Appropriative Pool and Ag Pool for Carryover Projects.
Cash on Hand for Agricultural Pool is the balance of funds assessed in 97/98 for Special Projects carried over to 98/99.
Cash on Hand for Non-Ag Pool is June 30, 1998 Working Capital.

(3) Appropriative Pool members have agreed to assume the Ag Pool's 1998/99 administrative assessments in exchange for unpumped Ag water reallocated to the Appropriative Pool following the 1997/98 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

CHINO BASIN .TERMASTER
1999/2000 ASSESSMENTS

APPROPRIATIVE POOL

REALLOCATION OF UNPRODUCED AGRICULTURAL POOL SAFE YIELD

ACRE-FEET TO BE REALLOCATED TO APPROPRIATORS (A)

Agricultural Pool Annual Safe Yield	82,800.000
1997/98 Pool Production	43,344.680
1998/99 Available for reallocation	39,455.320

1998/99

Appropriative Pool Party	Appropriative Right (Acre-Feet)	Initial Operating Safe Yield (Acre-Feet)	Percent of Operating Safe Yield	Agricultural Pool Water Reallocation						1998/99 Operating Safe Yield (Acre-Feet)
				Land Use Conversions First (Acre-Feet)	Land Use Conversions Remaining (Acre-Feet)	Balance Available (Acre-Feet)	Total Reallocated (Acre-Feet)	Assessments per acre-foot Administration \$11.7649	Assessments per acre-foot OBMP \$14.5395	
Chino Basin Municipal Water District	0.000	0.000	0.000%	-	0.000	0.000	0.000	\$0.00	\$0.00	0.000
City of Chino	5,271.700	4,033.857	7.356%	2,087.410	626.120	1,650.287	4,363.817	51,339.87	63,447.72	8,397.674
Cucamonga County Water District	5,199.000	3,619.454	6.601%	598.364	561.798	1,480.751	2,640.913	31,070.08	38,397.55	6,260.367
Fontana Union Water Company	9,188.300	6,396.736	11.666%	-	992.877	2,616.961	3,609.838	42,469.38	52,485.24	10,006.574
Fontana Water Company	0.000	0.000	0.000%	-	0.000	0.000	0.000	0.00	0.00	0.000
Jurupa Community Services (B)	2,960.600	2,061.118	3.759%	4,022.850	319.919	843.222	5,185.991	61,012.67	75,401.72	7,247.109
Marygold Mutual Water Company	941.300	655.317	1.195%	-	101.716	268.096	369.812	4,350.80	5,376.88	1,025.129
Monte Vista Water District	5,958.700	4,823.954	8.797%	36.595	748.756	1,973.522	2,758.873	32,457.86	40,112.63	7,582.827
Monte Vista Irrigation Company	972.100	676.759	1.234%	-	105.044	276.868	381.912	4,493.16	5,552.81	1,058.671
M/W Co./Glen Avon Heights (B)	0.000	0.000	0.000%	-	0.000	0.000	0.000	0.00	0.00	0.000
City of Norco	289.500	201.545	0.368%	-	31.283	82.454	113.737	1,338.10	1,653.68	315.282
City of Ontario	16,337.400	11,373.816	20.742%	894.557	1,765.400	4,653.129	7,313.086	86,037.73	106,328.61	18,686.902
City of Pomona	16,110.500	11,215.852	20.454%	-	1,740.881	4,588.504	6,329.385	74,464.58	92,026.09	17,545.237
San Antonio Water Company	2,164.500	1,506.888	2.748%	-	233.893	616.481	850.374	10,004.57	12,364.01	2,357.262
S.B. County (Olympic +)	0.000	0.000	0.000%	-	0.000	0.000	0.000	0.00	0.00	0.000
City of Chino Hills	4,525.900	2,111.422	3.851%	871.346	327.727	863.801	2,062.874	24,269.51	29,993.16	4,174.296
Santa Ana River Water Company	1,869.300	1,301.374	2.373%	-	201.994	532.404	734.398	8,640.12	10,677.78	2,035.772
Southern California Water Company	697.900	411.476	0.750%	-	63.868	168.338	232.206	2,731.88	3,376.16	643.682
City of Upland	4,097.200	2,852.401	5.202%	-	442.739	1,166.942	1,609.681	18,937.74	23,403.96	4,462.082
West End Consolidated Water Company	1,361.300	947.714	1.728%	-	147.101	387.718	534.819	6,292.09	7,776.00	1,482.533
West San Bernardino CWD	925.500	644.317	1.175%	-	100.008	263.596	363.604	4,277.76	5,286.62	1,007.921
TOTALS	78,870.700	54,834.000	100.000%	8,511.122	8,511.124	22,433.074	39,455.320	\$464,187.90	\$573,660.62	94,289.320

39,455.320

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

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

Land Use Conversion Summary

Producer	Acres Converted		Prior Converted (AF)	Total Converted(AF)
	(Acre)	(Acre-Feet)		
Chino	1,454.750	1,891.175	196.235	2,087.410
Chino Hills	670.266	871.346		871.346
Cucamonga County WD	460.280	598.364		598.364
Jurupa CSD	3,094.500	4,022.850		4,022.850
Monte Vista WD	28.150	36.595		36.595
Ontario	527.044	685.157	209.400	894.557
Totals	6,234.990	8,105.487	405.635	8,511.122

CHINO BASIN FERMMASTER
1999/2000 ASSESSMENTS
1998/99 APPROPRIATIVE POOL ACTIVITY

PRODUCER	Notes*	Transfer and/or Leased Rights -			Total Transfer/Leased	Exchanges			Total Exchange	Percents of Operating Safe Yield (Percentages)
		Prepurchased from Stor/MWD	New Water	Lease/Assign Rts To/(From)		MWD Cyclic/Cooperative	Special Assessment	Replenishment		
Chino Basin Municipal Water District		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000%
City of Chino	1	1,683.608	0.000	0.000	1,683.608	0.000	0.000	0.000	0.000	7.356%
Cucamonga County Water Dist	16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	6.601%
Fontana Union Water Company	16	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	11.666%
Fontana Water Company	3	10,373.565	0.000	0.000	10,373.565	0.000	0.000	0.000	0.000	0.000%
Jurupa Community Services	4,5	4,983.805	0.000	1,200.000	6,183.805	0.000	0.000	0.000	0.000	2.905%
Marygold Mutual Water Co.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.195%
Monte Vista Water District		0.000	0.000	122.557	122.557	0.000	0.000	0.000	0.000	8.797%
Monte Vista Irrigation Co.	7	0.000	0.000	(500.000)	(500.000)	0.000	0.000	0.000	0.000	1.234%
M/W Co./Glen Avon Heights		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.853%
City of Norco		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.368%
City of Ontario	6,7	12,915.632	0.000	3,000.000	15,915.632	0.000	0.000	0.000	0.000	20.742%
City of Pomona	9	0.000	0.000	(1,500.000)	(1,500.000)	0.000	0.000	0.000	0.000	20.454%
San Antonio Water Company	7	0.000	0.000	(2,500.000)	(2,500.000)	0.000	0.000	0.000	0.000	2.748%
S. B. County (Olympic +)		0.000	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	3.851%
Santa Ana River Water Compa	5	0.000	0.000	(1,200.000)	(1,200.000)	0.000	0.000	0.000	0.000	2.373%
Southern California Water Co.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.750%
City of Upland		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	5.202%
West End Consolidated Water Co.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.728%
West San Bernardino CWD		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.175%
Arrowhead MTN. Spring Water Co.		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
Los Serranos Country Club		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
Pyrite Canyon Group		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
MWDSC	11,15	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0
TOTALS		29,956.610	0.000	(1,377.443)	28,579.167	0.000	0.000	0.000	0.000	100.000%

* See corresponding notes on page 5

Summary of MWD Related Information - Including Non-Agricultural Producers

Producer	Co-Op. Storage	Co-Op. Balance	Cyclic Exchange	Total Activity
Southern California Edison Co	0.000	0.000	0.000	0.000
Cucamonga County Water Dist	0.000	0.000	0.000	0.000
Jurupa Community Svc Dist	0.000	0.000	0.000	0.000
Monte Vista Water District (20)	0.000	1,110.000	0.000	0.000
City of Norco	0.000	0.000	0.000	0.000
City of Pomona	0.000	0.000	0.000	0.000
City of Upland	0.000	0.000	0.000	0.000
Total Acre Feet	0.000	1,110.000	0.000	0.000

CHINO BASIN FERMMASTER
1999/2000 ASSESSMENTS
1998/99 APPROPRIATIVE POOL PRODUCTION

PRODUCER	Notes*	Carry-Over From 1997/98 Production	Initial Share of Safe Yield	Storage Transfer or Leased Rights To/(From)	Agricultural Pool Reallocation	1998/99 Production	MWD Exchanges	Net Over-Production		1998/99 Total Under- Produced	Under Production Balances -----Applications-----	
								15%/85%	100%		Carry-Over To 1999/2000 Production	Eligible for Local Storage Agreements
Chino Basin Municipal Water District		0.000	0.000	0.000	0.000	2.655	0.000	2.655	0.000	0.000	0.000	0.000
City of Chino	1	0.000	4,033.857	1,683.608	4,363.817	10,081.282	0.000	0.000	0.000	0.000	0.000	0.000
Cucamonga County Water District		3,619.454	3,619.454	6,396.736	6,250.751	6,082.950	0.000	0.000	0.000	13,803.445	3,619.454	10,183.991
Fontana Union Water Company	2,12,16	0.000	6,396.736	(6,396.736)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Fontana Water Company	2,3	0.014	0.000	10,373.565	0.000	10,373.579	0.000	0.000	0.000	0.000	0.000	0.000
Jurupa Community Services	4,13	0.000	2,061.118	6,183.805	5,185.991	13,430.914	0.000	0.000	0.000	0.000	0.000	0.000
Marygold Mutual Water Company		655.317	655.317	0.000	369.812	0.148	0.000	0.000	0.000	1,680.298	655.317	1,024.981
Monte Vista Water District	14	918.241	4,823.954	122.557	2,758.873	8,623.625	0.000	0.000	0.000	0.000	0.000	0.000
Monte Vista Irrigation Compar	7	676.759	676.759	(500.000)	381.912	121.475	0.000	0.000	0.000	1,113.955	676.759	437.196
M/W Co./Glen Avon Heights		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
City of Norco		0.000	201.545	0.000	113.737	0.000	0.000	0.000	0.000	315.282	201.545	113.737
City of Ontario	6	0.000	11,373.816	15,915.632	7,313.086	34,602.534	0.000	0.000	0.000	0.000	0.000	0.000
City of Pomona	9	816.928	11,215.852	(1,500.000)	6,329.385	16,564.043	0.000	0.000	0.000	298.122	298.122	0.000
San Antonio Water Company	1,4	1,280.372	1,506.888	(2,500.000)	850.374	52.183	0.000	0.000	0.000	1,085.451	1,085.451	0.000
S. B. County (Olympic+)		0.000	0.000	0.000	0.000	2.282	0.000	2.282	0.000	0.000	0.000	0.000
City of Chino Hills		2,111.422	2,111.422	0.000	2,062.874	4,342.653	0.000	0.000	0.000	1,943.065	1,943.065	0.000
Santa Ana River Water Compa	5	942.129	1,301.374	(1,200.000)	734.398	818.178	0.000	0.000	0.000	959.723	959.723	0.000
Southern California Water Company		411.476	411.476	0.000	232.206	242.821	0.000	0.000	0.000	812.337	411.476	400.861
City of Upland		2,852.401	2,852.401	0.000	1,609.681	2,275.622	0.000	0.000	0.000	5,038.861	2,852.401	2,186.460
West End Consol. Water Co.		947.714	947.714	0.000	534.819	0.000	0.000	0.000	0.000	2,430.247	947.714	1,482.533
West San Bernardino CWD		644.317	644.317	0.000	363.604	0.000	0.000	0.000	0.000	1,652.238	644.317	1,007.921
Arrowhead MTN. Spring Water Co.		0.000	0.000	0.000	0.000	11.525	0.000	0.000	11.525	0.000	0.000	0.000
Los Serranos Country Club		0.000	0.000	0.000	0.000	12.436	0.000	0.000	12.436	0.000	0.000	0.000
Pyrite Canyon Group		0.000	0.000	0.000	0.000	80.900	0.000	0.000	0.000	0.000	0.000	0.000
MWDSC	11,15	0.000	0.000	0.000	0.000	1.300	0.000	0.000	0.000	0.000	0.000	0.000
TOTALS		15,876.544	54,834.000	28,579.167	39,455.320	107,723.105	0.000	4.937	23.961	31,133.024	14,295.344	16,837.680

TOTAL PRODUCTION AND EXCHANGES

107,723.105

* See corresponding notes on Page 5.

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CHINO BASIN WATERMASTER
1999/2000 ASSESSMENTS

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

1998/99

APPROPRIATIVE POOL NOTES

- (1) City of Chino purchased for a total of 1,500.000 af from San Antonio Water Company's storage account and removed 183.608 they had previously purchased from storage to offset FY 98-99 production.
- (2) Per agreement reached with CCWD, FUWC, and FWC, all of FUWC production is reported under FWC.
- (3) Fontana Water Company purchased 1,200.000 af from Marygold's and 9,173.565 af from CCWD's storage account for a total of 10,373.565 af to offset FY 98-99 production.
- (4) Jurupa CSD purchased 325.000 af from San Antonio's and 3,000.000 af from CCWD's storage account to offset FY 98-99 production.
- (5) Jurupa CSD leased 1,200.000 af from Santa Ana River Water Company to offset FY 98-99 production. They removed 1658.805 af of water prepurchased for replenishment from their storage account.
- (6) City of Ontario purchased 3,915.632 af from CCWD's and 9,000.000 af from City of Chino Hills' storage account to offset FY 98-99 production.
- (7) City of Ontario leased 2,500.000 af from San Antonio Water Company's and 500.000 af from Monte Vista Irrigation Company's storage account to offset FY 98-99 production.
- (8) Cucamonga CWD transferred 750.000 af from it's storage account to Reliant Energy to offset production.
- (9) City of Pomona transferred 1,000.000 af from it's storage account and leased 1,500.000 af to Reliant Energy to offset production.
- (10) Kaiser abandoned 7,000.000 af to Watermaster to be used to offset the desalter replenishment obligations.
- (11) There was a historical mathematical error of 4.500 af in MWDSC's short term conjunctive use account. The correct balance should be 4,742.100 af on June 30, 1999.
- (12) FWC's production has been reduced by 1,300.00 af and 179.690 af for service to CSI and Praxair respectively during FY 98-99.
- (13) Jurupa CSD's production has been reduced for services to Swan Lake (332.648 af) and Space Center Mira Loma (93.970 af).
- (14) Monte Vista Irrigation Co. recaptured 122.557 af from its storage account to offset FY98-99 production.
- (15) MWDSC or MWD is an abbreviation of Metropolitan Water District of Southern California
- (16) CCWD leased 10,006.574 af from FUWC, including 6,396.736 af of safe yield rights and 3,609.838 af of water reallocated from the Ag Pool.
- (17) City of Chino recaptured 183.608 af from its storage account to offset FY 98-99 production.
- (18) Jurupa CSD recaptured 1,658.805 af from its storage account to offset FY 98-99 production.
- (19) Norco injected 74.9 af to storage in FY 98-99
- (20) MVWD's cooperative account balance corrected to reflect actual amount remaining.

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CHINO BASIN WATERMASTER
1999/2000 ASSESSMENTS

1998/99 APPROPRIATIVE POOL STORAGE ACTIVITY

LOCAL STORAGE ACTIVITY
(Acre-Feet)

PRODUCER	NOTES*	Amount In Storage From 1997/98	Eligible for Storage In 1998/99	Storage Transfer To/(From)	Amount In Storage YrEd 1998/99
Chino Basin Municipal Water District		0.000	0.000	0.000	0.000
City of Chino	17	2,092.991	0.000	(183.608)	1,909.383
Cucamonga CWD	3,6,8	39,664.371	10,183.991	(16,839.197)	33,009.165
Fontana Union Water Company		0.000	0.000	0.000	0.000
Fontana Water Company		0.000	0.000	0.000	0.000
Jurupa Community Services	4,18	8,609.930	0.000	(1,658.805)	6,951.125
Marygold M/W Co.	3	1,861.100	1,024.981	(1,200.000)	1,686.081
Monte Vista WD		5,336.477	0.000	0.000	5,336.477
Monte Vista Irrigation Co.	14	5,444.148	437.196	(122.557)	5,758.787
M/W Co./Glen Avon Heights		0.000	0.000	0.000	0.000
City of Norco	19	0.000	113.737	74.900	188.637
City of Ontario		10,000.000	0.000	0.000	10,000.000
City of Pomona	9	29,616.045	0.000	(1,000.000)	28,616.045
San Antonio Water Co.	1,4	19,369.371	0.000	(1,825.000)	17,544.371
S. B. Co. (Olympic +)		0.000	0.000	0.000	0.000
City of Chino Hills	6	19,252.601	0.000	(9,000.000)	10,252.601
Santa Ana River Water Co.		271.977	0.000	0.000	271.977
Southern Cal. Water Co.		1,294.613	400.861	0.000	1,695.474
City of Upland		9,600.221	2,186.460	0.000	11,786.681
West End Consol. Water Co.		6,964.961	1,482.533	0.000	8,447.494
West San Bernardino CWD		1,697.305	1,007.921	0.000	2,705.226
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
DTSC, Pyrite Canyon Group		0.000	0.000	0.000	0.000
Watermaster	10	29,620.946	0.000	7,000.000	36,620.946
TOTALS		190,697.057	16,837.680	(24,754.267)	182,780.470

* see corresponding notes on Page 5.

CYCLIC STORAGE ACTIVITY
(Acre-Feet)

	Spreading Deliveries	Exchange Deliveries	Sales	Change in Storage	Total in Storage
35,976	--		--	--	38,257.5
July	0.0	0.0	0.0	0.0	38,257.5
August	0.0	0.0	0.0	0.0	38,257.5
September	0.0	0.0	0.0	0.0	38,257.5
October	0.0	0.0	0.0	0.0	38,257.5
November	0.0	0.0	0.0	0.0	38,257.5
December	0.0	0.0	0.0	0.0	38,257.5
January 1999	0.0	0.0	0.0	0.0	38,257.5
February	0.0	0.0	0.0	0.0	38,257.5
March	0.0	0.0	12.5	-12.5	38,245.0
April	0.0	0.0	1,461.4	-1,461.4	36,783.6
May	0.0	0.0	0.0	0.0	36,783.6
June	0.0	0.0	0.0	0.0	36,783.6
TOTAL	0.0	0.0	1,473.9	-1,473.9	

Cyclic Storage Account as of June 30, 1999 36,783.6 acre-feet.

MWDSC short term conjunctive use account. (Note 11)

CHINO BASIN MASTER
1999/2000 ASSESSMENTS

1999/2000 REPLENISHMENT ASSESSMENTS

WATER REPLENISHMENT OBLIGATIONS -
PRODUCTION IN EXCESS OF SAFE YIELD:
Appropriative Pool Replenishment Obligation
Non-Agricultural Pool Replenishment Obligation

28.898
628.574

COST OF REPLENISHMENT WATER PER ACRE FOOT:

Metropolitan Water District Replenishment Water \$233.00
Projected Water Spreading Cost 10.00

To \$243.00

TOTAL ACRE FEET TO BE REPLENISHED

657.472

APPROPRIATIVE POOL				
15%-85% GROUP ASSESSMENTS			100%	TOTAL
	Gross	Net	GROSS	REPLENISHMENT
TOTAL	15%	85%	ASSESSMENTS	ASSESSMENTS

Non-Agricultural Pool Gross Production			628.574	
Total Appropriative Pool Production in Acre-Feet	107,723.105			
Acre Feet Produced in Excess of Safe Yield		4.937		
Less Production by 100% Net Producers				
City of Pomona	16,564.043		0.000	
Marygold Mutual Water Company	0.148		0.000	
City of Norco Exceeding Export Right	0.000		0.000	
Pyrite Canyon Group	80.900		0.000	
Los Serranos	12.436		12.436	
Arrowhead	11.525		11.525	
MWDSC	0.000		0.000	
15%-85% Group Production	91,054.053	4.937		
Less Prepaid Gross Assessments	0.000	0.000		
Acre Feet to be Assessed	91,054.053	4.937	652.535	657.472

REPLENISHMENT ASSESSMENTS:

15%-85% Group Assessments					
4.937 @ \$243.00 per Acre-Foot	\$1,199.69	\$179.95	\$1,019.74		
Less Prepaid 15% Gross Assessments	0.00	0.00	0.00		
100% Gross Assessments					
652.535 @ \$243.00 per Acre Foot			\$158,566.10		
Total Assessments	\$1,199.69	\$179.95	\$1,019.74	\$158,566.10	\$159,765.79
ASSESSMENTS PER ACRE FOOT		\$0.0020	\$206.5505	\$243.0000	

CHINO BASIN FERMMASTER
1999/2000 ASSESSMENTS

APPROPRIATIVE POOL
1998/1999 ASSESSMENT ADJUSTMENTS TO POOL MEMBERS

PRODUCER	85%/15% Water Activity Adjustments			1998/99 Assessment Adjustment	Prior Year Interest Revenue		Total 1998/99 Adjustments
	Production & MWD Exchange	Producer 15% Credits	Prorated 15% Debits		Paid Assessments	Interest Proration	
Chino Basin Mun. Water District	2.655	50.00	33.12	\$1.16	\$928.99	(\$60.23)	(\$25.95)
City of Chino	10,081.282	(72,277.23)	125,762.99	(19,193.03)	141,298.18	(9,160.35)	25,132.38
Cucamonga County Water District	6,082.950	(511,524.90)	75,884.20	1,326.76	88,673.53	(5,748.70)	(440,062.64)
Fontana Union Water Co.	0.000	0.00	0.00	0.00	65,857.74	(4,269.55)	(4,269.55)
Fontana Water Co.	10,373.579	(39,373.55)	129,409.37	2,861.94	7,161.81	(464.30)	92,433.46
Jurupa Community Services	13,430.914	(62,002.36)	167,549.32	2,165.59	153,609.30	(9,958.48)	97,754.07
Marygold Mutual Water Co.	0.000	(38,556.00)	0.00	0.00	6,960.44	(451.24)	(39,007.24)
Monte Vista Water District	8,623.625	0.00	107,578.86	2,079.91	111,627.54	(7,236.80)	102,421.97
Monte Vista Irrigation Co.	121.475	(15,750.00)	1,515.39	47.29	8,346.45	(541.10)	(14,728.42)
Mutual Water Co. of Glen Avon Heights	0.000	0.00	0.00	0.00	0.00	0.00	0.00
City of Norco	0.000	0.00	0.00	151.77	15,765.34	(1,022.07)	(870.30)
City of Ontario	34,602.534	0.00	431,663.16	8,717.41	365,475.29	(23,693.74)	416,686.83
City of Pomona	0.000	0.00	0.00	(0.02)	237,647.33	(15,406.67)	(15,406.69)
San Antonio Water Co.	52.183	(75,000.00)	650.98	25.48	16,249.51	(1,053.45)	(75,376.99)
San Bernardino County (Olympic +)	2.282	0.00	28.47	1.78	1,450.72	(94.05)	(63.80)
City of Chino Hills	4,342.653	(279,450.00)	54,174.16	758.66	57,506.06	(3,728.11)	(228,245.29)
Santa Ana River Water Co.	818.178	(41,940.00)	10,206.69	128.17	17,905.51	(1,160.81)	(32,765.95)
Southern California Water Co.	242.821	0.00	3,029.17	99.06	7,139.05	(462.82)	2,665.41
City of Upland	2,275.622	0.00	28,388.16	828.07	53,922.73	(3,495.81)	25,720.42
West End Consolidated Water Co.	0.000	0.00	0.00	0.00	9,761.33	(632.83)	(632.83)
West San Bernardino County Water Dist.	0.000	0.00	0.00	0.00	6,635.22	(430.16)	(430.16)
Arrowhead MTN. Spring Water Co.	0.000	0.00	0.00	0.00	2,010.70	(130.35)	(130.35)
Los Serranos Country Club	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Pyrite Canyon Group	0.000	0.00	0.00	0.00	20,156.51	(1,306.74)	(1,306.74)
MWDSC	0.000	0.00	0.00	0.00	5.00	(0.32)	(0.32)
Repl. Exchange Reimbursement	0.000	0.00	0.00	0.00	0.00	0.00	0.00
Assessments Paid/Interest Earned	91,052.753	(\$1,135,874.04)	\$1,135,874.04	\$0.00	\$1,396,094.28	(\$90,508.68)	(\$90,508.68)

Pool Interest to be allocated:

Total Interest Earned	
Plus SB222 Portion	\$90,508.68
Total interest adjustment	\$90,508.68

Water activity adjustments:

Prepurchase adjustments	0.00
85/15 adjustment	1,135,874.04
Total activity adjustments	\$1,135,874.04
85%/15% Group AF Prod	91,052.753
Adjustment per acre foot	\$12.4749

CHINO BASI FERMMASTER
1999/2000 ASSESSMENTS

1999/2000 APPROPRIATIVE POOL ASSESSMENTS

Producer	ADMINISTRATIVE ASSESSMENTS				REPLENISHMENT ASSESSMENTS				100% Net Assessments	1998/99 Adjustments	1999/2000 Assessments	TOTAL
	Assessed per Acre-Foot	Gross Admin.	OBMP	Ag Pool Water Reallocation	OBMP	15% Gross Assessments	85% Net Assessments	100% Net Assessments				
	\$3,285.2	\$8,460.5	\$11,764.9	\$14,539.5	Acre-Foot	\$0.0020	Acre-Foot	\$206.55	Acre-Foot	\$243.00	From Page 8	1999/2000 Assessments
Chino Basin Mun Water District	2.655	58.72	522.46	50.00	2.655	50.01	2.655	548.39	50.00	50.00	(\$25.95)	\$553.63
City of Chino	10,081.282	33,119.03	85,292.69	51,339.87	10,081.282	20.16	0.000	0.00	0.00	0.00	25,132.38	258,351.85
Cucamonga County Water District	6,082.950	19,983.71	51,464.80	31,070.08	6,082.950	12.17	0.000	0.00	0.00	0.00	(440,062.64)	(299,134.33)
Fontana Union Water Company	0.000	5.00	0.00	42,469.38	0.000	0.000	0.000	0.00	0.00	0.00	(4,269.55)	90,690.07
Fontana Water Company	10,373.579	34,079.28	87,765.67	0.00	10,373.579	20.75	0.000	0.00	0.00	0.00	92,431.46	214,299.16
Jurupa Community Services	13,430.914	44,123.24	113,632.25	61,012.67	13,430.914	26.86	0.000	0.00	0.00	0.00	(39,007.24)	(29,273.31)
Marygold Mutual Water Company	0.148	5.00	1.25	4,350.80	0.000	0.00	0.000	0.00	0.00	0.00	102,421.97	276,300.22
Monie Vista Water District	8,623.625	28,330.33	72,960.18	32,457.86	8,623.625	17.25	0.000	0.00	0.00	0.00	(14,728.42)	(3,255.40)
Monie Vista Irrigation Company	121.475	399.07	1,027.74	4,493.16	121.475	0.24	0.000	0.00	0.00	0.00	0.00	0.00
M/W Co./Glen Avon Heights	0.000	0.00	0.00	0.00	0.000	0.00	0.000	0.00	0.00	0.00	0.00	0.00
City of Norco	0.000	5.00	0.00	1,338.10	0.000	0.00	0.000	0.00	0.00	0.00	(870.30)	2,126.48
City of Ontario	34,602.534	113,676.24	292,754.74	86,037.73	34,602.534	69.21	0.000	0.00	0.00	0.00	416,686.83	1,015,553.36
City of Pomona	16,564.043	54,416.19	140,140.09	74,461.58	0.000	0.00	0.000	0.00	0.00	0.00	(15,406.69)	345,640.26
San Antonio Water Company	52.183	171.43	441.49	10,091.57	52.183	0.10	0.000	0.00	0.00	0.00	(75,376.99)	(52,395.39)
S.B. County (Olympic +)	2.282	7.50	19.31	0.00	2.282	0.00	2.282	471.35	0.00	0.00	(63.80)	434.36
City of Chino Hills	4,342.653	14,266.48	36,741.02	24,269.51	4,342.653	8.69	0.000	0.00	0.00	0.00	(228,245.29)	(122,966.43)
Santa Ana River Water Company	818.178	2,687.88	6,922.19	8,640.12	818.178	1.64	0.000	0.00	0.00	0.00	(32,765.95)	(3,836.34)
Southern California Water Company	242.821	797.72	2,054.39	2,731.88	242.821	0.49	0.000	0.00	0.00	0.00	2,665.41	11,626.05
City of Upland	2,275.622	7,475.87	19,252.90	18,937.74	2,275.622	4.55	0.000	0.00	0.00	0.00	25,720.42	94,795.44
West End Consolidated Water Comp	0.000	5.00	0.00	6,292.09	0.000	0.00	0.000	0.00	0.00	0.00	(632.83)	13,440.26
West San Bernardino CWD	0.000	5.00	0.00	4,277.76	5,286.62	0.00	0.000	0.00	0.00	0.00	(430.16)	9,139.22
Arrowhead MTN. Spring Water Com	11.525	37.86	97.51	0.00	0.000	0.00	0.000	0.00	0.00	0.00	(130.35)	2,805.60
Los Serranos Country Club	12.436	40.85	105.21	0.00	0.000	0.00	0.000	0.00	0.00	0.00	0.00	3,168.01
Pyrite Canyon Country Club	80.900	265.77	684.45	0.00	0.000	0.00	0.000	0.00	0.00	0.00	(1,206.74)	(356.52)
MWDSC	1.300	5.00	11.00	0.00	1.300	0.00	0.000	0.00	0.00	0.00	(0.32)	15.68
Repl. Exchange Reimbursement		0.00	0.00	0.00	0.00	0.00	0.000	0.00	0.00	0.00	0.00	0.00
Total Acre-Foot	187,723.105	\$353,917.17	\$911,391.34	\$464,187.90	\$573,660.62	\$182.12	4,937	\$1,019.74	\$5,822.53	\$90,508.68		\$2,219,672.74
Total Assessments												2,219,672.74

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

**CHINO BASIN WATERMASTER
1999/2000 ASSESSMENTS**

1998/1999 OVERLYING (NON-AGRICULTURAL) POOL PRODUCTION

PRODUCER	NOTES	Carry-Over From 97/98	Share of Operating Safe Yield	Transfers	1998/99 Production & Exchange	Net Over Production	Carry-Over To 1999/2000	Eligible for Local Storage	Amount In Storage From 1997/1998	Storage Transfer	Local Storage At Yr End 1998/99
Ameron Steel		97.858	97.858	0.000	3.336	0.000	97.858	94.522	1,177.016	0.000	1,271.538
Conrock	1	317.844	317.844	0.000	27.304	0.000	317.844	290.540	6,344.510	0.000	6,635.050
Kaiser Ventures, Inc	6, 9, 10	1,155.274	1,155.274	0.000	0.000	0.000	1,155.274	1,155.274	9,236.496	(7,000.000)	3,391.770
S. B. County, Chino Airport	8	0.000	133.870	0.000	133.870	0.000	0.000	0.000	0.000	0.000	0.000
Southern Calif Edison Company		0.000	27.959	0.000	0.000	0.000	27.959	0.000	0.000	0.000	0.000
Reliant Energy, Etiwanda	4	982.499	954.540	3,250.000	1,561.803	0.000	954.540	2,670.696	3,616.345	0.000	6,287.041
Angelica Rental Service	2	0.000	18.789	0.000	27.950	9.161	0.000	0.000	0.000	0.000	0.000
Space Center-Mira Loma		104.121	104.121	0.000	93.970	0.000	104.121	10.151	449.868	0.000	460.019
Speedway Development Corp.	9	0.000	475.000	0.000	1,070.228	595.228	0.000	0.000	0.000	0.000	0.000
Sunkist	7	1,873.402	1,873.402	0.000	1,468.854	0.000	1,873.402	404.548	6,401.184	0.000	6,805.732
Swan Lake		464.240	464.240	0.000	332.648	0.000	464.240	131.592	1,539.044	0.000	1,670.636
Praxair Inc.	3	427.446	427.446	0.000	179.690	0.000	427.446	247.756	2,306.440	0.000	2,554.196
California Steel Industries (CSI)	3, 6	0.000	1,300.000	0.000	1,300.000	0.000	0.000	0.000	0.000	0.000	0.000
West Venture Development		15.657	15.657	0.000	0.000	0.000	15.657	15.657	0.000	0.000	15.657
General Electric - Geomatrix	5	0.000	0.000	0.000	806.180	24.185	0.000	0.000	0.000	0.000	0.000
TOTALS		5,438.341	7,366.000	3,250.000	7,005.833	628.574	5,438.341	5,020.736	31,070.903	(7,000.000)	29,091.639

FOOTNOTES:

- (1) Conrock is the Calmat Properties Company.
- (2) Southern Service Company became Angelica Rental Service in FY 94-95.
- (3) Union Carbide Corp. became Praxair Inc. in FY 94-95. Fontana Water Company entered into two agency agreements with Praxair & CSI in calendar year 1996. Praxair assigned 176.690 af & CSI assigned 1,300.000 af to FWC for service it provided to them in FY 98-99.
- (4) Reliant Energy purchased 750.000 af of water from CCWD and leased 2,500.000 af from City of Pomona to offset FY 97-98 production.
- (5) GE pumped 806.180 af, pursuant to Judgment, 3% losses due to spreading.
- (6) Kaiser/CSI received court approval on settlement Dec 20, 1995. CSI assigned 1300.000 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.
- (7) Sunkist and Ontario entered into an Agency Agreement for the assignment of water provided by Ontario to Sunkist, which was 1,648.854 af in FY 98-99.
- (8) San Bernardino County Department of Airports assigned 133.870 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.
- (9) 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.
- (10) Kaiser abandoned 7,000.000 af in Sept 98 to Watermaster to be used to offset the desalter replenishment obligations.

CHINO BASIN WATERMASTER
1999/2000 ASSESSMENTS
1999/2000 OVERLYING (NON-AGRICULTURAL) POOL ASSESSMENTS

PRODUCER	NOTES*	GROSS ADMINISTRATIVE ASSESSMENTS			NET REPLENISHMENT ASSESSMENTS		1998/99 Adjustments	TOTAL 1999/2000 Assessments
		1998/99 Production	Assessed per Acre-Foot		Acre-Fect Exceeding Safe Yield	Assessment Per Acre-Foot		
			Administration \$5.6661	OBMP \$8.4575		\$243.00		
Ameron Steel		3.336	\$18.90	\$28.21	0.000	\$0.00	\$0.00	\$47.11
Conrock		27.304	154.71	230.92	0.000	0.00	0.00	385.63
Kaiser Ventures, Inc.	6,9	0.000	0.00	0.00	0.000	0.00	0.00	0.00
S. B. County, Chino Airport	8	133.870	758.52	1,132.21	0.000	0.00	0.00	1,890.73
Southern California Edison Co.		0.000	5.00	0.00	0.000	0.00	0.00	5.00
Reliant Energy, Etiwanda	4	1,561.803	8,849.33	13,208.95	0.000	0.00	0.00	22,058.28
Angelica Rental Service	2	27.950	158.37	236.39	9.161	2,226.12	0.00	2,620.88
Space Center-Mira Loma		93.970	532.44	794.75	0.000	0.00	0.00	1,327.19
Speedway Development Corp	9	1,070.228	6,064.02	9,051.45	595.228	144,640.40	0.00	159,755.87
Sunkist	7	1,468.854	8,322.67	12,422.83	0.000	0.00	0.00	20,745.50
Swan Lake		332.648	1,884.82	2,813.37	0.000	0.00	0.00	4,698.19
Praxair Inc.	3	179.690	1,018.14	1,519.73	0.000	0.00	0.00	2,537.87
CSI	3,6	1,300.000	7,365.93	10,994.75	0.000	0.00	0.00	18,360.68
West Venture Development		0.000	0.00	0.00	0.000	0.00	0.00	0.00
General Electric (Geomatrix)	5	806.180	4,567.90	6,818.27	24.185	5,877.05	0.00	17,263.22
TOTALS		7,005.833	\$39,700.75	\$59,251.83	628.574	\$152,743.58	\$0.00	\$251,696.16

* Non-Agricultural Pool Notes are on Page 10

- 1) When made aware of a well that has not been metered, meter it.
- 2) Of those wells remaining to be metered, identify 1/3 of the key wells for metering. Where an hour meter currently exists, install some inline meters for comparison purposes to see if there is a correlation.
- 3) After two years, identify another 1/3 of the wells to meter.
- 4) Four years out, Watermaster should have enough information regarding active wells to decide what remains to be metered.

Mr. Wellington also recommended that, in order to get started, the project costs be funded as a Watermaster expense, including personnel time. Then, the parties could move toward resolving the project funding issues between the individual pools.

A lengthy discussion ensued with regard to the advantages/disadvantages of implementing Mr. Wellington's approach versus the approach presented in the OBMP Phase I Report. Concern was expressed as to whether an approach like this still meets with the goals of the OBMP. As a result, a meeting was scheduled for pool members to meet to discuss the production metering project on November 9, after lunch. A Recharge Subcommittee and Basin Yield Maintenance Subcommittee will meet that morning.

Ms. Stewart reported that tremendous progress has been made in obtaining production reports. Through extensive efforts of Watermaster field staff, less than 20 production reports remain outstanding, albeit animal and crop data are what is received in many cases.

It was pointed out that on June 10, 1999, Watermaster's Budget was adopted with the condition that the metering project be considered prior to assessments being levied. However, the pools did not have an opportunity to meet in that regard. The project was agendaized for discussion at the regularly scheduled joint meeting of the pools in October, however, time did not allow for meaningful discussion and it was deferred to this meeting. It was explained that when a project is included in Watermaster's Budget, it must also be included in the Assessment Package. Due to limited operating reserves, the levying of FY 1999-2000 assessments can no longer be delayed and therefore, the Production Metering Project does not appear at this time in the summary Budget used on Page 1 of the Assessment Package. However, an amendment to include the project at mid-year may be considered.

Motion by Mr. Kinsey, second by Mr. Almany, and by unanimous vote.

Moved, to recommend a joint committee of Agricultural Pool and Appropriative Pool members and Mark Wildermuth be formed to address the type, the methodology and the funding for the Production Metering Project, prior to January 15, 2000.

Following the motion, it was agreed to schedule a meeting on November 9th at 2:00 p.m. to continue this discussion.

3. FY 1999-2000 ASSESSMENTS

Because time did not permit discussion of the Production Metering Project to take place on October 14, staff was asked to prepare the FY 1999-2000 Assessment Package without the Production Metering Project. The Committees were informed that a supplemental assessment may be necessary this year to include CEQA, production metering, etc. based on the outcome of continued discussions.

The water transactions listed below were briefly discussed. Clarifications were provided with regard to the assessments, as presented. Prior to the end of the discussion, the assessment package was corrected for one error and redistributed. Staff committed to correct other items found and/or brought to their attention prior to its presentation to the Watermaster Board.

Motion by Mr. Arbelbide, by Mr. Wellington, and by unanimous vote.

8. **SALINITY MANAGEMENT COALITION MOU**

On August 12, 1999, the Advisory Committee recommended the Watermaster become signatory to the Salinity Management Coalition MOU. Ms. Stewart provided a report on the potential benefits. There was no further discussion.

Motion by Ms. Johnson, second by Mr. Vanden Heuvel, and by unanimous vote.

Moved that Watermaster become a signatory to the Salinity Management Coalition MOU.

9. **LABORATORY SELECTION FOR THE OPTIMUM BASIN MANAGEMENT PROGRAM (OBMP) MONITORING PROGRAM**

On August 12, 1999, the Advisory Committee recommended approval of this item, as presented. There was no discussion.

Motion by Mr. Krueger, second by Mr. King, and by unanimous vote.

Moved to award a contract for the OBMP Monitoring Program to Montgomery Watson Laboratories.

10. **FY 1998-99 ASSESSMENT PACKAGE ADJUSTMENTS FOR INCLUSION IN THE FY 1999-00 ASSESSMENTS**

The Advisory Committee recommended approval of the FY 1998-1999 assessment adjustments, as presented.

A lengthy discussion followed regarding the assessment adjustments and the letter dated July 1998 from the Chino Basin Water Conservation District. Member Vanden Heuvel expressed concern with setting a precedence by approving the assessment adjustments without having addressed the Conservation District's questions and concerns with regard to "tributary water" from the San Gabriel Mountains being recharged in the Montclair Basins as "new water". They feel this practice has allowed the Appropriators to exceed their usual pumping limits while reducing the volume of required replenishment water.

Ms. Stewart explained that the Conservation District's concern was discussed at an Appropriative Pool meeting. The adjustment being presented pertains to the coming year assessment package and is necessary as a result of last years information changing. Ms. Johnson said she could approve the assessment adjustment as presented if the concerns brought forth are referred to legal counsel for review and recommendation.

Motion by Ms. Johnson, second by Mr. Krueger, and by unanimous vote.

Moved, to approve the assessment package adjustments for this year only.

Motion by Ms. Johnson, second by Mr. Krueger, any by unanimous vote.

Moved, to refer this matter to legal counsel for his review and recommendation back to the committees and the Watermaster Board as soon as possible.

11. **STAFF REPORT**

There were no comments or questions regarding the items listed under the staff report.

~~A. AGWA will meet at the offices of Chino Basin Watermaster on August 23, 1999.~~

B. Received and filed Lease from Santa Ana River Water Company to Jurupa Community Services District in the amount of 1,200,000 acre-feet.

C. Received and filed Notice of Sale or Transfer of Right to Water in Storage from Marygold Mutual Water Company to Fontana Water Company in the amount of 1,200,000 acre-feet.

~~D. Updated Meeting Calendar will be handed out at the meeting.~~

E. Request to Schedule Tour of ponds located off Hwy. 57.