

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

9-1(ii)

September 22, 1992

To: Board of Directors
From: General Manager
Subject: Operating Data for August 1992

The following tables contain August 1992 data on Metropolitan's water and power sales and purchases, treatment plant operations, reservoir storage, financial status, construction, and employment; and Los Angeles Civic Center rainfall and temperature readings.

WATER SALES

	Aug. <u>1992</u> AF	July <u>1992</u> AF	Aug. <u>1991</u> AF	Total Fiscal <u>Year to Date</u> AF
TOTAL WATER SALES	202,640	175,442	140,923	378,083
REVENUE	\$59,037,427	\$52,264,878	\$27,865,693	\$111,302,305
BASIC SERVICE	180,329	158,645	100,794	338,975
AGRICULTURAL	5,002	4,213	8,426	9,216
SPREADING	29	82	4,745	111
BARRIER INJECTION	2,944	4,739	1,664	7,684
SEASONAL STORAGE				
Spreading	10,825	5,341	2,688	16,166
Reservoir Storage	0	0	0	0
In-Lieu	256	385	746	641
RECLAIMED	3,254	2,037	1,057	5,291
TREATED	131,584	118,775	96,490	250,359
UNTREATED	67,803	54,630	43,376	122,433

(See Tables A, B, and C for details.)

METROPOLITAN'S STATE WATER PROJECT (SWP)
CHARGES AND PAYMENTS--FISCAL YEAR 1992/93

The following table shows a comparison of totals from July 1, 1992, through August 31, 1992:

<u>Components*</u>	<u>SWP Statement of Charges to Date</u>	<u>1992/93 Annual Budget to Date</u>	<u>Amount Paid to Date</u>
Capital	\$ 53,676,345	\$ 53,676,000	\$ 53,676,345
Minimum	21,989,838	21,993,000	21,989,838
Power	<u>36,863,138</u>	<u>27,356,000</u>	<u>29,857,800</u>
Total	\$ 112,529,321	\$ 103,025,000	\$ 105,523,983

* The component designations combine the Delta Water Charge and Transportation Charge components with similar names except that power charges and credits have been excluded from the minimum components and combined with other power charges and credits under the "Power" components.

** The difference between the Statement of Charges to Date and the Amount Paid to Date is due to changes in the Variable OMP&R water quantities and the application of power credits.

POWER FOR PUMPING

The following quantities of electric energy were generated for Metropolitan's pumping system in August 1992:

<u>Colorado River Energy</u>	<u>kWh</u>
Hoover Power Plant	107,272,000
Parker Power Plant	19,064,000
Southern California Edison (SCE)	
Benefit Energy	18,249,613
SCE Exchange Energy	(8,820,000)
SCE Purchased Energy	6,289,000
California Department of Water	
Resources (DWR) Purchased Energy	0
Other Purchased Energy	64,481,000
Total Generated for Metropolitan	206,536,613
Colorado River Aqueduct (CRA)	
Power Available to DWR	0
CRA Power Available to SCE	0

HYDROELECTRIC POWER RECOVERY PLANTS--FISCAL YEAR 1992/93
ENERGY AND REVENUE ACCOUNT

August 1992

<u>PLANT</u>	<u>Energy Sales (kWh)</u>		<u>Gross Energy Revenue</u>	
	<u>This Month</u>	<u>F.Y. to Date</u>	<u>This Month</u>	<u>F.Y. to Date</u>
PHASE I				
Greg Avenue	0	192,000	\$ 0.00	\$ 8,392.32
Lake Mathews	3,384,000	6,954,000	147,914.64	303,959.34
Foothill Feeder	5,976,000	11,244,000	261,210.96	491,475.24
San Dimas	6,804,000	12,312,000	297,402.84	538,157.52
Yorba Linda	846,000	3,234,000	36,978.66	141,358.14
PHASES II-IV				
Sepulveda Canyon	2,148,000	4,680,000	126,390.00	279,657.40
Venice	0	1,143,000	0.00	68,246.97
Temescal	1,641,000	3,426,000	96,893.99	209,183.66
Corona	1,692,000	3,456,000	100,729.65	212,993.16
Perris	540,000	963,000	90,967.84	134,839.29
Rio Hondo	1,038,000	2,048,000	63,080.36	127,902.08
Coyote Creek	1,563,000	2,859,000	92,894.74	174,293.40
Red Mountain	2,718,000	5,802,000	157,177.89	347,991.68
Valley View	<u>2,396,000</u>	<u>3,452,000</u>	<u>140,579.33</u>	<u>205,369.95</u>
Total	30,746,000	61,765,000	\$1,612,220.90	\$3,243,820.15

WATER QUALITY--FILTRATION PLANT EFFLUENT (Average for Month)

<u>Quality</u>		<u>Diemer</u>	<u>Jensen</u>	<u>Weymouth</u>	<u>Skinner Plant 1</u>	<u>Skinner Plant 2</u>	<u>Mills</u>
Hardness--mg/l							
as CaCO ₃	Aug. 1992	252	157	257	292	283	137
	July 1992	276	157	278	293	290	135
	Aug. 1991	304	147	309	306	313	144
Total Dissolved Solids	Aug. 1992	576	399	578	638	635	378
	July 1992	594	401	592	629	623	372
	Aug. 1991	627	370	630	634	642	406

(See Table D for Analysis of Water Supplies.)

WATER PROCESSED

			<u>Diemer</u> AF	<u>Jensen</u> AF	<u>Weymouth</u> AF	<u>Skinner</u> AF	<u>Mills</u> AF
<u>Individual Plant</u>	Aug. 1992		39,148	21,343	34,282	32,270	7,274
	July 1992		34,779	21,418	26,956	29,647	7,016
	Aug. 1991		35,735	13,294	25,710	21,681	5,322
			<u>Avg.</u> <u>Rate</u> cfs	<u>Ann.</u> <u>Diff.</u> %	<u>Treated</u> AF		<u>Total Fiscal</u> <u>Year to Date</u> AF
<u>Total all Plants</u>	Aug. 1992		2,185	+32	134,317		254,133
	July 1992		1,949	+21	119,816		119,816
	Aug. 1991		1,655	-36	101,742		200,600

RESERVOIRS

	<u>Usable</u> <u>Storage</u> %	<u>Aug.</u> <u>1992</u> AF	<u>July</u> <u>1992</u> AF	<u>Aug.</u> <u>1991</u> AF	<u>Annual</u> <u>Difference</u> AF
<u>Distribution</u>					
Lake Mathews	85	154,155	172,892	164,393	(10,238)
Lake Skinner	80	35,378	41,258	41,040	(5,662)

Colorado River Basin

Upper Basin	65	20,156,000	20,431,000	21,200,000	(1,044,000)
Lower Basin	75	21,526,000	21,466,000	21,284,000	242,000

(See Table E for details.)

State Water Project

Oroville	39	1,376,530	1,533,255	1,358,463	18,067
San Luis (State)	33	354,010	439,199	323,737	30,273
Pyramid	96	160,079	155,104	158,942	1,137
Castaic	83	251,921	278,469	292,079	(40,158)
Silverwood	94	66,502	64,275	68,096	(1,594)
Perris	89	113,855	114,324	116,497	(2,642)

Central Valley Project

Clair Engle	36	887,480	948,780	861,980	25,500
Shasta	40	1,769,110	2,075,110	1,209,610	559,500
Folsom	19	192,800	299,200	528,200	(335,400)
New Melones	5	116,300	176,300	288,500	(172,200)
San Luis (federal)	6	59,430	237,982	245,694	(186,264)

FINANCE INVESTMENT PORTFOLIO (FACE VALUE AT MATURITY)

<u>Securities</u>	<u>8-31-92 Balance</u>	<u>Percent</u>
U.S. Treasury Obligations	\$ 207,858,000	16.1
U.S. Guarantees - GNMA's	8,766,000	.7
Federal Agency Obligations	109,590,000	9.0
Repurchase Agreements	585,660,000	48.2
Bankers Acceptances	64,400,000	5.3
Commercial Paper	197,527,000	17.3
Negotiable Certificates of Deposit	27,647,000	2.3
Local Agency Investment Fund	15,000,000	1.2
California G.O. Bond (SWP)	35,000	-
Cash and Equivalents:		
Metropolitan Federal Credit Union	100,000	-
Demand Accounts	\$ 1,232,000	
Petty Cash and Draft Account	91,000	
Overnight Investments	<u>(2,884,000)</u>	<u>(.1)</u>
TOTAL	<u>\$ 1,215,022,000</u>	<u>100.0</u>

Yield Comparisons (Percent)

	<u>07-31-92</u>	<u>08-31-92</u>	
1-Year Treasury Bill	4.5	4.3	
1-Year Time Deposit	4.6	4.4	
6-Month Treasury Bill	4.3	4.1	
6-Month Time Deposit	4.3	4.1	
Portfolio Yield (Range)	4.2	4.2	(3.2% to 10.3%)

(See Table F for financial summary.)

CONSTRUCTION PROGRESS FOR AUGUST 1992

Construction operations, contract administration duties, and related support work were continued throughout the month in connection with 18 construction contracts having a contract value in excess of \$190 million. Contract earnings under these contracts were approximately \$4,135,211 during the month. Status of these contracts at the end of the month follows:

	<u>PERCENT COMPLETED</u>	<u>ESTIMATED COMPLETION</u>
Repaint Delivery Lines at Intake, Gene, and Hinds Pumping Plants	95	September 1992
Oxidation Demonstration Plant at Weymouth Facility	99	September 1992

(Cont.)	<u>PERCENT COMPLETED</u>	<u>ESTIMATED COMPLETION</u>
Roofing Renovations of Soto Street Maintenance Center Buildings	0	October 1992
Washwater Reclamation Plant Expansion at Diemer Plant	99	September 1992
Remove and Replace Underground Tanks-- Phase 3, Schedules I and II	99	October 1992
Property Fencing for the Mills Plant	22	October 1992
Site Preparations-- Jensen Plant Expansion No. 1	99	November 1992
Service Connection LA-35	36	December 1992
Modifications to Ventilation Hood System at Water Quality Laboratory	0	January 1993
Modification of Existing Domestic Water System at La Verne	0	January 1993
Joseph Jensen Filtration Plant Expansion No. 1	19	August 1994
Etiwanda Power Plant	0	November 1993
Replacement of Roofing for Softener Building No. 3 at Weymouth Filtration Plant	0	Not Established to Date

There were three construction contracts awarded during the month. The Board of Directors awarded a contract in the amount of \$15,219,400 to Kiewit Pacific Company covering site preparation for Henry J. Mills Filtration Plant Expansion No. 2 and a contract in the amount of \$2,569,690 to Tilden-Coil Constructors, Inc., covering the construction of the plant maintenance building and operations building annex at the Mills plant. The General Manager awarded a contract in the amount of \$34,785 to Pacific Southwest Roofing, Inc., for roofing renovation work for the Carbon Creek Pressure Control Structure.

There were two construction contracts completed during the month. Construction of the Etiwanda Control Facility and Reservoir was completed by the prime contractor, Advanco Constructors, on August 25, 1992, and Cass Construction, Inc. has completed construction of the Etiwanda Reservoir Emergency Discharge Conduit.

(See attached Monthly Progress Report for details.)

AUGUST RAINFALL AT LOS ANGELES CIVIC CENTER (INCHES)

During the month	0.00
Total for Season (Fiscal Year)	0.08
Normal for Season to Date	0.12
Difference from Normal	-0.04
Percent of Normal	67

AUGUST TEMPERATURES AT LOS ANGELES CIVIC CENTER (DEGREES F)

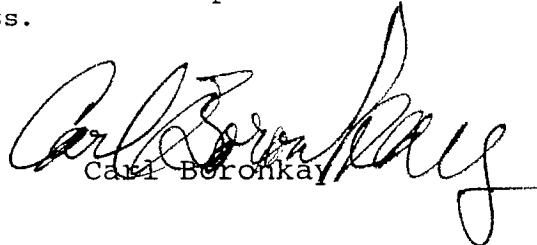
Average Maximum	88.4
Average Minimum	69.4
Average	78.9
30-Year Normal	74.7

EMPLOYMENTRegular Employees by Division/Department

	<u>Aug. 1991</u>	<u>Aug. 1992</u>	<u>Difference</u>
Engineering	320	360	+40
Operations	935	959	+24
Other Divisions and Departments	<u>620</u>	<u>703</u>	<u>+83</u>
<u>Total Regular Employees</u>	1,875	2,022	+147
<u>Full-Time Equivalent (FTE)--</u>			
<u>Temporary Employees*</u>	65	120	+55
<u>Total Headquarters Employees</u>			
Sunset Boulevard--Los Angeles	564	611	+47
Cal Plaza--Los Angeles	0	4	+4
Arroyo Parkway--Pasadena	155	189	+34
Lake Street--Pasadena	35	39	+4
<u>Minority Applicants</u>	197	733	+536**
<u>Minority New Hires</u>	12	1	-11
<u>Non-Minority Applicants</u>	143	545	+402**
<u>Non-Minority New Hires</u>	32	7	-25

* Full-Time Equivalent Positions (approximate)--based on hours worked by temporary employees.

** The significant increase resulted from implementation of the application phonemail process.


Carl Beronkay

PCA:rdl
(board\opaug-9232)
Attachments

METROPOLITAN WATER DISTRICT OF SO. CAL.
 Billing Activity Report for the Month of August 1992
 TABLE A

AGENCY	BASIC SERVICE	AGRIC	SPREADING	INJECTION (NOTE 1)	--- SEASONAL STORAGE (NOTE 2) --- RESERVOIR	IN-LIEU	SPREADING	RECLAIMED	SPECIALS (\$)	DOLLAR AMOUNT
CITY OF ANAHEIM	1900.1	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.00	554,665.00
CITY OF BURBANK	1536.5	0.0	0.0	0.0	0.0	596.4	0.0	0.0	7,500.00	630,479.00
BEVERLY HILLS	1306.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	420,660.80
CITY OF COMPTON	523.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	168,438.20
CALLEGUAS MWD	10067.3	553.9	0.0	0.0	0.0	0.0	0.0	0.0	0.00	3,420,026.40
CHINO BASIN MWD	4919.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	1,323,453.10
CENTRAL BASIN MWD	5987.7	0.0	0.0	503.7	0.0	503.7	2619.2	119.3	-26,500.00	2,594,045.70
COASTAL MWD	7504.6	0.0	0.0	0.0	0.0	0.0	0.0	90.2	0.00	2,412,110.40
EASTERN MWD	7473.3	0.0	10.3	0.0	0.0	0.0	0.0	0.0	0.00	2,429,567.70
CITY OF FULLERTON	1227.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.00	398,378.40
FOOTHILL MWD	1003.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	323,255.80
CITY OF GLENDALE	2823.4	0.0	0.0	0.0	0.0	0.0	0.0	18.9	0.00	906,224.20
CITY OF LOS ANGELES	28729.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	8,178,545.50
CITY OF LONG BEACH	5328.7	0.0	0.0	0.0	0.0	-844.0	0.0	219.6	2,500.00	1,508,863.00
LAS VIRGENES MWD	2245.1	0.0	0.0	0.0	0.0	0.0	0.0	505.9	-46,850.00	697,528.60
ORANGE COUNTY MWD	15919.4	313.3	18.9	0.0	0.0	0.0	8206.2	2174.5	0.00	6,296,414.00
CITY OF PASADENA	1018.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-53,300.05	274,656.95
THREE VALLEYS MWD	8182.5	12.3	0.0	0.0	0.0	0.0	0.0	0.0	0.00	2,539,090.90
CITY OF SANTA ANA	918.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	295,757.00
SAN DIEGO CWA	50738.5	0.0	0.0	0.0	0.0	0.0	0.0	125.3	0.00	15,062,766.50
CITY OF SAN FERNANDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
CITY OF SANTA MONICA	723.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	232,870.40
CITY OF SAN MARINO	53.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	17,259.20
CITY OF TORRANCE	1866.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	601,013.00
SAN GABRIEL VALLEY	1349.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	434,603.40
WEST BASIN MWD	12317.1	0.0	0.0	2440.5	0.0	0.0	0.0	0.0	-31,500.00	4,720,447.20
RIVERSIDE	4665.2	4110.4	0.0	0.0	0.0	0.0	0.0	0.0	0.00	2,596,057.10
SPC CONT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.00	250.00
TOTALS :	180329.4	5002.4	29.2	2944.2	0.0	256.1	10825.4	3253.7	-147,900.05	

GRAND TOTAL SALES: 202,640.4 ACRE FEET

TOTAL NET INVOICE \$ 59,037,427.45

NOTE 1: INJECTION INCLUDES SEA WATER BARRIER AND GROUND WATER REPLENISHMENT BY INJECTION.

NOTE 2: AGRICULTURAL, ADJUSTMENTS AND RECLASSIFICATIONS BY SEASONAL STORAGE (SSS) BILLING MAY BE FOR A PAST MONTH BECAUSE MUCH OF THE WATER IS CERTIFIED FOR UP TO FOUR MONTHS AFTER DELIVERY.

METROPOLITAN WATER DISTRICT OF SO. CAL.
 Year to date Water sales in A.F. to Month of August 1992
 TABLE A YEAR TO DATE

AGENCY	BASIC SERVICE	AGRIC	SPREADING	INJECTION (NOTE 1)	--- SEASONAL STORAGE (NOTE 2) --- RESERVOIR	IN-LIEU	SPREADING	RECLAIMED	SPECIALS (\$)	DOLLAR AMOUNT
CITY OF ANAHEIM	3380.1	21.7	0.0	0.0	0.0	0.0	0.0	0.0	0.00	989,066.90
CITY OF BURBANK	3495.1	0.0	0.0	0.0	0.0	596.4	0.0	0.0	7,500.00	1,261,148.20
BEVERLY HILLS	2524.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	812,728.00
CITY OF COMPTON	1011.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	325,831.80
CALLEGUAS MWD	18512.3	1055.9	0.0	0.0	0.0	0.0	0.0	0.0	0.00	6,300,864.40
CHINO BASIN MWD	10152.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60,132.00	2,774,863.50
CENTRAL BASIN MWD	12579.0	0.0	0.0	1024.9	0.0	110.9	4519.4	256.9	-35,393.50	5,089,308.20
COASTAL MWD	14361.2	0.0	0.0	0.0	0.0	0.0	0.0	309.0	0.00	4,626,462.40
EASTERN MWD	14468.6	0.0	92.1	0.0	0.0	0.0	0.0	0.0	0.00	4,724,452.90
CITY OF FULLERTON	2347.6	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.00	759,211.60
FOOTHILL MWD	1758.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	566,140.40
CITY OF GLENDALE	5339.3	0.0	0.0	0.0	0.0	0.0	0.0	107.1	0.00	1,702,761.20
CITY OF LOS ANGELES	47975.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	13,676,243.70
CITY OF LONG BEACH	8540.1	0.0	0.0	0.0	0.0	-844.0	0.0	401.7	2,500.00	2,514,890.40
LAS VIRGENES MWD	4202.7	0.0	0.0	0.0	0.0	0.0	0.0	876.9	-46,850.00	1,359,309.80
ORANGE COUNTY MWD	30409.2	646.7	18.9	0.0	0.0	0.0	11647.0	3191.0	0.00	11,465,032.10
CITY OF PASADENA	2067.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-53,300.05	612,467.15
THREE VALLEYS MWD	15270.2	43.5	0.0	0.0	0.0	0.0	0.0	0.0	0.00	4,738,441.20
CITY OF SANTA ANA	1957.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	630,315.00
SAN DIEGO CWA	98885.2	0.0	0.0	0.0	0.0	0.0	0.0	147.9	0.00	29,342,405.20
CITY OF SAN FERNANDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
CITY OF SANTA MONICA	1382.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	445,261.60
CITY OF SAN MARINO	85.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	27,466.60
CITY OF TORRANCE	3723.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	1,198,870.40
SAN GABRIEL VALLEY	2577.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	830,051.60
WEST BASIN MWD	22647.6	0.0	0.0	6658.6	0.0	777.6	0.0	0.0	-31,500.00	9,572,280.40
RIVERSIDE	9319.9	7437.8	0.0	0.0	0.0	0.0	0.0	0.0	0.00	4,956,201.30
SPC CONT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.00	250.00
TOTALS :	338974.5	9215.8	111.0	7683.5	0.0	640.9	16166.4	5290.5	-96,661.55	

GRAND TOTAL SALES: 378,082.6 ACRE FEET

TOTAL NET INVOICE \$ 111,302,055.95

NOTE 1: INJECTION INCLUDES SEA WATER BARRIER AND GROUND WATER REPLENISHMENT BY INJECTION.

NOTE 2: AGRICULTURAL, ADJUSTMENTS AND RECLASSIFICATIONS BY SEASONAL STORAGE (SSS) BILLING MAY LAG ACTUAL DELIVERIES BECAUSE MUCH OF THE WATER IS CERTIFIED FOR UP TO FOUR MONTHS AFTER DELIVERY.

METROPOLITAN WATER DISTRICT OF SO. CAL.
 WATER SALES IN ACRE-FEET FOR THE MONTH OF AUGUST 1992
 TABLE B

AGENCY	---BASIC---TREATED(NOTE)-----				AF AMOUNT	---BASIC---UNTREATED(NOTE)-----				AF AMOUNT	RECLAIMED	TOTAL AF AMOUNT
	SERVICE	AGRIC	SEASONAL	GWR		SERVICE	AGRIC	SEASONAL	GWR			
CITY OF ANAHEIM	814.5	-4.7	0.0	0.0	809.8	1085.6	7.0	0.0	0.0	1092.6	0.0	1902.4
CITY OF BURBANK	1536.5	0.0	596.4	0.0	2132.9	0.0	0.0	0.0	0.0	0.0	0.0	2132.9
BEVERLY HILLS	1306.4	0.0	0.0	0.0	1306.4	0.0	0.0	0.0	0.0	0.0	0.0	1306.4
CITY OF COMPTON	523.1	0.0	0.0	0.0	523.1	0.0	0.0	0.0	0.0	0.0	0.0	523.1
CALLEGUAS MWD	10067.3	553.9	0.0	0.0	10621.2	0.0	0.0	0.0	0.0	0.0	0.0	10621.2
CHINO BASIN MWD	0.0	0.0	0.0	0.0	0.0	4919.9	0.0	0.0	0.0	4919.9	0.0	4919.9
CENTRAL BASIN MWD	5987.7	0.0	503.7	503.7	6995.1	0.0	0.0	2619.2	0.0	2619.2	119.3	9733.6
COASTAL MWD	7504.6	0.0	0.0	0.0	7504.6	0.0	0.0	0.0	0.0	0.0	90.2	7594.8
EASTERN MWD	7858.1	0.0	0.0	0.0	7858.1	-384.8	0.0	0.0	10.3	-374.5	0.0	7483.6
CITY OF FULLERTON	1227.0	10.2	0.0	0.0	1237.2	0.0	0.0	0.0	0.0	0.0	0.0	1237.2
FOOTHILL MWD	1003.9	0.0	0.0	0.0	1003.9	0.0	0.0	0.0	0.0	0.0	0.0	1003.9
CITY OF GLENDALE	2823.4	0.0	0.0	0.0	2823.4	0.0	0.0	0.0	0.0	0.0	18.9	2842.3
CITY OF LOS ANGELES	8495.4	0.0	0.0	0.0	8495.4	20234.3	0.0	0.0	0.0	20234.3	0.0	28729.7
CITY OF LONG BEACH	5328.7	0.0	-844.0	0.0	4484.7	0.0	0.0	0.0	0.0	0.0	219.6	4704.3
LAS VIRGENES MWD	2245.1	0.0	0.0	0.0	2245.1	0.0	0.0	0.0	0.0	0.0	505.9	2751.0
ORANGE COUNTY MWD	14850.3	203.1	0.0	0.0	15053.4	1069.1	110.2	8206.2	18.9	9404.4	2174.5	26632.3
CITY OF PASADENA	1018.5	0.0	0.0	0.0	1018.5	0.0	0.0	0.0	0.0	0.0	0.0	1018.5
THREE VALLEYS MWD	6314.9	0.0	0.0	0.0	6314.9	1867.6	12.3	0.0	0.0	1879.9	0.0	8194.8
CITY OF SANTA ANA	918.5	0.0	0.0	0.0	918.5	0.0	0.0	0.0	0.0	0.0	0.0	918.5
SAN DIEGO CWA	27045.4	0.0	0.0	0.0	27045.4	23693.1	0.0	0.0	0.0	23693.1	125.3	50863.8
CITY OF SAN FERNANDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CITY OF SANTA MONICA	723.2	0.0	0.0	0.0	723.2	0.0	0.0	0.0	0.0	0.0	0.0	723.2
CITY OF SAN MARINO	53.6	0.0	0.0	0.0	53.6	0.0	0.0	0.0	0.0	0.0	0.0	53.6
CITY OF TORRANCE	1866.5	0.0	0.0	0.0	1866.5	0.0	0.0	0.0	0.0	0.0	0.0	1866.5
SAN GABRIEL VALLEY	1349.7	0.0	0.0	0.0	1349.7	0.0	0.0	0.0	0.0	0.0	0.0	1349.7
WEST BASIN MWD	12317.1	0.0	0.0	2440.5	14757.6	0.0	0.0	0.0	0.0	0.0	0.0	14757.6
RIVERSIDE	2253.7	2188.2	0.0	0.0	4441.9	2411.5	1922.2	0.0	0.0	4333.7	0.0	8775.6
SPC CONT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL:	125433.1	2950.7	256.1	2944.2	131584.1	54896.3	2051.7	10825.4	29.2	67802.6	3253.7	202640.4

NOTE: GROUND WATER REPLENISHMENT (GWR) INCLUDES SPREADING AND INJECTION. WATER DELIVERIES UNDER SPREADING ARE BILLED AS SEASONAL STORAGE DURING PERIODS THAT PROGRAM IS ACTIVE.

METROPOLITAN WATER DISTRICT OF SO. CAL.
 Year to date Water sales in A.F. to Month of August 1992
 TABLE B YEAR TO DATE

AGENCY	BASIC SERVICE	AGRIC	SPREADING	INJECTION (NOTE 1)	---- SEASONAL STORAGE (NOTE 2) ---- RESERVOIR	IN-LIEU	SPREADING	RECLAIMED	AGENCY TOTAL (A.F.)
CITY OF ANAHEIM	3380.1	21.7	0.0	0.0	0.0	0.0	0.0	0.0	3,401.8
CITY OF BURBANK	3495.1	0.0	0.0	0.0	0.0	596.4	0.0	0.0	4,091.5
BEVERLY HILLS	2524.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,524.0
CITY OF COMPTON	1011.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,011.9
CALLEGUAS MWD	18512.3	1055.9	0.0	0.0	0.0	0.0	0.0	0.0	19,568.2
CHINO BASIN MWD	10152.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,152.2
CENTRAL BASIN MWD	12579.0	0.0	0.0	1024.9	0.0	110.9	4519.4	256.9	18,491.1
COASTAL MWD	14361.2	0.0	0.0	0.0	0.0	0.0	0.0	309.0	14,670.2
EASTERN MWD	14468.6	0.0	92.1	0.0	0.0	0.0	0.0	0.0	14,560.7
CITY OF FULLERTON	2347.6	10.2	0.0	0.0	0.0	0.0	0.0	0.0	2,357.8
FOOTHILL MWD	1758.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,758.2
CITY OF GLENDALE	5339.3	0.0	0.0	0.0	0.0	0.0	0.0	107.1	5,446.4
CITY OF LOS ANGELES	47975.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	47,975.9
CITY OF LONG BEACH	8540.1	0.0	0.0	0.0	0.0	-844.0	0.0	401.7	8,097.8
LAS VIRGENES MWD	4202.7	0.0	0.0	0.0	0.0	0.0	0.0	876.9	5,079.6
ORANGE COUNTY MWD	30409.2	646.7	18.9	0.0	0.0	0.0	11647.0	3191.0	45,912.8
CITY OF PASADENA	2067.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,067.6
THREE VALLEYS MWD	15270.2	43.5	0.0	0.0	0.0	0.0	0.0	0.0	15,313.7
CITY OF SANTA ANA	1957.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,957.5
SAN DIEGO CWA	98885.2	0.0	0.0	0.0	0.0	0.0	0.0	147.9	99,033.1
CITY OF SAN FERNANDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
CITY OF SANTA MONICA	1382.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,382.8
CITY OF SAN MARINO	85.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	85.3
CITY OF TORRANCE	3723.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,723.2
SAN GABRIEL VALLEY	2577.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,577.8
WEST BASIN MWD	22647.6	0.0	0.0	6658.6	0.0	777.6	0.0	0.0	30,083.8
RIVERSIDE	9319.9	7437.8	0.0	0.0	0.0	0.0	0.0	0.0	16,757.7
SPC CONT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTALS :	338974.5	9215.8	111.0	7683.5	0.0	640.9	16166.4	5290.5	
									GRAND TOTAL SALES (A.F.) 378,082.6

NOTE 1: INJECTION INCLUDES SEA WATER BARRIER AND GROUND WATER REPLENISHMENT BY INJECTION.

NOTE 2: AGRICULTURAL, ADJUSTMENTS AND RECLASSIFICATIONS BY SEASONAL STORAGE (SSS) BILLING MAY LAG ACTUAL DELIVERIES BECAUSE MUCH OF THE WATER IS CERTIFIED FOR UP TO FOUR MONTHS AFTER DELIVERY.

NOTE 3: THIS REPORT WILL NOT REFLECT INTERRUPTIBLE TRANSACTIONS THAT OCCURRED PRIOR TO JULY 1992.

METROPOLITAN WATER DISTRICT OF SO. CAL.
 WATER SALES IN DOLLARS FOR THE MONTH OF AUGUST 1992
 TABLE C

AGENCY	---BASIC---TREATED(NOTE)-----				DOLLAR AMOUNT	--BASIC---UNTREATED(NOTE)-----				DOLLAR AMOUNT RECLAIMED	SPECIAL	TOT DOLLAR (\$) AMOUNT	
	SERVICE	AGRIC	SEASONAL	GWR		SERVICE	AGRIC	SEASONAL	GWR				
CITY OF ANAHEIM	261701	-946	0	0	260755	292026	1883	0	0	293909	0	0	554665
CITY OF BURBANK	531133	0	91845	0	622979	0	0	0	0	0	0	7500	630479
BEVERLY HILLS	420660	0	0	0	420660	0	0	0	0	0	0	0	420660
CITY OF COMPTON	168438	0	0	0	168438	0	0	0	0	0	0	0	168438
CALLEGUAS MWD	3256231	163795	0	0	3420026	0	0	0	0	0	0	0	3420026
CHINO BASIN MWD	0	0	0	0	0	1323453	0	0	0	1323453	0	0	1323453
CENTRAL BASIN MWD	1958765	0	77935	162191	2198892	0	440025	0	0	440025	-18372	-26500	2594045
COASTAL MWD	2416481	0	0	0	2416481	0	0	0	0	0	-4370	0	2412110
EASTERN MWD	2530308	0	0	0	2530308	-103511	0	0	2770	-100740	0	0	2429567
CITY OF FULLERTON	395094	3284	0	0	398378	0	0	0	0	0	0	0	398378
FOOTHILL MWD	323255	0	0	0	323255	0	0	0	0	0	0	0	323255
CITY OF GLENDALE	909134	0	0	0	909134	0	0	0	0	0	-2910	0	906224
CITY OF LOS ANGELES	2735518	0	0	0	2735518	5443026	0	0	0	5443026	0	0	8178545
CITY OF LONG BEACH	1664357	0	-124176	0	1540181	0	0	0	0	0	-33818	2500	1508863
LAS VIRGENES MWD	722922	0	0	0	722922	0	0	0	0	0	21456	-46850	697528
ORANGE COUNTY MWD	4782479	64715	0	0	4847194	287587	29643	1378641	5084	1700957	-251738	0	6296414
CITY OF PASADENA	327957	0	0	0	327957	0	0	0	0	0	0	-53300	274656
THREE VALLEYS MWD	2033397	0	0	0	2033397	502384	3308	0	0	505693	0	0	2539090
CITY OF SANTA ANA	295757	0	0	0	295757	0	0	0	0	0	0	0	295757
SAN DIEGO CWA	8708618	0	0	0	8708618	6373443	0	0	0	6373443	-19296	0	15062766
CITY OF SAN FERNANDO	0	0	0	0	0	0	0	0	0	0	0	0	0
CITY OF SANTA MONICA	232870	0	0	0	232870	0	0	0	0	0	0	0	232870
CITY OF SAN MARINO	17259	0	0	0	17259	0	0	0	0	0	0	0	17259
CITY OF TORRANCE	601013	0	0	0	601013	0	0	0	0	0	0	0	601013
SAN GABRIEL VALLEY	434603	0	0	0	434603	0	0	0	0	0	0	0	434603
WEST BASIN MWD	3966106	0	0	785841	4751947	0	0	0	0	0	0	-31500	4720447
RIVERSIDE	725691	704600	0	0	1430291	648693	517071	0	0	1165765	0	0	2596057
SPC CONT	0	0	0	0	0	0	0	0	0	0	0	250	250
TOTAL:	40419756	935448	45605	948032	\$42348843	14767104	551907	1818667	7854	\$17145534	-309050	-147900	\$59037427

NOTE: GROUND WATER REPLENISHMENT (GWR) INCLUDES SPREADING AND INJECTION. WATER DELIVERIES UNDER SPREADING ARE BILLED AS SEASONAL STORAGE DURING PERIODS THAT PROGRAM IS ACTIVE.

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

TABLE D
ANALYSES OF THE DISTRICT WATER SUPPLIES

JULY 1992 CONSTITUENTS	SYMBOLS AND UNITS	SOURCE WATERS							FILTRATION PLANT EFFLUENTS					
		LAKE HAVASU NEAR WHIT- SETT INTAKE	SAN JACINTO TUNNEL WEST PORTAL	LAKE MATH- EWS	CASTAIC LAKE	SILVER- WOOD LAKE	LAKE PERRIS	LAKE SKINNER	WEY- MOUTH PLANT	DIEMER PLANT	JENSEN PLANT	SKINNER PLANT NO. 1	SKINNER PLANT NO. 2	MILLS PLANT
MONTH OR DAY OF SAMPLING		7/7/92	7/6/92	7/6/92	July 92	7/6/92	7/6/92	July 92	July 92	July 92	July 92	July 92	July 92	July 92
SILICA	SiO ₂ mg/L	8.7	8.5	8.8	16.1	17.2	1.5	9.4	10.5	11.2	15.6	8.9	8.8	16.5
CALCIUM	Ca mg/L	80	78	76	34	27	26	71	67	66	34	71	70	27
MAGNESIUM	Mg mg/L	29.5	29.5	30.5	17.5	16	18	28.5	27	27	17.5	28	28	16.5
SODIUM	Na mg/L	100	99	100	79	76	84	98	94	92	81	98	96	79
POTASSIUM	K mg/L	4.5	4.7	5.0	3.8	4.1	4.6	4.5	4.4	4.4	3.7	4.6	4.5	3.9
CARBONATE	CO ₃ mg/L	0	0	0	0	0	2	1	0	0	0	0	0	0
BICARBONATE	HCO ₃ mg/L	163	165	162	113	102	122	154	143	148	115	154	154	101
SULFATE	SO ₄ mg/L	265	266	265	84	70	50	246	224	225	85	248	248	71
CHLORIDE	Cl mg/L	85	83	86	100	98	120	90	92	93	104	93	90	104
NITRATE	NO ₃ mg/L	0.85	0.75	0.65	2.35	3.4	0.1	0.45	1.1	1.0	2.35	0.5	0.5	3.6
FLUORIDE	F mg/L	0.34	0.32	0.31	0.22	0.13	0.18	0.28	0.22	0.22	0.21	0.21	0.24	0.12
BORON	B mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL DISSOLVED SOLIDS	TDS mg/L	656	652	653	394	363	368	626	592	594	401	629	623	372
TOTAL HARDNESS AS CaCO ₃	mg/L	321	316	315	157	133	139	295	278	276	157	293	290	135
TOTAL ALKALINITY AS CaCO ₃	mg/L	134	135	133	93	84	104	128	117	121	94	126	126	83
FREE CARBON DIOXIDE	CO ₂ mg/L	2.7	1.4	1.6	3.6	1.6	0.7	1.2	3.3	3.6	1.6	3.7	3.9	1.1
H+ CONCENTRATION	pH pH	8.00	8.28	8.22	7.72	8.03	8.47	8.34	7.86	7.84	8.09	7.84	7.82	8.19
SPECIFIC CONDUCTANCE	µmho/cm	1061	1058	1056	714	664	719	1028	986	986	728	1026	1026	690
FILTER EFFLUENT TURBIDITY	NTU	-	-	-	-	-	-	-	0.09	0.09	0.08	0.11	-	0.10
TURBIDITY	NTU	0.63	0.85	0.50	1.2	4.8	0.41	2.3	0.09	0.09	0.08	0.10	0.10	0.10
TEMPERATURE	°C	25	26	22	15	22	27	26	22	23	15	26	26	25
BROMIDE	Br mg/L	0.04	0.08	0.09	0.31	0.28	0.39	0.04	-	-	-	-	-	-
TOTAL TRIHALOMETHANES	TTHMs µg/L	-	-	-	-	-	-	-	66	59	83	52	45	151
PCT. STATE PROJECT WATER	% SPW %	0	0	0	100	100	100	10	20	20	100	10	10	100

TABLE E. GENERAL MANAGER'S MONTHLY REPORT

Aug 1992

Storage in Colorado River Basin Reservoirs at End of Month

(1,000 acre-feet)

Reservo	Usable Contents Above Lowest Outlet	Percent of Usable Capacity	Usable Contents Above Min. Power Head	Change * in Contents During Month	Change * in Contents Since Aug 1991
<i>Upper Basin</i>					
Fontenelle	195	57	0	(12)	(139)
Flaming Gorge	3,159	84	2,926	(51)	(262)
Blue Mesa	659	79	578	273	(102)
Morrow Point	112	96	37	1	(1)
Crystal	16	91	5	(1)	(1)
Navajo	1,587	94	---	1	23
Powell	14,428	59	10,431	(486)	(562)
Subtot	20,156	65	13,977	(275)	(1,044)
<i>Lower Basin</i>					
Mead	19,307	74	9,283	(42)	86
Mohave	1,639	91	1,422	117	155
Havasu	580	94	141	(15)	1
Subtot	21,526	75	10,846	60	242
Basin To	41,682	70	24,823	(215)	(802)

* Numbers within () are negative numbers.

TABLE F
 FINANCIAL SUMMARY
 FISCAL YEAR 1992-93
 CASH BASIS
 (\$ in millions)

	ACTUAL THROUGH AUG. 1992	BUDGET THROUGH AUG. 1992	VARIANCE DOLLARS + / (-)	PROJECTED YEAR END	ANNUAL BUDGET	VARIANCE DOLLARS + / (-)
<u>RECEIPTS</u>						
WATER SALES*	80.3	72.6	7.7	537.2	528.1	9.1
TAXES	3.2	6.2	(3.0)	82.0	85.0	(3.0)
INTEREST AND OTHER	6.7	11.0	(4.3)	36.5	40.8	(4.3)
POWER RECOVERIES	4.0	4.5	(0.5)	19.4	20.0	(0.6)
ADDITIONAL REVENUES	0.0	0.0	0.0	25.0	50.0	(25.0)
TOTAL RECEIPTS	<u>94.2</u>	<u>94.3</u>	<u>(0.1)</u>	<u>700.1</u>	<u>723.9</u>	<u>(23.8)</u>
<u>EXPENDITURES</u>						
STATE WATER CONTRACT	105.5	103.0	2.5	326.1	334.4	(8.3)
STATE WATER BANK	0.4	0.0	0.4	0.4	0.8	(0.4)
COLORADO RIVER SUPPLIES	12.6	17.0	(4.4)	71.7	73.3	(1.6)
MWD CAPITAL PROGRAM	24.4	21.4	3.0	121.1	118.0	3.1
MWD O&M	36.9	43.9	(7.0)	229.5	236.6	(7.1)
LESS REIMBURSEMENTS	(1.6)	0.0	(1.6)	(1.6)	0.0	(1.6)
TOTAL EXPENDITURES	<u>178.2</u>	<u>185.3</u>	<u>(7.1)</u>	<u>747.2</u>	<u>763.1</u>	<u>(15.9)</u>
INCREASE (DECREASE) IN CASH AND INVESTMENTS	<u>(84.0)</u>	<u>(91.0)</u>	<u>7.0</u>	<u>(47.1)</u>	<u>(39.3)</u>	<u>(7.9)</u>
<u>ACRE-FEET SALES IN THOUSANDS</u>						
	<u>ACTUAL</u>	<u>BUDGETED</u>	<u>DIFFERENCE</u>			
CUMULATIVE MAY-JUNE*	333.0	302.0	31.0			
JULY SALES	175.4	188.8	(13.4)			
AUGUST SALES	202.6	184.5	18.1			
TOTAL PROJECTED SALES	<u>2,049.8</u>	<u>2,014.0</u>	<u>35.8</u>			

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

**MONTHLY PROGRESS REPORT
OF CONSTRUCTION AND PROCUREMENT CONTRACTS**

August 1992

SUMMARY OF PROGRESS

	<u>Construction Contracts</u>	<u>Procurement Contracts</u>
Number of Contracts	18	6
Total Bid Amount of Contracts in Progress	\$ 190,179,555	\$ 13,879,478
Number of Contracts Awarded this Month	3	0
Total Bid Amount of Contracts Awarded this Month	17,823,825	0
Contract Gross Earnings this Month	4,135,211	724,047

There were two construction contractors awarded by the Board of Directors during the month of August 1992. Contract No. 1410, in the amount of \$15,219,400, was awarded to Kiewit Pacific Company covering Site Preparation for Henry J. Mills Filtration Plant Expansion No. 2 and Contract No. 1411 was awarded to Tilden-Coil Constructors, Inc., in the amount of \$2,569,690 covering the Henry J. Mills Filtration Plant Maintenance Building and Operations Building Annex. A third Contract No. 1406, in the amount of \$34,785 was awarded by the General manager covering Roofing Renovation Work for the Carbon Creek Pressure Control Structure to Pacific Southwest Roofing, Inc.

Two construction contracts were completed during the month of August 1992. Construction of the Etiwanda Control Facility and Reservoir, under Contract No. 1370, was completed by the prime contractor, Advanco Constructors, and accepted by District forces on August 25, 1992. Contract No. 1394 covering construction of Etiwanda Emergency Discharge Conduit was also completed by Cass Construction, Inc., and accepted by District forces.

A tabular summary of current construction contracts is included as pages 3 and 4 of this report. Details of the status of current construction contracts are shown on pages 7 through 24 of this report.

Tabular summaries of construction contracts completed this month and of construction contracts which have been completed but have final payments pending are included on page 6 of this report.

There were no procurement contracts awarded or completed during the month of August 1992.

A tabular summary of procurement contracts is included on page 5 of this report.

CONTENTS

<u>DESCRIPTION</u>	<u>PAGE</u>
Summary of Construction Contracts	3
Summary of Procurement Contracts	5
Summary of Construction Contracts Completed During the Month	6
Oxidation Demonstration Plant Specs. No. 1203--Contract No. 1369	7
Etiwanda Control Facility and Reservoir Specs. No. 1179--Contract No. 1370	8
Etiwanda Reservoir Emergency Discharge Conduit Specs. No. 1209--Contract No. 1394	9
Etiwanda Power Plant Specs. No. 1230--Contract No. 1408	10
Washwater Reclamation Plant Expansion at Diemer Plant Specs. No. 1180--Contract No. 1375	11
Jensen Plant Expansion No. 1 Specs. No. 1200--Contract No. 1393	12
Site Preparation for Jensen Plant Expansion Specs. No. 1199--Contract No. 1380	13
Service Connection LA-35 Specs. No. 1225--Contract No. 1397	14
Site Preparation for Henry J. Mills Filtration Plant Expansion No. 2 Specs. No. 1237--Contract No. 1410	15
Maintenance Building and Operations Building Annex at Mills Plant Specs. No. 1192A--Contract No. 1411	16
Property Fencing at Mills Plant Specs. No. 1241--Contract No. 1402	17
Remove and Replace Tanks--Phase 3, Sch. I, II Specs. No. 1194--Contract No. 1373	18
Repaint Delivery Lines at CRA Pumping Plants Specs. No. 1215--Contract No. 1390	19
Roofing Renovations of the Soto Street Maintenance Center Buildings Specs. No. 1243--Contract No. 1404	20
Modifications of Domestic Water System at La Verne Facilities Specs. No. 1229--Contract No. 1405	21
Modifications to Ventilation Hood System at Water Quality Laboratory Specs. No. 1224--Contract No. 1406	22
Replace Roofing for Softener Building No. 3 at Weymouth Plant Specs. No. 1249A--Contract No. 1407	23
Roofing Renovations Work at Carbon Creek Pressure Control Structure Specs. No. 1224 or Contract No. 1409	24

THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

SUMMARY OF CONSTRUCTION CONTRACTS

Cont. No.	Spec. No.	Feature	Contractor	Bid Amount	Earnings This Month	Earnings To Date	Start Date	Contract Completion Date	Estimated Completion Date	Estimated Percent Complete	Percent Contract Time Elapsed
1369	1203	Oxidation Demonstration Plant at Weymouth	Merco Construction Engineers, Inc.	\$ 12,204,000	\$ 22,000	\$ 12,732,774	5/01/90	7/24/91	9/92	99	100
1408	1230	Etiwanda Power Plant	Advanco Constructors	3,820,000	0	0	8/28/92	11/3/93	11/93	0	0
1375	1178	Washwater Reclamation Expansion at Diemer	Kaweah Construction Company	6,715,000	249,032	8,287,669	8/28/90	12/04/91	9/92	99	100
1293	1200	Joseph Jensen Filtration Plant Expansion No. 1	Hyman/JWP West, A Joint Venture	101,986,000	3,100,116	19,072,243	9/05/91	8/16/94	8/94	19	31
1380	1199	Site Preparation Jensen Plant--Exp.	C. A. Rasmussen, Inc.	16,231,227	128,721	17,996,888	12/03/90	11/06/92	11/92	99	88
1397	1225	Service Connection LA-35	Dillingham Construction N.A., Inc.	4,246,000	417,353	1,545,118	11/13/91	12/08/92	12/92	36	75
1410	1237	Site Preparation for Henry J. Mills Filtration Plant for Expansion No. 2	Kiewit Pacific Company	15,219,400	-	-	-	-	-	-	-
1411	1192A	Maintenance Building and Operations Building Annex at Mills Plant	Tilden-Coil Constructors, Inc.	2,569,690	-	-	-	-	-	-	-
1402	1241	Property Fencing at Henry J. Mills Filtration Plant	Anchor Fence, PPA Industries, Inc.	469,000	103,615	103,615	5/24/92	10/22/92	10/92	22	71
1373	1194	Remove and Replace Underground Tanks	Long and Company Environmental	634,999	9,337	953,746	10/04/90	4/11/91	10/92	99	100
1390	1215	Repaint Delivery Lines at CRA Pumping Plants	Jess B. Worthington, Inc.	285,693	11,193	272,561	5/10/91	6/05/92	9/92	95	93

THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

SUMMARY OF CONSTRUCTION CONTRACTS

Cont. No.	Spec. No.	Feature	Contractor	Bid Amount	Earnings This Month	Earnings To Date	Start Date	Contract Completion Date	Estimated Completion Date	Estimated Percent Complete	Percent Contract Time Elapsed
1404	1243	Roofing Renovation of Soto Street Maintenance Center Buildings	Pacific Southwest Roofing, Inc.	\$ 73,399	0	0	6/23/92	9/16/92	9/92	0	90
1405	1229	Modification to Domestic Water System at La Verne Facilities	A. S. Peich, Inc.	283,110	0	0	8/19/92	1/13/93	1/93	0	02
1406	1224	Modification to Ventilation Hood System at Water Quality Laboratory	Sanders Engineering Co., Inc.	227,887	0	0	8/25/92	1/6/93	1/93	0	--
1409	1224	Roofing Renovation Work at Carbon Creek Pressure Control Structure	Pacific Southwest Roofing, Inc.	34,785	-	-	-	-	-	-	-
1407	1249A	Replacement Roofing for Softener Building No. 3 at Weymouth Plant	Letner Roofing Company, Inc.	108,245	--	--	--	--	--	--	--

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August 1992

THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

SUMMARY OF PROCUREMENT CONTRACTS

Cont. No.	Spec. No.	Equipment or Material	Contractor	Contract Price	Earnings This Month	Earnings To Date	Starting Date	Delivery Date	Remarks
1355	1146	Conical Plug Valves for Etiwanda Control Facility and Power Plant	Willamette Valve Co., Inc.	\$ 3,999,978	—	\$ 3,904,583	7/28/89	2/22/91	
1389	1223	Four Conical Plug Valves for Santa Margarita Pipeline	Ebara International Corporation	1,540,000	—	—	4/24/91	7/19/92	
1396	1207	Four Computer-Based Control Systems	JWP Controls	6,670,000	—	388,200	3/12/92	—	
1398	1232	Electric Motor-Operated Slide Gate for Service Connection LA-35	Marubeni America Corporation	370,500	—	—	11/07/91	8/13/92	
1400	1245	Fabricated Pipe and Fittings for Mills Filtration Plant Expansion No. 2	Ameron, Inc.	1,050,000	724,047	724,047	2/19/92	8/31/92	
1403	1240	Nine Hydrofoil Flocculators for Jensen Expansion No. 1	Chemineer, Inc.	249,000	—	—	6/02/92	1/27/93	

THE METROPOLITAN WATER DISTRICT
OF SOUTHERN CALIFORNIA

SUMMARY OF CONSTRUCTION CONTRACTS COMPLETED THIS MONTH

Cont. No.	Spec. No.	Feature	Contractor	Bid Amount	Estimated Final Earnings	Date Work Accepted	Date Notice of Completion Recorded	Date Final Payment Due
1370	1179	Etiwanda Control Facility and Reservoir	Advanco Constructors	\$ 22,492,000	\$ 22,550,000	8/25/92	8/31/92	10/5/92
1394	1209	Etiwanda Reservoir Emergency Discharge Conduit	Cass Construction, Inc.	\$ 2,579,120	\$ 2,615,478	7/29/92	8/26/92	10/1/92

SUMMARY OF CONSTRUCTION CONTRACTS WHICH HAVE BEEN COMPLETED BUT HAVE FINAL PAYMENTS PENDING

Cont. No.	Spec. No.	Feature	Contractor	Bid Amount	Estimated Final Earnings	Date Work Accepted	Date Notice of Completion Recorded	Date Final Payment Due
1359	1147A	San Diego Canal Enlargement	Kiewit Pacific Company	\$ 30,794,318		9/10/91	10/01/91	11/05/91*

* Final payment pending settlement of various claims and credits

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Oxidation Demonstration Plant at the F. E. Weymouth Filtration Plant		
CONTRACTOR	Merco Construction Engineers, Inc.		
SPECIFICATIONS NO.	1203	BID	\$ 12,204,000
CONTRACT NO.	1369	EXTRA WORK TO DATE	613,403
CONTRACT STARTING DATE	May 1, 1990	EARNINGS THIS MONTH	22,000
CONTRACT COMPLETION DATE	July 24, 1991	EARNINGS TO DATE	12,732,774
ESTIMATED COMPLETION DATE	September 1992	ESTIMATED PERCENT COMPLETE	99
		PERCENT CONTRACT TIME ELAPSED	100

SCOPE OF WORK

Construction of a 5.5-million-gallon-per-day water treatment plant to be utilized for the purpose of demonstrating the performance of several water treatment processes located at the F. E. Weymouth Filtration Plant, 700 North Moreno Avenue, La Verne, California.

CONSTRUCTION PROGRESS

Work was continued on the punch list items previously submitted to the prime contractor for correction and/or repair.

Sound control enclosures were installed to correct noise problems in connection with the air preparation and ozone distrupt systems.

Remedial work to correct soils and pavement subsidence in the area located adjacent to the clearwell area was completed during the month.

Various spare parts and supplies were delivered to the plant for maintenance of the distribution control system.

Work remaining to be completed consists of restoration of the access road damaged during construction operations and final delivery of remaining spare parts and as-built drawings.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Etiwanda Control Facility and Reservoir		
CONTRACTOR	Advanco Constructors		
SPECIFICATIONS NO.	1179	BID	\$ 22,492,000
CONTRACT NO.	1370	EXTRA WORK TO DATE	464,900
CONTRACT STARTING DATE	June 20, 1990	EARNINGS THIS MONTH	76,784
CONTRACT COMPLETION DATE	June 1, 1992	EARNINGS TO DATE	22,935,542
ACTUAL COMPLETION DATE	August 25, 1992	ESTIMATED PERCENT COMPLETE	100
		PERCENT CONTRACT TIME ELAPSED	100

SCOPE OF WORK

Construction of a 450 acre-foot reservoir, control facility building, and other appurtenant work located at the intersection of Arrow Highway and Etiwanda Boulevard in the City of Rancho Cucamonga, California.

CONSTRUCTION PROGRESS

All work required under the contract was completed by the prime contractor, Advanco Constructors, and accepted by District personnel on August 25, 1992.

The Notice of Completion was filed by the Riverside County Recorder on August 31, 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Etiwanda Reservoir Emergency Discharge Conduit		
CONTRACTOR	Cass Construction, Inc.		
SPECIFICATIONS NO.	1209	BID	\$ 2,579,120
CONTRACT NO.	1394	EXTRA WORK TO DATE	36,352
CONTRACT STARTING DATE	September 14, 1991	EARNINGS THIS MONTH	17,000
CONTRACT COMPLETION DATE	July 13, 1992	EARNINGS TO DATE	2,615,478
ACTUAL COMPLETION DATE	July 29, 1992	ESTIMATED PERCENT COMPLETE	100
		PERCENT CONTRACT TIME ELAPSED	100

SCOPE OF WORK

Construction of approximately 3,800 feet of reinforced concrete box conduit and appurtenant work located at the intersection of Arrow Highway and Etiwanda Boulevard in the City of Rancho Cucamonga, California.

CONSTRUCTION PROGRESS

All work required under the contract has been completed by the prime contractor, Cass Construction, Inc. and accepted by District personnel.

The required Notice of Completion was recorded by the Riverside County Recorder on August 26, 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Etiwanda Power Plant		
CONTRACTOR	Advanco Constructors		
SPECIFICATIONS NO.	1230	BID	\$ 3,820,000
CONTRACT NO.	1408	EXTRA WORK TO DATE	0
CONTRACT STARTING DATE	August 31, 1992	EARNINGS THIS MONTH	0
CONTRACT COMPLETION DATE	November 4, 1993	EARNINGS TO DATE	0
ESTIMATED COMPLETION DATE	November 1993	ESTIMATED PERCENT COMPLETE	0
		PERCENT CONTRACT TIME ELAPSED	0

SCOPE OF WORK

Construction of a power plant with a 25,200 kVA A.C. generator, maintenance building, a switchyard, and all appurtenant work located near the intersection of Arrow Highway and Etiwanda Avenue in the City of Rancho Cucamonga, California, Riverside County.

CONSTRUCTION PROGRESS

The prime contractor has started submitting certain required shop drawings, engineering information and calculations, and catalog data sheets for District review and approval.

The contractor received the Notice to Proceed on August 31, 1992. No field work has been started to date.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Washwater Reclamation Plant Expansion at the Robert B. Diemer Filtration Plant		
CONTRACTOR	Kaweah Construction Company		
SPECIFICATIONS NO.	1178	BID	\$ 6,714,000
CONTRACT NO.	1375	EXTRA WORK TO DATE	1,615,698
CONTRACT STARTING DATE	August 28, 1990	EARNINGS THIS MONTH	249,032
CONTRACT COMPLETION DATE	December 4, 1991	EARNINGS TO DATE	8,287,699
ESTIMATED COMPLETION DATE	September 1992	ESTIMATED PERCENT COMPLETE	99
		PERCENT CONTRACT TIME ELAPSED	100

SCOPE OF WORK

Construction of a 25-million-gallon-per-day washwater reclamation facility and appurtenant work as an expansion of existing treatment facilities at 3972 Valley View Avenue, Yorba Linda, Orange County, California.

CONSTRUCTION PROGRESS

Work was continued throughout the month on the correction and/or repair of punch list items previously submitted to the prime contractor.

Functional testing of plant operating systems was in progress throughout the month as required. Validation testing of the new plant system to verify that each system is operational and performing its intended function within defined system tolerance remains to be accomplished.

Other activities also in progress during the month consisted of preparations to place asphalt concrete pavement along the plant access road, and painting of equipment, piping, and hand railing throughout the project.

Work that remains to be completed consists of asphalt concrete paving and hydroseeding operations. The contractor expects to complete all remaining contract work during the month of September 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Joseph Jensen Filtration Plant--Expansion No. 1		
CONTRACTOR	Hyman/JWP West, A Joint Venture		
SPECIFICATIONS NO.	1200	BID	\$ 101,986,000
CONTRACT NO.	1393	EXTRA WORK TO DATE	0
CONTRACT STARTING DATE	September 5, 1991	EARNINGS THIS MONTH	3,100,116
CONTRACT COMPLETION DATE	August 16, 1994	EARNINGS TO DATE	19,072,243
ESTIMATED COMPLETION DATE	August 1994	ESTIMATED PERCENT COMPLETE	19
		PERCENT CONTRACT TIME ELAPSED	31

SCOPE OF WORK

Construction of 510-million-gallon-per-day expansion of the existing plant including influent and effluent pipelines, filter modules, flocculation basins, chemical mixing storage facilities, plant control units, washwater reclamation facilities, finished water reservoirs, and appurtenant work location at 13100 Balboa Boulevard, Granada Hills, California.

CONSTRUCTION PROGRESS

Erection of forms and placement of reinforcing steel and concrete were in progress throughout the month for various portions of Filter Modules Nos 2 and 3, the Washwater Reclamation Plant No. 2, and finished Water Reservoir No. 2. Approximately 5200 cubic yards of concrete was placed during the month.

Installation of the subdrain system continued throughout the month in Filter Modules Nos 2 and 3 and was started in Finished Water Reservoir No. 2.

Placement of crushed rock for subgrade of the basins in Module Nos 2 and 3 was continued during the month. Excavation was also continued in Finished Water Reservoir No. 2 throughout the month.

Installation of conduits, embedded conduit supports, and ground wire continued throughout the month in Module No. 2 and installation of ground wire was started in Module No. 3. Excavation for electrical duct banks and handholes continued throughout the site.

Contractor personnel, including employees of subcontractors, averaged 168 persons during the month of August 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Site Preparation for the Joseph Filtration Plant Expansion No. 1		
CONTRACTOR	C. A. Rasmussen, Inc.		
SPECIFICATIONS NO.	1199	BID	\$ 16,251,954
CONTRACT NO.	1380	EXTRA WORK TO DATE	1,877,833
CONTRACT STARTING DATE	December 3, 1990	EARNINGS THIS MONTH	128,721
CONTRACT COMPLETION DATE	November 6, 1992	EARNINGS TO DATE	17,996,888
ESTIMATED COMPLETION DATE	November 1992	ESTIMATED PERCENT COMPLETE	99
		PERCENT CONTRACT TIME ELAPSED	88

SCOPE OF WORK

Excavation, installation of industrial sludge and sanitary sewer lines, relocation of existing underground utility lines, site preparations and landscaping, and appurtenant work for Expansion No. 1 of the Jensen plant located at 13100 Balboa Boulevard, Granada Hills, California.

CONSTRUCTION PROGRESS

Hydrostatic testing of the 144-inch-diameter effluent pipeline No. 2 was successfully completed during the month.

Installation of light standards was conducted throughout the month. Removal of temporary overhead wiring and poles was started during the month. Installation of manholes, handholes, and conduit for electrical duct banks was also continued during the month as required.

Installation of required permanent fencing was started during the month.

Painting operations were continued throughout the jobsite as required during the month.

Cleanup operations were continued throughout the jobsite. The office trailers and fuel storage tanks were also removed from the jobsite during the month.

Contractor personnel, including employees of subcontractors, averaged 8 persons during the month of August 1992.

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Service Connection LA-35		
CONTRACTOR	Dillingham Construction N.A., Inc.		
SPECIFICATIONS NO.	1225	BID	\$ 4,246,000
CONTRACT NO.	1397	EXTRA WORK TO DATE	42,050
CONTRACT STARTING DATE	November 13, 1991	EARNINGS THIS MONTH	417,353
CONTRACT COMPLETION DATE	December 8, 1992	EARNINGS TO DATE	1,545,118
ESTIMATED COMPLETION DATE	December 1992	ESTIMATED PERCENT COMPLETE	36
		PERCENT CONTRACT TIME ELAPSED	75

SCOPE OF WORK

Construction of a service connection between the existing Balboa Inlet Tunnel and Los Angeles Department of Water and Power High Speed Channel which includes the removal of a 32-foot length of the tunnel and installation of a concrete enclosed steel wye branch, 43 feet of 109-inch-diameter welded-steel pipe, 900 feet of 91-inch-diameter steel pipeline, and appurtenances.

CONSTRUCTION PROGRESS

Erection of the temporary support system and dewatering of the Department of Water and Powers 96-inch-diameter penstock were completed during the month. Placement of concrete for the slab-on-grade at the discharge structure was also completed during the month.

Installation of required trench shoring for the penstock undercrossing at San Fernando Creek was started during the month.

Two dewatering wells were installed along the west side of the discharge structure during the month.

Erection of forms and placement of reinforcing steel were completed for the slab-on-grade and first lift of walls of the discharge structure were completed during the month.

Installation of the required pipe sections between the turnout structure from the Balboa Inlet Tunnel and the 108-inch-diameter District - furnished butterfly valve was started during the month.

Contractor personnel, including employees of subcontractors, averaged 11 persons during the month of August 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Site Preparation for Henry J. Mills Filtration Plant Expansion No. 2		
CONTRACTOR	Kiewit Pacific Company		
SPECIFICATIONS NO.	1237	BID	\$ 15,219,400
CONTRACT NO.	1410	EXTRA WORK TO DATE	-
CONTRACT STARTING DATE	-	EARNINGS THIS MONTH	-
CONTRACT COMPLETION DATE	-	EARNINGS TO DATE	-
ESTIMATED COMPLETION DATE	-	ESTIMATED PERCENT COMPLETE	-
		PERCENT CONTRACT TIME ELAPSED	-

SCOPE OF WORK

Excavation, installation of District - furnished equipment including large diameter pipe, remove and install pipelines, site preparation and grading, construction of an under drain system, and other appurtenances work for Expansion No. 2 of the Henry J. Mills Filtration Plant at 550 East Allesandro Boulevard, Riverside, California.

CONSTRUCTION PROGRESS

Contract No. 1410 covering site preparation for the Henry J. Mills Filtration Plant Expansion No. 2 was awarded to Kiewit Pacific Company by the Board of Directors on August 19, 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Maintenance Building and Operations Building Annex at Henry J. Mills Filtration Plant		
CONTRACTOR	Tilden-Coil Constructors, Inc.		
SPECIFICATIONS NO.	1192A	BID	\$ 2,569,690
CONTRACT NO.	1411	EXTRA WORK TO DATE	-
CONTRACT STARTING DATE	-	EARNINGS THIS MONTH	-
CONTRACT COMPLETION DATE	-	EARNINGS TO DATE	-
ESTIMATED COMPLETION DATE	-	ESTIMATED PERCENT COMPLETE	-
		PERCENT CONTRACT TIME ELAPSED	-

SCOPE OF WORK

Construction of an approximately 7,700 square foot addition to the existing Operations Building and construction of an approximately 9,600 square foot new Maintenance Building and all appurtenance work located at 550 East Alessandro Boulevard in the City of Riverside, California.

CONSTRUCTION PROGRESS

The Board of Directors awarded Contract No. 1410 to Tilden-Coil Constructors, Inc. covering construction of the Maintenance Building and Operations Building Annex at the Henry J. Mills Filtration Plant on August 19, 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Property Fencing at the Henry J. Mills Filtration Plant		
CONTRACTOR	Anchor Fence, PPA Industries, Inc.		
SPECIFICATIONS NO.	1241	BID	\$ 469,000
CONTRACT NO.	1402	EXTRA WORK TO DATE	0
CONTRACT STARTING DATE	May 4, 1992	EARNINGS THIS MONTH	103,615
CONTRACT COMPLETION DATE	October 22, 1992	EARNINGS TO DATE	103,615
ESTIMATED COMPLETION DATE	October 1992	ESTIMATED PERCENT COMPLETE	22
		PERCENT CONTRACT TIME ELAPSED	71

SCOPE OF WORK

Furnish and install approximately 3,700 lineal feet of 7-foot high chain link fence, 2,000 lineal feet of 7-foot wrought iron fence, and 4,800 lineal feet of 6-foot high wrought iron fence and appurtenant work located at the Henry J. Mills Filtration Plant, 550 East Alessandro Boulevard, Riverside, California.

CONSTRUCTION PROGRESS

Contractor forces installed approximately 3,500 lineal feet of required chain link fencing during the month.

Blockouts for the required wrought iron fence posts in the existing concrete wall were sandblasted during the month.

Approximately 900 lineal feet of electrical conduits was excavated, installed, and concrete incased during the month.

Contractor personnel, including employees of subcontractors, averaged seven persons during the month of August 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Remove and Replace Underground Tanks---Phase 3, Schedules I and II		
CONTRACTOR	Long & Company Environmental		
SPECIFICATIONS NO.	1194	BID	\$ 634,999
CONTRACT NO.	1373	EXTRA WORK TO DATE	24,141
CONTRACT STARTING DATE	October 4, 1990	EARNINGS THIS MONTH	9,337
CONTRACT COMPLETION DATE	April 11, 1991	EARNINGS TO DATE	953,746
ESTIMATED COMPLETION DATE	October 1992	ESTIMATED PERCENT COMPLETE	99
		PERCENT CONTRACT TIME ELAPSED	100

SCOPE OF WORK

Remove 21 and replace 14 underground fuel and oil tanks, install cathodic protection systems, and all appurtenant work at eight various existing facilities throughout the District's distribution network.

CONSTRUCTION PROGRESS

The existing 5,000-gallon fuel tank at the Perris Power Plant was excavated and removed during the month.

Removal of the fuel tanks was completed at the west portal of the San Jacinto Tunnel and at the Lake Skinner Welding Shop.

Pressure testing of the fuel tank piping, installation and testing of the cathodic protection system for the tanks, and backfilling at the Skinner plant auto shop site were completed during the month. Placement of concrete for the service and pump in-land slabs were also completed.

Contractor personnel, including employees of subcontractors, averaged four persons during the month of August 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Repaint Delivery Lines at Intake, Gene, and Hinds Pumping Plants		
CONTRACTOR	Jess B. Worthington, Inc.		
SPECIFICATIONS NO.	1215	BID	\$ 285,693
CONTRACT NO.	1390	EXTRA WORK TO DATE	0
CONTRACT STARTING DATE	May 10, 1991	EARNINGS THIS MONTH	11,193
CONTRACT COMPLETION DATE	September 28, 1992	EARNINGS TO DATE	272,561
ESTIMATED COMPLETION DATE	September 1992	ESTIMATED PERCENT COMPLETE	95
		PERCENT CONTRACT TIME ELAPSED	93

SCOPE OF WORK

Surface preparation and repainting of approximately 985,000 square feet of existing steel pipe and miscellaneous iron surfaces for Intake, Gene, and Hinds pumping plants located in Riverside and San Bernardino counties.

CONSTRUCTION PROGRESS

The contractor continued sandblasting, surface preparation, and application of primer and final coats at the Hinds Pumping Plant site.

Work remaining under the contract is scheduled for completion during early September 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Roofing Renovations of the Soto Street Maintenance Center Buildings		
CONTRACTOR	Pacific Southwest Roofing, Inc.		
SPECIFICATIONS NO.	1243	BID	\$ 73,399
CONTRACT NO.	1404	EXTRA WORK TO DATE	0
CONTRACT STARTING DATE	June 23, 1992	EARNINGS THIS MONTH	0
CONTRACT COMPLETION DATE	September 16, 1992	EARNINGS TO DATE	0
ESTIMATED COMPLETION DATE	September 1992	ESTIMATED PERCENT COMPLETE	0
		PERCENT CONTRACT TIME ELAPSED	90

SCOPE OF WORK

Remove and replace approximately 23,300 square feet of existing built-up bituminous and asphalt roofing systems on two separate buildings located at 2100 North Soto Street, Los Angeles, California.

CONSTRUCTION PROGRESS

No field work has been started to date under this contract.

The contractor has continued to submit alternate material lists and installation procedures for District review and approval.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Modification of Domestic Water System at La Verne Facilities		
CONTRACTOR	A. S. Peich, Inc.		
SPECIFICATIONS NO.	1229	BID	\$ 283,110
CONTRACT NO.	1405	EXTRA WORK TO DATE	0
CONTRACT STARTING DATE	August 21, 1992	EARNINGS THIS MONTH	0
CONTRACT COMPLETION DATE	January 15, 1993	EARNINGS TO DATE	0
ESTIMATED COMPLETION DATE	January 1993	ESTIMATED PERCENT COMPLETE	0
		PERCENT CONTRACT TIME ELAPSED	0

SCOPE OF WORK

Expansion of the existing domestic water system, including installation of approximately 2,200 feet of mortar-lined steel pipe up to 14 inches in diameter and appurtenances at the La Verne facilities.

CONSTRUCTION PROGRESS

The contractor has submitted certain shop drawings and catalog data sheets for District review and approval.

No field work has been started to date under this contract. The contractor received its Notice to Proceed on August 21, 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Modifications to the Ventilation Hood System at Water Quality Laboratory		
CONTRACTOR	Sanders Engineering Company, Inc.		
SPECIFICATIONS NO.	1224	BID	\$ 277,887
CONTRACT NO.	1406	EXTRA WORK TO DATE	0
CONTRACT STARTING DATE	August 25, 1992	EARNINGS THIS MONTH	0
CONTRACT COMPLETION DATE	January 6, 1993	EARNINGS TO DATE	0
ESTIMATED COMPLETION DATE	January 1993	ESTIMATED PERCENT COMPLETE	0
		PERCENT CONTRACT TIME ELAPSED	0

SCOPE OF WORK

Modifications of the existing laboratory fume exhaust system, including removing or modifying existing ducts and ventilating equipment, making necessary structural modifications, furnishing and installing new ductwork, mechanical systems, and electrical or control systems, and balancing the installed system at the La Verne Facility Water Quality Laboratory.

CONSTRUCTION PROGRESS

The contractor has submitted certain shop drawings and catalog data sheets for District review and approval.

The contractor received its Notice to Proceed on August 25, 1992. No field work has been started to date.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Replacement Roofing for Softener Building No. 3 Weymouth Filtration Plant		
CONTRACTOR	Letner Roofing Company, Inc.		
SPECIFICATIONS NO.	1249A	BID	\$ 108,245
CONTRACT NO.	1407	EXTRA WORK TO DATE	-
CONTRACT STARTING DATE	-	EARNINGS THIS MONTH	-
CONTRACT COMPLETION DATE	-	EARNINGS TO DATE	-
ESTIMATED COMPLETION DATE	-	ESTIMATED PERCENT COMPLETE	-
		PERCENT CONTRACT TIME ELAPSED	-

SCOPE OF WORK

Remove approximately 22,800 square feet of existing roof to an existing substrate, and replace with a new built-up bituminous roofing system on existing Softener Building No. 3 at Weymouth filtration plant in La Verne, California.

CONSTRUCTION PROGRESS

The contractor continues to submit certain required documentation and data required prior to final award of the contract.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

August 1992

CONSTRUCTION OF	Roofing Renovation Work at Carbon Creek Pressure Control Structure		
CONTRACTOR	Pacific Southwest Roofing, Inc.		
SPECIFICATIONS NO.	1224	BID	\$ 34,785
CONTRACT NO.	1409	EXTRA WORK TO DATE	-
CONTRACT STARTING DATE	-	EARNINGS THIS MONTH	-
CONTRACT COMPLETION DATE	-	EARNINGS TO DATE	-
ESTIMATED COMPLETION DATE	-	ESTIMATED PERCENT COMPLETE	-
		PERCENT CONTRACT TIME ELAPSED	-

SCOPE OF WORK

Removal of approximately 6,800 square feet of existing roofing material and replace with new built-up bituminous system for the District's Carbon Creek Pressure Control Structure located at 299 East La Jolla Avenue, in the City of Anaheim, California.

CONSTRUCTION PROGRESS

The General Manager awarded Contract No. 1409 to Pacific Southwest Roofing, Inc. covering roofing renovation work at the Carbon Creek Pressure Control Structure on August 12, 1992.