

CHINO BASIN WATERMASTER
~~PROPOSER~~
 1980-81 ADMINISTRATIVE ASSESSMENTS

	TOTALS	3 APPROPRIATIVE POOL		1 OVERLYING AGRICULTURAL POOL		2 OVERLYING NON-AGRICULTURAL POOL	
		Amount	Ratios and Rates	Amount	Ratios and Rates	Amount	Ratios and Rates
1978-1979 Production ⁽¹⁾	141,750.6 AF	60,597.2AF	42.75%	74,026.2AF	52.22%	7,127.2 AF	5.03%
1979-1980 Production ⁽²⁾	141,574.4 AF	63,833.6AF	45.09%	70,377.3AF	49.71%	7,363.5 AF	5.20%
<u>WATERMASTER ADMINISTRATION 80/81</u>							
Joint Watermaster-Advisory Committee	\$50,200						
Special Projects:							
Conjunctive Use/Cyclic Storage	7,600						
Meter Installation	2,275						
Well Water Data	3,325						
Total Watermaster Administration 80/81	63,400 ⁽²⁾	\$28,587		\$31,516		3,297	
Plus 25% Operating Reserve	15,850 ⁽²⁾	7,147		7,879		824	
Less Admin. Fund Balance June 30, 1980	(86,721) ⁽¹⁾	(37,073)		(45,286)		(4,362)	
Less Estimated Interest Earned Bal. of SB222 Funds	(11,000) ⁽²⁾	(4,960)		(5,468)		(572)	
Projected 80/81 Carryover	(18,471)	(6,299)	\$(0.0987)/AF	(11,359)	\$(0.1614)/AF	(813)	\$(0.1104)/AF
<u>POOL COSTS</u>							
Pool Administration	6,000	2,025		2,300		1,675	
Meter Testing Program (as Budgeted) ⁽⁴⁾	27,550	10,375		14,880		2,295	
Total Pool Costs	33,550	12,400		17,180		3,970	
Plus 25% Operating Reserve	8,390	3,100		4,295		995	
Less 79/80 Interest Revenue	(6,189)	-0 ⁽³⁾		(4,359)		(1,830)	
Less Other Pool Funds at June 30, 1980	(20,926)	(9,655)		(10,225)		(3,046)	
Projected 80/81 Carryover	14,825	5,845	0.0916/AF	6,891	0.0979/AF	2,089	0.2837/AF
TOTAL ADMINISTRATION COSTS TO BE ASSESSED	(\$3,646)	(\$454)	\$ 0.0071/AF	(\$4,468)	(\$0.0635)/AF	\$1,276	\$ 0.1733/AF
Recommended Assessment for 80/81 based on Note 4 below			\$5/Producer		\$0.3200/AF*		\$5/Producer

- (1) June 30, 1980 balances prorated using 78/79 production percentages.
- (2) 80/81 costs allocated using 79/80 production percentages.
- (3) Interest here is distributed to each appropriator based on 79/80 assessments paid.
- (4) Meter Testing Program:

After award of contract on July 30, 1980
 this program cost should be lower by: 9,000 3,390 4,860 750
 Recommended Budget revision to: 18,550 6,985 10,020 1,545

*Allows for spreading benefits to assessments over 2 year period.

CHINO BASIN WATERMASTER
~~PROPOSED~~
 80/81 ASSESSMENTS
 FOR APPROPRIATIVE POOL

Producer	Gross Admin. Assessment Acre Feet \$/Producer	1978/79 Carry-Over Rights	Gross Repl. Assessments Acre Feet \$2.614/AF	Net Repl. Assessments Acre Feet \$53.133/AF	100% Net Repl. Assessments Acre Feet Assessment	Less 1979/80 Interest Credits	Total Assessments	1979/80 Carry-Over Rights
City of Chino	7,066.6 \$ 5.00		7,066.6 \$ 13,472.09	2,452.2 \$ 130,292.74		\$13,425.32	\$135,344.51	
City of Norco	2,916.0 5.00		1,567.0 4,096.14	1,365.5 72,553.11	1,349.0 ⁽²⁾ \$84,325.99	6,940.00	154,040.24	
City of Ontario	18,553.1 5.00		18,553.1 48,497.80	7,179.3 381,457.75		38,802.27	391,158.28	163.2
City of Pomona	11,052.7 5.00		-0-			2,647.77	(2,642.77)	
City of Upland	2,647.2 5.00	2,172.2 ⁽¹⁾	475.0 1,241.65			892.78 ⁽²⁾	353.87	2,377.4
Cucamonga Co. Water Dist.	2,773.3 5.00	1,315.2 ⁽¹⁾	1,458.1 3,811.47			959.81 ⁽²⁾	2,856.66	2,161.4
Etiwanda Water Co.	-0- 5.00		-0-			.50	4.50	
Felspar Gardens W.C.	97.0 5.00		97.0 253.56	49.5 2,630.08		312.66	2,575.98	6,396.7
Fontana Union W.C.	935.2 5.00	6,161.5 ⁽¹⁾	-0-			1,631.35 ⁽²⁾	(1,626.35)	
Jurupa Comm. Services	32.4 5.00	682.5	2,402.4 6,279.87	174.3 9,261.08		284.33	15,261.62	
Marygold Mutual W. C.	977.5 5.00		-0-		322.2 ⁽³⁾ 5,528.95	-0-	5,533.95	138.5
Monte Vista Irrigation Co.	380.6 5.00	142.3	380.6 994.89			90.71	909.18	
Monte Vista Water Dist.	5,669.7 5.00	133.4	5,669.7 14,820.60	1,388.0 73,748.60		1,032.84	87,541.36	
Mutual Water Co. Avon Hts.	746.9 5.00	56.8	746.9 1,952.40	222.1 11,800.84		96.56	13,661.68	14.6
Park Water Co.	289.8 5.00	2.7	289.8 757.54			23.84	738.70	
Pomona Valley Water Co.	2,566.2 5.00		2,566.2 6,700.05	403.6 21,444.48		2,342.24	25,815.29	1,506.9
San Antonio Water Co.	816.9 5.00	927.0	816.9 2,135.38			249.93	1,890.45	
Santa Ana River Water Co.	2,007.6 5.00		2,007.6 5,247.87	706.2 37,522.53		3,338.68	39,436.72	
So. Calif. Water Co.	843.6 5.00	301.1	843.6 2,205.17			319.73	1,890.44	555.6
West End Consol. Water Co.	1,091.3 5.00	947.7	1,091.3 2,852.66			236.16	2,621.50	804.1
West San Bdo. Co. Water Dist.	-0- 5.00		-0-			.36	4.64	
TOTALS	63,833.6 \$105.00	12,842.4	46,031.8 \$120,327.14	13,940.70 \$740,711.21	1,671.2 \$ 89,854.94	\$73,627.84	\$877,370.45	14,118.4

FOOTNOTES ARE ON PAGE 2'

CHINO BASIN WATERMASTER
~~CHINO BASIN~~
 80/81 ASSESSMENTS
 FOR APPROPRIATIVE POOL

(1) Prepaid 78/79 Carry-Overs	-----ACRE FEET-----				Included in Interest Credits (2)	79/80 Applied @2.349518	Funds Carried Over
	78/79 Carry-Over	79/80 Applied	79/80 Bal. Carry-Over	@2.349518/AF			
Fontana Union W. C.	6,161.5	935.2	5,226.3	\$14,476.64	\$ 1,422.24	\$ 2,197.27	\$12,279.37
Cucamonga Co. W. D.	1,315.2	1,315.2	-0-	3,089.98	308.22	3,089.98	-0-
City of Pland	2,172.2	2,172.2	-0-	5,103.63	529.02	5,103.63	-0-
TOTALS	<u>9,648.9</u>	<u>4,422.6</u>	<u>5,226.3</u>	<u>\$22,670.25</u>	<u>\$ 2,259.48</u>	<u>\$10,390.88</u>	<u>\$12,279.37</u>

(2) \$62.51/AF - WWD average.

(3) \$17.16/AF Same Bernardino Valley Municipal Water District rate.

SUMMARY
OF
ASSESSMENTS PER ACRE FOOT

1. OVERLYING (AGRICULTURAL) POOL		
a. Administrative		\$ 0.32000
2. OVERLYING (NON-AGRICULTURAL) POOL		
a. Administrative		\$ 5.00/Producer
b. Replenishment		\$62.51
3. APPROPRIATIVE POOL		
a. Administrative		\$ 5.00/Producer
b. Net Replenishment		
MWD		\$62.51
SBVMWD		\$17.16
c. 15/85		
Gross		\$ 2.614
Net		\$53.133

NOTE: All replenishment assessments per acre foot include 2.82 spreading cost.

Appropriative Pool
 15/85 Group Assessment Computation
 1980/81 Assessments

	Gross 15%	Net 85%	Total
Total Pool Production	63833.6		
Total Acre Feet in Excess of Safe Yield		15611.9	
Less 100% Net Producers			
City of Pomona	11052.7		
Marygold Mutual	977.5	322.2	
Norco Production Exceeding Export Right	1349.0	1349.0	
15/85 Group Production	50454.4	13940.7	
Less Prepaid Gross Assessments	4422.6	N/A	
Acre Feet to be Assessed	46031.8	13940.7	
Replenishment Costs Assessed			
22,000 13940.7 x \$62.51 AF (1)	\$130715	\$740718	\$871433
Less Prepaid Gross Assessments	10391		10391
Total Assessments	\$120324	\$740718	\$861042
Assessment Per Acre Foot	\$ 2.614	\$53.133	

(1) Replenishment Cost Per Acre Foot:

Replenishment Obligations in Acre Feet			
Appropriative Pool	15611.9		
Less Marygold Mutual	(322.2)		
Non-Agricultural Pool	653.6		
Total to be Replenished	15943.3		
79/80 MWD Pre Delivery	715.4	@ \$53/AF	37916.20
80/81 MWD Deliveries	15227.9	@ \$60/AF	913674.00
Water Cost	15943.3		951590.20
Average MWD Cost per Acre Foot		\$59.69	
Water Spreading Cost Per Acre Foot		2.82	
Average Replenishment Cost Per Acre Foot		\$62.51	

AWL/mw
 8/29/80

REVISED

CHINO BASIN WATERMASTER
~~PROPOSED~~
 80/81 ASSESSMENTS
 FOR APPROPRIATIVE POOL

Producer	Gross Admin. Assessment Acre Feet \$/Producer	1978/79 Carry-Over Rights	Gross Repl. Assessments Acre Feet \$2.614/AF	Net Repl. Assessments Acre Feet \$53.133/AF	100% Net Repl. Assessments Acre Feet Assessment	Less 1979/80 Interest Credits	Total Assessments	1979/80 Carry-Over Rights
City of Chino	7,066.6 \$ 5.00		7,066.6 \$ 10,472.09	2,452.2 \$ 130,292.74		\$13,425.32	\$135,344.51	
City of Norco	2,916.0 5.00		1,567.0 4,096.14	1,365.5 72,553.11	1,349.0 ⁽²⁾ \$84,325.99	6,940.00	154,040.24	
City of Ontario	18,553.1 5.00		18,553.1 48,497.80	7,179.3 381,457.75		38,802.27	391,158.28	
City of Pomona	11,052.7 5.00		-0-			2,647.77	(2,642.77)	163.2
City of Upland	2,647.2 5.00	2,172.2 ⁽¹⁾	475.0 1,241.65			892.78 ⁽²⁾	353.87	2,377.4
Cucamonga Co. Water Dist.	2,773.3 5.00	1,315.2 ⁽¹⁾	1,458.1 3,811.47			959.81 ⁽²⁾	2,856.66	2,161.4 - PD. A/D. 1/81 OK 1/81
Etiwanda Water Co.	-0- 5.00		-0-			.50	4.50	
Felspar Gardens M.W.C.	97.0 5.00		97.0 253.56	49.5 2,630.08		312.66	2,575.98	
Fontana Union W. Co.	935.2 5.00	6,161.5 ⁽¹⁾	-0-			1,631.35 ⁽²⁾	(1,626.35)	6,396.7
Jurupa Comm. Services	2,402.4 5.00	682.5	2,402.4 6,279.87	174.3 9,261.08		284.33	15,261.62	
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Monte Vista Irrigation Co.	380.6 5.00	142.3	380.6 994.89			90.71	909.18	138.5
Monte Vista Water Dist.	5,669.7 5.00	133.4	5,669.7 14,820.60	1,388.0 73,748.60		1,032.84	87,541.36	
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West San Bdo. Co. Water Dist.	-0- 5.00		-0-			.36	4.64	
TOTALS	63,833.6 \$115.00	12,842.4	46,031.8 \$120,327.14	13,940.70 \$740,711.21	1,671.2 \$ 89,854.94	\$73,627.84	\$877,370.45	14,118.4

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CHINO BASIN WATERMASTER
 PROPOSED
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 FOR APPROPRIATIVE POOL

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Cucamonga Co. W. D.	1,315.2	1,315.2	-0-	3,089.98	308.22	3,089.98	-0-
City of Upland	2,172.2	2,172.2	-0-	5,103.63	529.02	5,103.63	-0-
TOTALS	9,648.9	4,422.6	5,226.3	\$22,670.25	\$ 2,259.48	\$10,390.88	\$12,279.37

(2) \$62.51/AF - MWD average.

(3) \$17.16/AF San Bernardino Valley Municipal Water District rate.

CHINO BASIN WATERMASTER
PROPOSED
80/81 ASSESSMENTS
OVERLYING NON-AGRICULTURAL POOL

Producer	GROSS		NET		Total Assessment	Carry Over Rights Acre Feet
	79/80 Production	Administrative Assessments \$5/Producer	Acre Feet	Replenishment Assessments \$62.51/AF		
Ameron Steel	75.9	\$ 5.00			\$ 5.00	34.7
County of San Bernardino	68.1	5.00			5.00	113.5
Conrock Company	-0-	5.00			5.00	317.8 (1)
Kaiser Steel Corp.	2,879.6	5.00			5.00	53.5
Red Star Fertilizer	15.3	5.00			5.00	.9
Southern California Edison	2,248.4	5.00	653.2	\$40831.53	40,836.53	-0-
Mira Loma Space Center	69.2	5.00			5.00	90.3
Southern Service Company	18.7	5.00			5.00	11.4
Sunkist	1,228.1	5.00			5.00	1,275.0
Swan Lake	354.7	5.00			5.00	109.5
Union Carbide Corporation	405.1	5.00			5.00	22.4
Quaker Chemical	0.4	5.00	.4	25.00	30.00	-0-
TOTAL	7,363.5	\$ 60.00	653.6	\$40,856.53	\$40,916.53	2,029.0

(1) Conrock also has 635.7 Acre Feet in local storage.

AWL/sf
Rev. 8-29-

AWL/sf



CHINO BASIN WATERMASTER
PROJECTED SPREADING COSTS

Fiscal Year 1980/81

Cost Item	1978/79 Actuals		1979/80 Actuals		1980/81 Projected Costs		
	Total Costs	Avg/AF Cost	Total Costs	Avg/AF Cost	Acre Feet	Total Costs	Avg/AF Cost
1. OCWD/OC-59	\$22,796	\$1.00	\$22,048	\$1.80	15,000 18,500	\$30,000 37,000	\$2.00
2. SBCFCD (Monitoring)	36,917	1.30	17,487	0.97	35,000	35,000	1.00
3. Day Creek Valve Repair	-	-	-	-		5,000	0.50
4. Day Basin Repair	1,102	0.04	-	-		3,000 1,900	0.75
5. Montclair Repair							
Basin 1	-	-	-	-		22,000	4.00
Basin 2	-	-	-	-		5,000	0.90
6. CBMWD Direct Cost	1,094	0.04	112	0.01		1,000	0.03
7. MWD Temp. Fac. Use	-	-	-	-	20,000	20,000	1.00
8. Less Prior Years Carryover						22,345	
Totals	\$61,909		\$39,647		35,000	\$98,655	
	÷ 28,394AF =	\$2.18	÷ 18,003AF =	\$2.20		÷ 35,000AF =	\$2.82

1980/81 PRODUCTION
APPROPRIATIVE POOL

PRODUCER	1979/80 CARRY OVER	SHARE OF OSY	+ LEASED RIGHTS	1980/81 PRODUCTION	NET PRODUCTION	CARRY OVER	LOCAL STORAGE
CHINO	0.0	3,670.067	+ 350.000 + 644.317 +1500.000	7,839.4	1,675.016	0.0	0.0
NORCO	0.0	201.545	0.0	4,162.2	100% Net 15/85 2,595.200 1,365.455	= [4162.2 - 201.545 - = [1567.0 - 201.545]	1365.455
ONTARIO	0.0	11,373.816	0.0	19,534.6	8,160.784	0.0	0.0
POMONA	163.2	11,215.852	0.0	10,555.0	0.0	824.052	0.0
UPLAND	2,377.4	2,852.401	0.0	3,412.5	0.0	1,817.301	0.0
CCWD	2,161.4	3,084.786	+ 534.668	3,574.8	0.0	2,206.054	0.0
JCSD	0.0	1,545.595	0.0	3,845.5	2,299.905	0.0	0.0
MVWD	0.0	4,148.344	0.0	6,113.8	1,965.456	0.0	0.0
WSBCWD	0.0	644.317	- 644.317	0.0	0.0	0.0	0.0
ETIWANDA W.C.		534.668	- 534.668	0.0	0.0	0.0	0.0
FELSPAR		47.549	0.0	106.0 198.0	58.450 140.451	0.0	0.0
FONTANA UNION	6,396.7	6,396.736	-1500.000	1,742.7	0.0	6,396.700	5,226.3 +3,154.0 <u>8,380.3</u>
MARYGOLD	0.0	655.317	0.0	542.2	**	113.117	0.0
MONTE VISTA IRR	138.5	676.759	- 350.000	359.0		106.259	0.0
GLEN AVON	0.0	467.974	0.0	520.9	52.926	0.0	0.0
PARK WATER CO.	14.6	164.369	+ 823.900	947.4		55.469	0.0
POMONA VALLEY	0.0	2,162.553	0.0	1,914.1	0.0	248.453	0.0
SAN ANTONIO	1,506.9	1,506.888	0.0	1,079.2	0.0	1,506.888	110.1 +427.7 <u>537.8</u>
SANTA ANA RIVER	0.0	1,301.374	0.0	2,191.1	889.726	0.0	0.0
SO. CAL WATER	555.6	1,235.376	- 823.900	755.0	0.0	212.076	0.0
WEST END	804.1	947.714	0.0	1520.5 2,952.4	1,200.586	271.314 0.0	0.0
TOTALS	14,118.4	54,834.0		72,229.8 70,125.9	20,345.505 19,067.919	13,486.369 13,107.683	8,918.1

Maximum Export Right is 1,5 acre feet under 15/85

** Carry-over to be applied to Marygold account. 1504 - LEAS

1244 - 17,821,586 AC. FT.
OF NET PRODUCTION

1979/80 Production

Appropriative Pool

Producer	1978/79 Carry Over	Share of OSY	± Leased Rights	1979/80 Production	Net Production	Carry Over	Local Storage
Chino		3670.067	+300.000 +644.317	7066.6	2,452.2		
Norco		201.545		2916.0*	100%Net 15/85 1349.0=(2916.0-201.545-1365.5) 1365.5=(1567-201.545)		
Ontario		11373.816		18553.1	7179.3		
Pomona		11215.852		11052.7		163.2	
Upland	pd 2172.2	2852.401		2647.2		2377.4	
CCWD	pd 1315.2	3084.786	+534.668	2773.3		2161.4	
JCSD	682.5	1545.595		2402.40	174.3		
MVWD	133.4	4148.344		5669.7	1388.0		
WSBCWD	0.0	644.317	-644.317		0.0		
Etiwanda W.C.		534.668	-534.668	0.0			
Felspar		47.549		97.0	49.5		
Fontana Union	pd 6161.5	6396.736		935.2		6396.7	5226.3
Marygold		655.317		977.5	322.2		
Monte Vista Irr	142.3	676.759	-300.000	380.6		138.5	
Glen Avon	56.8	467.974		746.9	222.1		
Park Water Co.	2.7	164.369	+137.300	289.8		14.6	
Pomona Valley		2162.553		2566.2	403.6		
San Antonio	927.0	1506.888		816.9		1506.9	110.1
Santa Ana R.				2007.6	706.2		
So. Cal Water	301.1	1235.376	-137.300	843.6		555.6	
West End	947.7	947.714		1091.3		804.1	
Totals	12842.4	54834.0		63833.6	15611.9	14018.4	5336.4

* Maximum Export Right is 1567 acre feet under 15/85 formula

1979/80 Production
Overlying Non-Agricultural Pool

Producer	1978/79 Carryover	Share of OSY	1979/80 Production	Net Production	Carry Over	Local Storage
Ameron Steel	12.7	97.858	75.9		34.7	
Co. of San Bdo.	47.7	133.870	68.0		113.6	
Conrock Co.	317.8	317.844	0.0	0.0	317.8	635.7
Kaiser Steel	2.8	2930.274	2879.7		53.4	
Red Star Fert.	0.5	15.657	15.3		0.9	
So. Cal. Edison	612.7	982.499	2248.4	653.2		
Sp. Center	55.4	104.121	69.2		90.0	
So. Service Co.	11.3	18.789	18.4		11.7	
Sunkist	629.7	1873.402	1228.1		1275.0	
Swan Lake		464.240	354.7		109.5	
Union Carbide		427.446	405.0		22.5	
Quaker Chem.		0.0	0.4	0.4		

Totals 1690.6 7366.000 7363.1 653.6 - 2029.4 + 635.7,

*1690.6
+ 317.8 1/5*

2011.5

800811

2029.4 + 7366.000 - 7363.1 = 2011.3