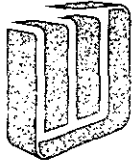


at its meeting held MAY 12 1992

Karen E. Doff
Executive Secretary

9-3(ii)



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

April 24, 1992

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

The following tables contain March 1992 data on Metropolitan's water and power sales and purchases, treatment plant operations, reservoir storage, financial status, construction, and employment; Los Angeles Civic Center rainfall and temperature readings; and a California Department of Water Resources (DWR) forecast of the Four Basin Index.

WATER SALES

	<u>Mar.</u> <u>1992</u> AF	<u>Feb.</u> <u>1992</u> AF	<u>Mar.</u> <u>1991</u> AF	<u>Total Fiscal</u> <u>Year-to-Date</u> AF
TOTAL WATER SALES	111,395	91,452	100,147	1,320,571
REVENUE	22,549,103	19,468,267	7,752,515	269,559,064
DOMESTIC & MUNICIPAL	53,095	45,924	21,924	719,174
INTERRUPTIBLE				
Agricultural	658	441	(4,321)	60,641
Spreading	0	0	2,229	9,775
Reservoir Storage	7,656	7,656	9,714	68,902
In-Lieu	9,934	9,934	10,475	92,459
Barrier Injection	2,086	2,819	2,809	23,499
SEASONAL STORAGE				
Spreading	24,046	780	13,310	159,030
Reservoir Storage	(1,808)	16,150	30,399	72,617
In-Lieu	15,362	6,901	12,962	104,504
RECLAIMED	365	852	646	9,969
TREATED	53,631	60,356	64,508	782,118
UNTREATED	57,399	30,249	34,994	528,483

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

METROPOLITAN'S STATE WATER PROJECT (SWP) CHARGES AND PAYMENTS--FISCAL YEAR 1991-92

The following table shows a comparison of totals from July 1, 1991, through March 31, 1992.

<u>Components*</u>	<u>SWP Statement of Charges to Date</u>	<u>1991-92 Annual Budget to Date</u>	<u>Amount Paid to Date</u>
Capital	\$ 118,476,499	\$ 106,046,000	\$ 98,933,409
Minimum	67,517,131	65,253,000	67,517,121
Power	<u>130,722,878</u>	<u>96,781,000</u>	<u>73,727,197</u>
Total	\$316,716,509**	\$268,080,000	\$240,177,727**

* 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 March 1992:

<u>Colorado River Energy</u>	<u>kWh</u>
Hoover Power Plant	84,832,000
Parker Power Plant	15,690,000
Southern California Edison (SCE) Benefit Energy	23,428,767
SCE Exchange Energy	0
SCE Purchased Energy	0
DWR Purchased Energy	0
Other Purchased Energy	32,531,000
Total Generated for Metropolitan Colorado River Aqueduct (CRA)	156,481,767
Power Available to DWR	0
CRA Power Available to SCE	0

HYDROELECTRIC POWER RECOVERY PLANTS--FISCAL YEAR 1991-92
ENERGY AND REVENUE ACCOUNT

March 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	2,006,400	0.00	85,236.96
Lake Mathews	3,522,000	27,648,000	153,946.62	1,185,931.26
Foothill Feeder	1,644,000	39,096,000	71,859.24	1,669,719.36
San Dimas	171,000	17,010,000	7,474.41	722,315.88
Yorba Linda	1,656,000	23,046,000	72,383.76	985,654.14
PHASES II-IV				
Sepulveda Canyon	0	22,032,000	0.00	963,511.36
Venice	0	14,112,000	0.00	607,431.26
Temescal	1,188,000	14,511,000	45,164.66	679,064.43
Corona	1,056,000	13,959,000	40,531.26	651,225.61
Perris	0	2,745,000	0.00	117,680.83
Rio Hondo	648,000	7,208,000	24,995.73	347,161.63
Coyote Creek	1,149,000	8,538,000	44,124.13	425,013.72
Red Mountain	1,710,000	4,404,000	65,641.70	185,875.58
Valley View	0	6,908,000	0.00	271,736.37
Totals	12,744,000	203,223,400	526,121.51	8,897,558.39

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	Mar. 1992	308*	147*	306*	301*	NIS***	118*
	Feb. 1992	313	147	313	311	311	125
	Mar. 1991	309	117	307	293	292	144
Total Dissolved Solids	Mar. 1992	647**	393**	666**	640**	NIS***	343**
	Feb. 1992	653	411	653	652	646	374
	Mar. 1991	631	301	626	610	607	416

* Preliminary

** Estimate (See Table D for Analysis of Water Supplies.)

*** Not in service

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>	Mar. 1992		19,636	7,082	20,492	4,026	3,041
	Feb. 1992		22,554	10,554	21,271	6,936	2,633
	Mar. 1991		24,966	1,043	28,324	12,936	1,128
			<u>Avg. Rate</u> cfs	<u>Ann. Diff.</u> %	<u>Treated</u> AF	<u>Total Fiscal Year to Date</u> AF	
<u>Total all plants</u>	Mar. 1992		883	-21	54,277	820,583	
	Feb. 1992		1,112	-25	63,948	766,306	
	Mar. 1991		1,113	-39	68,397	1,125,265	

RESERVOIRS

	<u>Usable Storage</u> %	<u>Mar. 1992</u> AF	<u>Feb. 1992</u> AF	<u>Mar. 1991</u> AF	<u>Annual Difference</u> AF
<u>Distribution</u>					
Lake Mathews	94	171,408	171,355	182,788	(11,380)
Lake Skinner	90	39,719	40,226	43,116	(3,397)

Colorado River Basin

Upper Basin	62	19,380,000	19,334,000	20,473,000	(1,093,000)
Lower Basin	78	22,428,000	22,269,000	22,417,000	11,000

(See Table E for details.)

State Water Project

Oroville	50	1,745,475	1,506,352	1,290,624	454,851
San Luis (State)	93	991,496	695,268	339,361	652,135
Pyramid	94	156,385	157,297	163,340	(6,955)
Castaic	97	294,506	291,643	157,916	136,590
Silverwood	92	65,655	67,373	67,791	(2,136)
Perris	96	122,329	120,958	121,414	915

Central Valley Project

Clair Engle	33	811,380	673,780	1,025,880	(214,500)
Shasta	51	2,272,610	1,850,310	1,904,710	367,900
Folsom	60	606,500	501,600	421,500	185,000
New Melones	17	422,600	374,300	423,100	(500)
San Luis (federal)	94	907,921	698,054	862,194	45,727

FINANCE INVESTMENT PORTFOLIO (FACE VALUE AT MATURITY)

<u>Securities</u>	<u>3-31-92 Balance</u>	<u>Percent</u>
U.S. Treasury Obligations	\$ 328,185,000	41.8
U.S. Guarantees - GNMA's	9,638,000	1.2
Federal Agency Obligations	87,175,000	11.1
Repurchase Agreements	65,030,000	8.3
Bankers Acceptances	96,800,000	12.4
Commercial Paper	134,428,000	17.1
Negotiable Certificates of Deposit	47,346,000	6.0
Local Agency Investment Fund	15,000,000	1.9
California G.O. Bond (SWP)	30,000	-
Cash and Equivalents:		
Metropolitan Federal Credit Union	100,000	-
Demand Accounts \$ 2,337,000		
Petty Cash and Draft Account 72,000		
Overnight Investments (834,000)	(1,575,000)	.2
TOTAL	<u>\$785,307,000</u>	<u>100.0</u>

Yield Comparisons (Percent)

	<u>02-29-92</u>	<u>03-31-92</u>	
1-Year Treasury Bill	5.3	5.2	
1-Year Time Deposit	5.4	5.3	
6-Month Treasury Bill	5.1	5.0	
6-Month Time Deposit	5.2	5.0	
Portfolio Yield (Range)	5.3	5.2	(3.9% to 10.3%)

(See Table F for financial summary.)

CONSTRUCTION PROGRESS FOR MARCH 1992

Construction Branch personnel continued field inspection duties, contract administration activities, and related construction support work throughout the month in connection with 17 construction contracts having a contract value in excess of \$220 million. Status of these contracts at the end of the month follows:

	<u>PERCENT COMPLETED</u>	<u>ESTIMATED COMPLETION</u>
Lift/Access Facilities for Handicapped at Headquarters Building	99	April 1992
Remove and Replace Underground Tanks--Phase 3, Schedules I and II	99	April 1992
Etiwanda Pipeline	99	April 1992

	<u>PERCENT COMPLETED</u>	<u>ESTIMATED COMPLETION</u>
Skinner Bypass Pipelines Nos. 2 & 3	94	April 1992
Relocation of Portion of East Orange County Feeder No. 2	98	April 1992
Oxidation Demonstration Plant at Weymouth Facilities	99	May 1992
Replace Emergency Generator at Morris Dam Facility	0	May 1992
Etiwanda Control Facility and Reservoir	94	May 1992
Repaint Delivery Lines at Intake, Gene, and Hinds Pumping Plants	72	June 1992
Etiwanda Reservoir Emergency Discharge Conduit	56	June 1992
Washwater Reclamation Plant Expansion at Diemer Plant	80	June 1992
Site Preparations-- Jensen Plant Expansion No. 1	92	October 1992
Service Connection LA-35	15	December 1992
Joseph Jensen Filtration Plant Expansion No. 1	6	August 1994
Clearing and Grubbing in Domenigoni and Diamond Valleys	0	Not Established to date

There was one construction contract awarded by the Board of Directors during the month. A contract in the amount of \$469,000 was awarded to Anchor Fence covering the furnishing and installation of property fencing for the Henry J. Mills Filtration Plant. One construction contract was completed during the month. The administration building expansion at the Robert A. Skinner Filtration Plant was completed by the prime contractor, Tilden-Coil Constructors, Inc., and accepted by Metropolitan on March 25, 1992.

(See attached Monthly Progress Report for details.)

MARCH RAINFALL AT LOS ANGELES CIVIC CENTER (INCHES)

During the month	7.12
Total for Season (Fiscal Year)	20.63
Normal for Season to Date	13.42
Difference from Normal	7.21
Percent of Normal	154

MARCH TEMPERATURES AT LOS ANGELES CIVIC CENTER (DEGREES F)

Average Maximum	67.4
Average Minimum	54.2
Average	60.8
30-Year Normal	59.5

EMPLOYMENTRegular Employees by Division/Department

	<u>Mar. 1991</u>	<u>Mar. 1992</u>	<u>Difference</u>
Engineering	316	350	+34
Operations	880	956	+76
Other Divisions and Departments	<u>590</u>	<u>690</u>	<u>+100</u>
<u>Total Permanent Employees</u>	1,786	1,996	+210
<u>Full-Time Equivalent (FTE)--</u>			
<u>Temporary Employees*</u>	41	85	+44
<u>Total Headquarters Employees</u>			
Sunset Boulevard--Los Angeles	655	638	-17
Arroyo Parkway--Pasadena	114	183	+69
Lake Street--Pasadena	0	40	+40
<u>Minority Applicants</u>	15	184	+169**
<u>Minority New Hires</u>	4	6	+2
<u>Non-Minority Applicants</u>	5	172	+167**
<u>Non-Minority New Hires</u>	18	6	-12

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

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

SACRAMENTO VALLEY FOUR BASIN INDEX*

The April 1, 1992 DWR forecast of the Four Basin Index is 9.5 million acre-feet, assuming median conditions for the remainder of the water year. According to State Water Resources Control Board Decision 1485, this forecast classifies the water year as Critical**.

- * Forecast of the total unimpaired runoff in the Sacramento, Feather, Yuba, and American River basins--the principal Delta inflow sources. Preliminary forecasts are made by DWR December through May.
- ** Previous conditions impact the current classification.


for Carl Boronkay

PCA:rdl:atr
(board\opmar)
Attachments

METROPOLITAN WATER DISTRICT OF SO. CAL
 BILLING ACTIVITY REPORT FOR MARCH 1992
 (REPLACES OLD TABLE A)

AGENCY	NON INTR. DOM. & M.	----- INTERRUPTIBLE(NOTE 1) -----				INJECTIN	-SEASONAL	STOR.(SSS-NOTE)-				\$	\$
		AGRIC.	*RES.ST.	*INLIEU	SPREADN.	(NOTE 2)	RESERVR.	IN-LIEU	SPREADNG	RECLAIMED	SPECIALS	AMOUNT	
ANAHEIM	719.3	1.2	70.0	0.0	0.0	0.0	-129.9	0.0	0.0	0.0	0.00	161008.50	
BURBANK	1109.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	289683.90	
BEVHILLS	821.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	214489.80	
COMPTON	222.3	0.0	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.00	61282.80	
CALLEGUS	4469.3	185.4	0.0	0.0	0.0	0.0	-316.6	0.0	0.0	0.0	6464.70	1173723.00	
CHINO B.	-3943.3	0.0	0.0	2723.1	0.0	0.0	0.0	3741.7	9193.5	0.0	0.00	1402934.10	
CENT B.	1057.6	0.0	0.0	0.0	0.0	453.5	0.0	1511.3	996.8	1.6	0.00	756474.90	
COASTAL	3639.3	0.0	0.0	0.0	0.0	0.0	0.0	213.0	0.0	45.0	0.00	985864.30	
EASTERN	2130.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-9929.70	564039.60	
FULLERTN	132.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	34739.10	
FOOTHILL	440.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	114866.10	
GLENDALE	796.7	0.0	0.0	490.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	335828.70	
LA DWP	-435.2	0.0	0.0	5458.8	0.0	0.0	-1361.0	8560.7	21.3	0.0	0.00	2225884.30	
LONG BCH	2144.6	0.0	0.0	560.0	0.0	0.0	0.0	0.0	0.0	21.5	0.00	702589.60	
LV MWD	201.0	0.0	350.0	0.0	0.0	0.0	0.0	0.0	0.0	80.2	0.00	150500.20	
MWDOC	4841.6	196.6	0.0	521.0	0.0	0.0	0.0	316.9	0.0	194.0	0.00	1455040.20	
PASADENA	621.5	0.0	0.0	0.0	0.0	0.0	0.0	935.7	23.6	0.0	-990.00	308953.70	
THREE VY	2405.3	8.7	0.0	28.8	0.0	0.0	0.0	0.0	0.0	0.0	0.00	596652.00	
S ANA	602.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	157278.60	
S DIEGO	19933.6	0.0	7235.9	0.0	0.0	0.0	0.0	0.0	0.0	23.0	1702.80	6186780.40	
S FERND0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00	
S MONICA	353.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-486640.00	-394480.90	
S MARINO	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.00	5898.60	
TORRANCE	902.3	0.0	0.0	140.0	0.0	0.0	0.0	0.0	0.0	0.0	1386.00	273426.30	
USG MWD	844.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13811.0	0.0	0.00	2015714.00	
WEST B.	8241.6	0.0	0.0	0.0	0.0	1632.3	0.0	90.4	0.0	0.0	-13053.60	2577955.90	
WR MWD	813.0	265.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-61719.40	191725.40	
SPC CONT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.00	250.00	
TOTALS:	53087.9	657.6	7655.9	9934.2	0.0	2085.8	-1807.5	15369.7	24046.2	365.3	-562529.20		

GRAND TOTAL SALES: 111,395.1 ACRE FEET

TOTAL NET INVOICE \$ 22,549,103.10

NOTE 1: WATER DELIVERIES UNDER THE CATEGORIES MARKED BY (*) ARE CREDITED OVER THE FIRST 10 MONTHS OF THE FISCAL YEAR FOR THE DIFFERENTIAL BETWEEN NON-INTERRUPTIBLE AND INTERRUPTIBLE RATES. THESE CREDITS ARE SUBJECT TO SUBSEQUENT ADJUSTMENTS AS AN AGENCYS ORIGINAL ESTIMATES ARE CHANGED OR BY ACTUAL DELIVERIES.

NOTE 2: INJECTION INCLUDES SEA WATER BARRIER AND GROUND WATER REPLENISHMENT BY INJECTION. SEA WATER BARRIER AND GROUND WATER REPLENISHMENT ARE SOLD EITHER AT THE INTERRUPTIBLE OR SEASONAL STORAGE RATE.

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 MARCH 1992
 TABLE A YEAR TO DATE

AGENCY	NON INTR. DOM. & M.	----- INTERRUPTIBLE(NOTE 1) -----				INJECTIN (NOTE 2)	-SEASONAL RESRVR.	STOR. (SSS-NOTE)		RE- CLAIMED	\$ SPECIALS	\$ AMOUNT
		AGRIC.	*RES.ST.	*INLIEU	SPREADN.			IN-LIEU	SPREADNG			
ANAHEIM	7048.5	68.2	630.0	0.0	0.0	0.0	0.0	11286.9	0.0	0.0	-635590.60	2767479.80
BURBANK	11977.4	0.0	0.0	0.0	0.0	0.0	0.0	1055.3	503.3	0.0	-106674.90	3240851.20
BEVHILLS	9026.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-29013.20	2326903.30
COMPTON	2644.7	0.0	0.0	112.1	0.0	0.0	0.0	286.6	0.0	0.0	-20146.50	745147.90
CALLEGUS	52160.5	4126.6	0.0	0.0	0.0	0.0	2262.8	0.0	549.4	0.0	-344718.60	14747440.80
CHINO B.	-1404.9	107.6	0.0	24820.5	0.0	0.0	0.0	4688.0	17796.0	0.0	-1157478.60	6850917.80
CENT B.	32764.1	0.0	0.0	0.0	9803.9	4767.0	0.0	11326.0	45197.1	342.8	-1477908.62	17756241.48
COASTAL	45375.0	0.0	0.0	0.0	0.0	0.0	0.0	184.2	0.0	1105.3	-284929.85	11582942.55
EASTERN	33155.0	4133.5	0.0	0.0	0.0	0.0	0.0	0.0	1720.9	0.0	-619071.10	9425647.40
FULLERTN	4765.2	50.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-132669.90	1123929.60
FOOTHILL	5781.1	0.0	0.0	0.0	0.0	0.0	0.0	437.8	0.0	0.0	-44187.70	1530059.20
GLENDALE	11528.5	0.0	0.0	4410.0	0.0	0.0	0.0	624.2	0.0	0.0	-287004.90	3953016.40
LA DWP	74417.4	0.0	0.0	49128.6	0.0	0.0	31340.5	24420.6	21.3	0.0	-5514507.90	31108303.90
LONG BCH	15444.8	0.0	0.0	5040.0	0.0	0.0	0.0	5550.3	0.0	596.9	-385566.71	5705209.79
LV MWD	7818.2	0.0	3150.0	0.0	0.0	0.0	513.5	0.0	0.0	2542.9	-242639.46	2855455.44
MWDOC	73475.4	3316.6	0.0	7428.5	0.0	0.0	0.0	24850.0	47395.7	5133.1	-2006835.09	28619426.21
PASADENA	7838.3	0.0	0.0	0.0	0.0	0.0	-54.0	7264.9	77.6	0.0	-390121.30	2752805.50
THREE VY	41818.7	83.7	0.0	258.9	0.0	0.0	0.0	0.0	0.0	0.0	-425484.18	10117318.02
S ANA	6889.9	0.0	0.0	0.0	0.0	0.0	0.0	9157.2	0.0	0.0	-28383.30	3142193.10
S DIEGO	148981.6	33298.8	65122.4	0.0	0.0	0.0	38554.1	0.0	0.0	248.1	941920.80	64274682.70
S FERND0	119.4	0.0	0.0	0.0	0.0	0.0	0.0	532.7	0.0	0.0	-6283.20	104685.70
S MONICA	3635.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-1100742.50	-151877.00
S MARINO	526.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-20176.20	117266.40
TORRANCE	10570.7	0.0	0.0	1260.0	0.0	0.0	0.0	0.0	0.0	0.0	-166478.40	2917134.30
USG MWD	7740.9	0.0	0.0	0.0	-28.9	0.0	0.0	0.0	45768.5	0.0	-156582.00	7673149.10
WEST B.	84551.0	0.0	0.0	0.0	0.0	18732.2	0.0	2356.3	0.0	0.0	-74707.00	27199959.40
WR MWD	20524.2	15455.8	0.0	0.0	0.0	0.0	0.0	483.2	0.0	0.0	-1541541.20	7070553.80
SPC CONT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2250.00	2250.00
TOTALS:	719174.2	60641.1	68902.4	92458.6	9775.0	23499.2	72616.9	104504.2	159029.8	9969.1	-16255272.11	

GRAND TOTAL SALES: 1,320,570.5 ACRE FEET

TOTAL NET INVOICE \$ 269,559,093.79

NOTE 1: WATER DELIVERIES UNDER THE CATEGORIES MARKED BY (*) ARE CREDITED OVER THE FIRST 10 MONTHS OF THE FISCAL YEAR FOR THE DIFFERENTIAL BETWEEN NON-INTERRUPTIBLE AND INTERRUPTIBLE RATES. THESE CREDITS ARE SUBJECT TO SUBSEQUENT ADJUSTMENTS AS AN AGENCY'S ORIGINAL ESTIMATES ARE CHANGED OR BY ACTUAL DELIVERIES.

NOTE 2: INJECTION INCLUDES SEA WATER BARRIER AND GROUND WATER REPLENISHMENT BY INJECTION. SEA WATER BARRIER AND GROUND WATER REPLENISHMENT ARE SOLD EITHER AT THE INTERRUPTIBLE OR SEASONAL STORAGE RATE.

AGRICULTURAL AND ADJUSTMENTS AND RECLASSIFICATIONS OF 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 MARCH 1992
 TABLE B

AGENCY	-----TREATED(NOTE)-----					-----UNTREATED(NOTE)-----					TOTAL	
	DOM & MUN	AGRIC	INTERRUPT	SEASONAL	GWR AF AMOUNT	DOM & MUN	AGRIC	INTERRUPT	SEASONAL	GWR AF AMOUNT	RECLAIMED	AF AMOUNT
ANAHEIM	44.9	0.1	0.0	0.0	0.0	674.4	1.1	70.0	-129.9	0.0	0.0	660.6
BURBANK	1109.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1109.9
BEVHILLS	821.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	821.8
COMPTON	222.3	0.0	12.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	234.8
CALLEGUS	4469.3	185.4	0.0	-316.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4338.1
CHINO B.	0.0	0.0	0.0	0.0	0.0	-3943.3	0.0	2723.1	12935.2	0.0	0.0	11715.0
CENT B.	1057.6	0.0	0.0	1511.3	453.5	0.0	0.0	0.0	996.8	0.0	1.6	4020.8
COASTAL	3639.3	0.0	0.0	213.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	3897.3
EASTERN	2589.7	0.0	0.0	0.0	0.0	-459.2	0.0	0.0	0.0	0.0	0.0	2130.5
FULLERTN	132.8	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	133.1
FOOTHILL	440.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	440.1
GLENDALE	796.7	0.0	490.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1286.7
LA DWP	-1466.9	0.0	1256.8	7221.0	0.0	1031.7	0.0	4202.0	0.0	0.0	0.0	12244.6
LONG BCH	2144.6	0.0	560.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.5	2726.1
LV MWD	201.0	0.0	350.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.2	631.2
MWD OC	4394.9	68.9	521.0	316.9	0.0	446.7	127.7	0.0	0.0	0.0	194.0	6070.1
PASADENA	621.5	0.0	0.0	959.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1580.8
THREE VY	1364.8	0.0	28.8	0.0	0.0	1040.5	8.7	0.0	0.0	0.0	0.0	2442.8
S ANA	602.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	602.6
S DIEGO	1575.4	0.0	2450.0	0.0	0.0	18358.2	0.0	4785.9	0.0	0.0	23.0	27192.5
S FERENDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
S MONICA	353.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	353.1
S MARINO	22.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.6
TORRANCE	902.3	0.0	140.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1042.3
USG MWD	844.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13811.0	0.0	0.0	14655.0
WEST B.	8241.6	0.0	0.0	90.4	1632.3	0.0	0.0	0.0	0.0	0.0	0.0	9964.3
WESTERN	326.5	33.5	0.0	0.0	0.0	486.5	231.9	0.0	0.0	0.0	0.0	1078.4
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:	35452.4	288.2	5809.1	9995.3	2085.8	17635.5	369.4	11781.0	27613.1	0.0	365.3	111395.1

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

39634

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

AGENCY	-----TREATED(NOTE)-----					DOLLAR (\$) AMT	-----UNTREATED(NOTE)-----					DOLLAR AMOUNT	RECLM'D	SPECIAL	TOT DOLLAR (\$) AMOUNT
	DOM&MUN	AGRIC	INTERR	SEASONAL	GWR		DOM&MUN	AGRIC	INTERR	SEASONAL	GWR				
ANAHEIM	11718	26	0	0	0	11745	165256	244	0	-16237	0	149263	0	0	161008
BURBANK	289683	0	0	0	0	289683	0	0	0	0	0	0	0	0	289683
BEVHILLS	214489	0	0	0	0	214489	0	0	0	0	0	0	0	0	214489
COMPTON	61282	0	0	0	0	61282	0	0	0	0	0	0	0	0	61282
CALLEGUS	1166487	48389	0	-47618	0	1167258	0	0	0	0	0	0	0	6464	1173723
CHINO B.	0	0	0	0	0	0	-270884	0	0	1673818	0	1402934	0	0	1402934
CENT B.	276033	0	0	232740	118363	627137	0	0	0	129584	0	129584	-246	0	756474
COASTAL	949857	0	0	32227	0	982084	0	0	0	0	0	0	3780	0	985864
EASTERN	675911	0	0	0	0	675911	-101942	0	0	0	0	-101942	0	-9929	564039
FULLERTN	34660	78	0	0	0	34739	0	0	0	0	0	0	0	0	34739
FOOTHILL	114866	0	0	0	0	114866	0	0	0	0	0	0	0	0	114866
GLENDALE	335828	0	0	0	0	335828	0	0	0	0	0	0	0	0	335828
LA DWP	-54836	0	0	1118839	0	1064002	1161881	0	0	0	0	1161881	0	0	2225884
LONG BCH	705900	0	0	0	0	705900	0	0	0	0	0	0	-3311	0	702589
LV MWD	143811	0	0	0	0	143811	0	0	0	0	0	0	6689	0	150500
MWD OC	1283049	17944	0	48802	0	1349797	99167	28349	0	0	0	127516	-22274	0	1455040
PASADENA	162211	0	0	147732	0	309943	0	0	0	0	0	0	0	-990	308953
THREE VY	363729	0	0	0	0	363729	230991	1931	0	0	0	232922	0	0	596652
S ANA	157278	0	0	0	0	157278	0	0	0	0	0	0	0	0	157278
S DIEGO	1050629	0	0	0	0	1050629	5137990	0	0	0	0	5137990	-3542	1702	6186780
S FERND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
S MONICA	92159	0	0	0	0	92159	0	0	0	0	0	0	0	-486640	-394480
S MARINO	5898	0	0	0	0	5898	0	0	0	0	0	0	0	0	5898
TORRANCE	272040	0	0	0	0	272040	0	0	0	0	0	0	0	1386	273426
USG MWD	220284	0	0	0	0	220284	0	0	0	1795430	0	1795430	0	0	2015714
WEST B.	2151057	0	0	13921	426030	2591009	0	0	0	0	0	0	0	-13053	2577955
WESTERN	85216	8743	0	0	0	93960	108003	51481	0	0	0	159484	0	-61719	191725
SPC CONT	0	0	0	0	0	0	0	0	0	0	0	0	0	250	250
TOTAL:	10769251	75182	0	1546644	544393	12935471	6530463	82006	0	3582595	0	10195064	-18904	-562529	22549103

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 SALES DOLLARS ON THIS REPORT MAY NOT AGREE WITH OTHER REPORTS DUE TO TRUNCATION REQUIRED BECAUSE OF SPACE LIMITATIONS.

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

TABLE D
ANALYSES OF THE DISTRICT WATER SUPPLIES

FEBRUARY 1992			SOURCE WATERS						FILTRATION PLANT EFFLUENTS						
			SYMBOLS AND UNITS		LAKE HAVASU NEAR WHITSETT INTAKE	SAN JACINTO TUNNEL WEST PORTAL	LAKE MATH- EWES	CASTAIC LAKE	SILVER- WOOD LAKE	LAKE PERRIS	LAKE SKINNER	WEY- MOUTH PLANT	DIEMER PLANT	JENSEN PLANT	SKINNER PLANT NO. 1
MONTH OR DAY OF SAMPLING			2/4/92	2/3/92	2/3/92	Feb. 92	2/3/92	2/3/92	Feb. 92	Feb. 92	Feb. 92	Feb. 92	Feb. 92	Feb. 92	Feb. 92
SILICA	SiO ₂	mg/L	8.6	8.5	9.4	16.6	15.4	4.0	8.4	9.5	10.0	16.3	8.2	8.8	14.9
CALCIUM	Ca	mg/L	77	77	76	31	26	26	76	76	76	31	75	75	26
MAGNESIUM	Mg	mg/L	30	30.5	31	17.5	15	17.5	30	30	30	17	30	30	14.5
SODIUM	Na	mg/L	98	100	99	83	83	80	101	99	101	85	101	100	85
POTASSIUM	K	mg/L	4.4	4.7	4.7	3.8	3.5	4.4	4.3	4.3	4.2	3.8	4.3	4.3	3.3
CARBONATE	CO ₃	mg/L	0	0	0	0	0	0	2	0	0	0	0	0	1
BICARBONATE	HCO ₃	mg/L	165	165	165	102	106	123	156	155	160	110	157	159	102
SULFATE	SO ₄	mg/L	272	270	271	81	76	49	266	268	264	84	265	260	76
CHLORIDE	Cl	mg/L	87	86	86	113	100	119	86	88	87	117	89	88	99
NITRATE	NO ₃	mg/L	0.75	0.7	0.7	2.25	2.55	0.35	0.6	0.7	0.7	2.25	0.6	0.5	2.75
FLUORIDE	F	mg/L	0.32	0.32	0.32	0.17	0.18	0.14	0.22	0.24	0.21	0.17	0.18	0.20	0.14
BORON	B	mg/L	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL DISSOLVED SOLIDS	TDS	mg/L	660	660	660	400	375	362	653	653	653	411	652	646	374
TOTAL HARDNESS AS CaCO ₃		mg/L	316	318	317	149	127	137	313	313	313	147	311	311	125
TOTAL ALKALINITY AS CaCO ₃		mg/L	135	135	135	84	87	101	132	127	131	90	129	130	86
FREE CARBON DIOXIDE	CO ₂	mg/L	1.4	1.4	1.4	1.8	1.6	1.1	1.0	2.6	2.7	1.2	2.6	3.0	0.6
H+ CONCENTRATION	pH	pH	8.30	8.29	8.29	7.97	8.05	8.26	8.43	8.00	8.00	8.20	8.01	7.94	8.43
SPECIFIC CONDUCTANCE		µmho/cm	1052	1052	1047	717	678	692	1044	1041	1043	721	1040	1039	670
FILTER EFFLUENT TURBIDITY		NTU	-	-	-	-	-	-	-	0.10	0.08	0.09	0.10	-	0.09
TURBIDITY		NTU	1.2	0.55	0.65	3.3	1.1	0.58	1.5	0.09	0.08	0.09	0.09	0.11	0.09
TEMPERATURE		°C	11	12	12	13	9	11	12	12	13	13	12	12	10
BROMIDE	Br	mg/L	0.04	0.07	0.07	0.35	0.32	0.36	0.09	-	-	-	-	-	-
TOTAL TRIHALOMETHANES	TTHMs	µg/L	-	-	-	-	-	-	-	26	34	66	29	25	6.7
PCT. STATE PROJECT WATER	% SPW	%	0	0	0	100	100	100	2	0	0	100	2	3	100

39634

TABLE E, GENERAL MANAGER'S MONTHLY REPORT

Mar 1992

Storage in Colorado River Basin Reservoirs at End of Month

(1,000 acre-feet)

Reservoir	Usable Contents Above Lowest Outlet	Percent of Usable Capacity	Usable Contents Above Min. Power Head	Change * in Contents During Month	Change * in Contents Since Mar 1991
<u>Upper Basin</u>					
Fontenelle	122	35	0	(4)	24
Flaming Gorge	3,331	89	3,098	58	251
Blue Mesa	516	62	435	(7)	(157)
Morrow Point	114	97	39	1	(4)
Crystal	16	91	5	0	0
Navajo	1,582	93	---	44	191
Powell	13,699	56	9,702	(46)	(1,398)
Subtotal	19,380	62	13,279	46	(1,093)
<u>Lower Basin</u>					
Mead	20,182	77	10,158	117	132
Mohave	1,672	92	1,455	18	(87)
Havasu	574	93	135	24	(34)
Subtotal	22,428	78	11,748	159	11
Basin Total	41,808	70	25,027	205	(1,082)

* Numbers within () are negative numbers.

TABLE F

FINANCIAL SUMMARY
FISCAL YEAR 1991-92
CASH BASIS
(\$ in millions)

	ACTUAL THROUGH <u>MARCH 1992</u>	BUDGET THROUGH <u>MARCH 1992</u>	<u>VARIANCE OVER/ (UNDER)</u> <u>ACTUAL V. BUDGET</u>	
<u>RECEIPTS</u>				
WATER SALES	\$ 291.2	\$ 323.1	\$ (31.9)	(9.9)%
POWER RECOVERIES	9.0	14.8	(5.8)	(39.5)%
TAXES	52.0	50.4	1.6	3.2 %
INTEREST AND OTHER	33.3	42.4	(9.1)	(21.4)%
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL RECEIPTS	385.5	430.7	(45.2)	(10.5)%
<u>EXPENDITURES</u>				
STATE WATER CONTRACT	257.9	260.5	(2.6)	(1.0)%
STATE WATER BANK	39.8	29.0	10.8	37.3 %
COLORADO RIVER SUPPLIES	48.2	50.3	(2.1)	(4.1)%
MWD CAPITAL PROGRAM	115.8	140.9	(25.1)	(17.8)%
MWD O&M	144.5	156.5	(12.0)	(7.7)%
CONSERVATION CREDITS	8.0	14.8	(6.8)	(45.8)%
	<hr/>	<hr/>	<hr/>	<hr/>
TOTAL EXPENDITURES	614.2	652.0	(37.8)	(5.8)%
	<hr/>	<hr/>	<hr/>	<hr/>
INCREASE (DECREASE) IN CASH AND INVESTMENTS	\$ <u>(228.7)</u>	\$ <u>(221.3)</u>	\$ <u>7.4</u>	<u>(3.3)%</u>

WATER SALES DATA

<u>SALES IN ACRE FEET</u> <u>(in thousands)</u>	<u>CURRENT</u> <u>MONTH</u>	<u>FISCAL YEAR</u> <u>TO DATE</u>
CURRENT FISCAL YEAR	111.4	1,320.7
PRIOR FISCAL YEAR	100.1	1,874.9
	<hr/>	<hr/>
DIFFERENCE OVER (UNDER)	<u>11.3</u>	<u>(554.2)</u>

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

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

March 1992

SUMMARY OF PROGRESS

	<u>Construction Contracts</u>	<u>Procurement Contracts</u>
Number of Contracts	17	10
Total Bid Amount of Contracts in Progress	\$220,725,141	\$23,899,178
Number of Contracts Awarded this Month	1	0
Total Bid Amount of Contracts Awarded this Month	469,000	0
Contract Gross Earnings this Month	\$3,272,168	0

There was one construction contract awarded by the Board of Directors during the month of March 1992. Contract No. 1402, in the amount of \$469,000, covering the construction of property fencing at the Henry J. Mills Filtration Plant, was awarded to Anchor Fence, PPA Industries, Inc.

One construction contract was completed during March 1992. Tilden-Coil Constructors, Inc., the prime contractor, completed construction of the administration building expansion at the Robert A. Skinner Filtration Plant under Contract No. 1386, on March 25, 1992.

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 23 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 March 1992.

A tabular summary of procurement contracts is included as 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
Skinner Bypass Pipelines Nos. 2 and 3 Specs. No. 1162--Contract No. 1381	7
Administration Building Expansion at Skinner Plant Specs. No. 1197A--Contract No. 1386	8
Oxidation Demonstration Plant Specs. No. 1203--Contract No. 1369	9
Relocation of East Orange County Feeder Specs. No. 1149--Contract No. 1392	10
Etiwanda Control Facility and Reservoir Specs. No. 1179--Contract No. 1370	11
Etiwanda Pipeline Specs. No. 1170--Contract No. 1374	12
Etiwanda Reservoir Emergency Discharge Conduit Specs. No. 1209--Contract No. 1394	13
Washwater Reclamation Plant Expansion at Diemer Plant Specs. No. 1180--Contract No. 1375	14
Jensen Plant Expansion No. 1 Specs. No. 1200--Contract No. 1393	15
Site Preparation for Jensen Plant Expansion Specs. No. 1199--Contract No. 1380	16
Service Connection LA-35 Specs. No. 1225--Contract No. 1397	17
Property Fencing at Mills Plant Specs. No. 1241--Contract No. 1402	18
Remove and Replace Tanks--Phase 3, Sch. I, II Specs. No. 1194--Contract No. 1373	19
Repaint Delivery Lines at CRA Pumping Plants Specs. No. 1215--Contract No. 1390	20
Lift/Access Facilities for Handicapped at Headquarters Building Specs. No. 12120--Contract No. 1288	21
Replace Emergency Generator at Morris Dam Facility Specs. No. 1236--Contract No. 1399	22
Clearing and Grubbing in Domenigoni and Diamond Valleys Specs. No. 1252--Contract No. 1401	23

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
1381	1162	Skinner Bypass Pipelines Nos. 2 & 3	S. A. Healy Company & Associates	\$ 7,810,000	\$ 362,166	\$ 7,268,868	12/10/90	04/29/92	04/92	94	93
1369	1203	Oxidation Demonstration Plant at Weymouth	Merco Construction Engineers, Inc.	12,204,000	150,867	12,543,049	05/01/90	07/24/91	05/92	99	100
1392	1149	Relocation of Portion of East Orange County Feeder No. 2	Albert W. Davies, Inc.	625,000	27,700	633,882	09/12/91	05/01/92	04/92	98	82
1370	1179	Etiwanda Control Facility and Reservoir	Advanco Constructors	22,492,000	417,350	21,487,572	06/20/90	05/22/92	05/92	94	91
1374	1170	Etiwanda Pipeline	Advanco Constructors	43,364,520	667,071	43,025,142	08/06/90	04/07/92	04/92	99	98
1394	1209	Etiwanda Reservoir Emergency Discharge Conduit	Cass Construction, Inc.	2,579,120	304,743	1,465,993	09/14/91	06/25/92	06/92	56	64
1375	1178	Washwater Reclamation Expansion at Diemer	Kaweah Construction Company	6,715,000	190,358	5,450,937	08/28/90	12/04/91	06/92	80	100
1293	1200	Joseph Jensen Filtration Plant Expansion No. 1	Hyman/JWP West, A Joint Venture	101,986,000	552,814	6,260,028	09/05/91	08/05/94	08/94	6	17

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
1380	1199	Site Preparation Jensen Plant--Exp.	C. A. Rasmussen, Inc.	\$16,231,227	\$ 323,890	\$16,555,117	12/03/90	10/22/92	10/92	92	66
1397	1225	Service Connection LA-35	Dillingham Construction N.A., Inc.	4,246,000	149,514	644,170	11/13/91	12/03/92	12/92	15	33
1402	1241	Property Fencing at Henry J. Mills Filtration Plant	Anchor Fence, PPA Industries, Inc.	469,000	-	-	-	-	-	-	-
1388	1212	Lift/Access Facilities for Handicapped	Rose Construction	62,164	20,250	61,500	06/10/91	10/16/91	04/92	99	100
1373	1194	Remove and Replace Underground Tanks	Long and Company Environmental	634,999	0	880,759	10/04/90	04/11/91	04/92	99	100
1390	1215	Repaint Delivery Lines at CRA Pumping Plants	Jess B. Worthington, Inc.	285,693	0	204,574	05/10/91	06/05/92	06/92	72	57
1399	1236	Replace Emergency Generator at Morris Dam Facility	Ron Gibson Electric	41,325	0	0	12/30/91	05/05/92	04/92	0	90
1401	1252	Clearing and Grubbing in Domenigoni and Diamond Valleys	Dave Otteson Company	68,400	-	-	-	-	-	-	-

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	0	\$ 3,904,583	7/28/89	2/22/91	
1356	1198	Six Pump Impeller Assemblies for Eagle Mountain and Hinds Pumping Plants	Nissho Iwai American Corporation	1,638,800	0	1,781,723	10/23/89	2/18/91 2/17/91	
1367	1142	Vertical Turbine Generator Unit for Etiwanda Power Plant	Nissho Iwai American Corporation	5,122,000	0	4,139,540	4/06/90	3/21/92	
1383	1218	Seven Butterfly Valves, Schedule I, Items 1 through 5	Nissho Iwai American Corporation	1,723,300	0	1,723,300	1/07/91	1/02/92 4/01/92	
1384	1218	Six Butterfly Valves, Schedule II, Items 6 through 12	Marubeni America Corporation	844,600	0	120,000	1/07/91	4/01/92	
1387	1219	Two Motor Operated Sleeve Valves for Foothill Feeder Control Structure	Nissho Iwai American Corporation	940,000	0	0	2/18/91	3/03/92	
1389	1223	Four Conical Plug Valves for Santa Margarita Pipeline	Ebara International Corporation	1,540,000	0	0	4/24/91	-	
1396	1207	Four Computer-Based Control Systems	JWP Controls	6,670,000	-	-	-	-	
1398	1232	Electric-Motor-Operated Slide Gate for Service Connection LA-35	Marubeni America Corporation	370,500	-	-	-	-	
1400	1245	Fabricated Pipe and Fittings for Mills Filtration Plant Expansion No. 2	Ameron, Inc.	1,050,000	-	-	-	-	

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
1386	1197A	Administration Building Expansion at Skinner	Tilden-Coil Constructors, Inc.	\$ 869,000	\$ 951,524	03-25-92	-	-

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	\$31,000,000	09-10-91	10-01-91	11-05-91*
1368	1195	Washwater Reclamation Plant Expansion at Weymouth Plant	C. W. Roen Construction	7,772,000	8,350,000	09-26-91	10-07-91	11-11-91*
1357	1160	Finished Water Reservoir at Skinner Plant	Kiewit Pacific Company	20,541,242	20,675,000	09-30-91	10-17-91	11-21-91*
1352	1140	Robert A. Skinner Filtration Plant Expansion No. 3	Kiewit Pacific Company	40,166,00	50,500,000	11-22-91	11-27-91	01/02/92*

* Final payment pending settlement of various claims and credits

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 1992

CONSTRUCTION OF	Skinner Bypass Pipelines Nos. 2 and 3		
CONTRACTOR	S. A. Healy Company & Associates		
SPECIFICATIONS NO.	1162	BID	\$ 7,810,000
CONTRACT NO.	1381	EXTRA WORK TO DATE	3,747
CONTRACT STARTING DATE	December 10, 1991	EARNINGS THIS MONTH	362,166
CONTRACT COMPLETION DATE	April 29, 1992	EARNINGS TO DATE	7,268,868
ESTIMATED COMPLETION DATE	April 1992	ESTIMATED PERCENT COMPLETE	94
		PERCENT CONTRACT TIME ELAPSED	93

SCOPE OF WORK

Construction of approximately 5,450 feet of 109-inch-inside-diameter welded-steel pipeline and approximately 630 feet of 49-inch-inside-diameter welded-steel pipeline and appurtenant work at the Robert A. Skinner Filtration Plant at 33740 Borel Road near the City of Winchester, Riverside County, California.

CONSTRUCTION PROGRESS

Placement and compaction of backfill materials continued for slopes and invert of the Tucolota Creek area. Placement of riprap, grout, and cement was also continued in this area.

Erection of forms and placement of reinforcing steel and concrete were in progress at the 120-inch valve structure encasement and structure walls.

The required tie-in of bypass pipeline No. 2 to the existing influent conduit No. 2 was successfully completed and the bypass pipeline has been turned over to the District.

Installation of electrical conduit was continued during the month at various valve structures throughout the job site as required.

Installation of miscellaneous metal items was also in progress throughout the month at various structures and manholes, as required.

Contractor personnel, including employees of subcontractors, averaged 25 persons during the month of March 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

M O N T H L Y C O N S T R U C T I O N P R O G R E S S R E P O R T

March 1992

CONSTRUCTION OF	Administration Building Expansion at the Robert A. Skinner Filtration Plant		
CONTRACTOR	Tilden-Coil Constructors, Inc.		
SPECIFICATIONS NO.	1197A	BID	\$ 869,000
CONTRACT NO.	1386	EXTRA WORK TO DATE	94,986
CONTRACT STARTING DATE	March 6, 1991	EARNINGS THIS MONTH	105,445
CONTRACT COMPLETION DATE	October 22, 1991	EARNINGS TO DATE	951,524
ACTUAL COMPLETION DATE	March 25, 1992	ESTIMATED PERCENT COMPLETE	100
		PERCENT CONTRACT TIME ELAPSED	100

SCOPE OF WORK

Expansion of the existing main control building consisting of approximately 1,100 square feet of basement, 3,100 square feet of first floor, and renovation of approximately 240 square feet of existing building located at the Robert A. Skinner Filtration Plant.

CONSTRUCTION PROGRESS

All work required under the contract was completed by the prime contractor, Tilden-Coil Constructors, Inc., and accepted by District personnel on March 25, 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 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	566,628
CONTRACT STARTING DATE	May 1, 1990	EARNINGS THIS MONTH	150,867
CONTRACT COMPLETION DATE	July 24, 1991	EARNINGS TO DATE	12,543,099
ESTIMATED COMPLETION DATE	May 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

Completion and/or correction of punch list items and the final calibration and inspection of installed instrumentation and equipment were continued throughout the project as required.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 1992

CONSTRUCTION OF	Relocation of Portion of East Orange County Feeder No. 2		
CONTRACTOR	Albert W. Davies, Inc.		
SPECIFICATIONS NO.	1149	BID	\$ 625,000
CONTRACT NO.	1392	EXTRA WORK TO DATE	22,432
CONTRACT STARTING DATE	September 12, 1991	EARNINGS THIS MONTH	27,700
CONTRACT COMPLETION DATE	May 1, 1992	EARNINGS TO DATE	633,882
ESTIMATED COMPLETION DATE	April 1992	ESTIMATED PERCENT COMPLETE	98
		PERCENT CONTRACT TIME ELAPSED	82

SCOPE OF WORK

Relocation of approximately 437 feet of 79-inch-diameter welded-steel pipeline for the East Orange County Feeder No. 2 located along the widened portion of the Santa Ana Freeway at Nissan Road in the City of Tustin in Orange County, California.

CONSTRUCTION PROGRESS

Tie in of the relocated portions of the pipeline to the existing East Orange County Feeder No. 2 was completed during the scheduled shutdown period and the pipeline was returned to service.

Sand slurry was pumped into the abandoned portion of East Orange County Feeder No. 2 as required by the contract specifications. Approximately 400 cubic yards of slurry was placed.

Placement of native backfill material and restoration of the job site are now in progress.

Contractor personnel, including employees of subcontractors, averaged three persons during the month of March 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 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	296,581
CONTRACT STARTING DATE	June 20, 1990	EARNINGS THIS MONTH	417,350
CONTRACT COMPLETION DATE	May 22, 1992	EARNINGS TO DATE	21,487,572
ESTIMATED COMPLETION DATE	May 1992	ESTIMATED PERCENT COMPLETE	94
		PERCENT CONTRACT TIME ELAPSED	91

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

Grading operations were continued throughout the month for the landscape berm on the northern end of the project along Etiwanda Avenue. Asphalt concrete paving operations were started for the reservoir access road and the site perimeter roads.

Installation of yard piping and various utilities continued at various locations throughout the site. Installation of the washdown water line and the sanitary sewer system was completed during the month. Installation of the emergency diesel generator underground tanks and the associated fuel lines was completed during the month.

Restoration of Etiwanda Avenue and Arrow Highway, including relocation of traffic signals and construction of curbs and gutters, continued throughout the month.

Installation of cabling for lighting fixtures and power receptacles was in progress throughout the control structure. Required acoustic flow meters on the 144-inch manifold and the 96-inch influent line were installed during the month.

Contractor personnel, including employees of subcontractors, averaged 26 persons during the month of March 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 1992

CONSTRUCTION OF	Etiwanda Pipeline		
CONTRACTOR	Advanco Constructors		
SPECIFICATIONS NO.	1170	BID	\$ 43,364,520
CONTRACT NO.	1374	EXTRA WORK TO DATE	237,978
CONTRACT STARTING DATE	August 6, 1990	EARNINGS THIS MONTH	667,071
CONTRACT COMPLETION DATE	April 7, 1992	EARNINGS TO DATE	43,025,142
ESTIMATED COMPLETION DATE	April 1992	ESTIMATED PERCENT COMPLETE	99
		PERCENT CONTRACT TIME ELAPSED	98

SCOPE OF WORK

Construction of approximately 6.15 miles of 144-inch-diameter welded-steel pipeline including valve, meter, and relief structures and appurtenances located along the easterly side of Devore Freeway between Duncan Canyon Road and San Bernardino Avenue in the City of Fontana, California.

CONSTRUCTION PROGRESS

Installation and encasement of a rollout pipe section located at the Southern California Edison steam plant entrance were completed during the month.

Placement of field-applied mortar lining continued throughout the month. Lining repairs were also in progress as required.

Preparations for hydrostatic testing of the completed pipeline were started during the month. The portion of pipeline from the control structure to the Rialto Feeder wye branch was filled with water.

A one-inch asphalt concrete cap was placed at all road crossings during the month and a 3-inch asphalt base course was placed along Etiwanda Avenue.

Restoration of right-of-way to its original condition was continued throughout the pipeline as required.

Electrical installations continued at the Rialto and Etiwanda valve structures. Installation of acoustic meter telephone splice boxes and electrolysis test stations was continued at various locations along the pipeline.

Contractor personnel, including employees of subcontractors, averaged 45 persons during the month of March 1992

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 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	30,216
CONTRACT STARTING DATE	September 14, 1991	EARNINGS THIS MONTH	304,743
CONTRACT COMPLETION DATE	June 25, 1992	EARNINGS TO DATE	1,465,993
ESTIMATED COMPLETION DATE	June 1992	ESTIMATED PERCENT COMPLETE	56
		PERCENT CONTRACT TIME ELAPSED	64

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

Placement of reinforcing steel and concrete were completed for the wall and deck sections of the 6-foot by 10-foot double box conduit. Erection of forms and placement of reinforcing steel and concrete are now in progress for the wall and deck sections of the 10-foot by 10-foot single box conduit.

Fabrication of gang forms for the transition from the double box conduit to the single box conduit was started during the month.

Contractor personnel, including employees of subcontractors, averaged 30 persons during the month of March 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 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	80,270
CONTRACT STARTING DATE	August 28, 1990	EARNINGS THIS MONTH	196,358
CONTRACT COMPLETION DATE	December 4, 1991	EARNINGS TO DATE	5,450,937
ESTIMATED COMPLETION DATE	June 1992	ESTIMATED PERCENT COMPLETE	80
		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

Erection of forms and placement of reinforcing steel and concrete were continued throughout the month for wall and deck sections of the sludge thickener structure.

Installation was continued for launderers, circular sludge collectors, and mechanical equipment at both the reclamation and supernatant pump stations.

Installation of underground electrical ductbanks between manhole structures and various conduit runs to equipment service locations in the washwater reclamation structure was continued throughout the month.

Installation of the metal roof decking at the control building was started during the month.

Painting operations were continued at various locations throughout the project as required.

Contractor personnel, including subcontractor personnel, averaged 25 persons during the month of March 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 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	522,814
CONTRACT COMPLETION DATE	August 5, 1994	EARNINGS TO DATE	6,260,028
ESTIMATED COMPLETION DATE	August 1994	ESTIMATED PERCENT COMPLETE	6
		PERCENT CONTRACT TIME ELAPSED	17

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 for the decks in the north-south pipe gallery and for the slabs-on-grade and walls in the cross tunnel, basin No. 5 and pipe gallery No. 3.

Installation of the subdrain system for module No. 2 was continued throughout the month. Installation of temporary sludge piping and chemical piping was started at the existing cross tunnel within module No. 1.

Excavation operations were started for the washwater pump well at module No. 2. Placement of required crushed rock subgrade continued in portions of basins Nos. 5, 6, and 7.

Installation of ground wire within the cross tunnel and pipe gallery No. 3 was continued throughout the month.

Contractor personnel, including employees of subcontractors, averaged 95 persons during the month of March 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 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	1,747,479
CONTRACT STARTING DATE	December 3, 1990	EARNINGS THIS MONTH	323,890
CONTRACT COMPLETION DATE	October 22, 1992	EARNINGS TO DATE	16,555,117
ESTIMATED COMPLETION DATE	October 1992	ESTIMATED PERCENT COMPLETE	92
		PERCENT CONTRACT TIME ELAPSED	66

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

Installation of the 144-inch-diameter reservoir effluent pipeline No. 2 was continued throughout the month. Installation of the 85-inch-diameter module No. 3 overflow pipeline was also resumed during the month.

Concrete placing operations were in progress for various curbs, gutters, road headers, and driveway aprons.

Construction of the temporary access road and the service road adjacent to recreational area B was completed during the month.

Dewatering operations were continued throughout the month in the area of finished water reservoir No. 2.

Contractor personnel, including employees of subcontractor, averaged 43 persons during the month of March 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

M O N T H L Y C O N S T R U C T I O N P R O G R E S S R E P O R T

March 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	0
CONTRACT STARTING DATE	November 13, 1991	EARNINGS THIS MONTH	149,514
CONTRACT COMPLETION DATE	December 3, 1992	EARNINGS TO DATE	644,170
ESTIMATED COMPLETION DATE	December 1992	ESTIMATED PERCENT COMPLETE	15
		PERCENT CONTRACT TIME ELAPSED	33

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

Installation of shoring continued for the wye branch connection at the Balboa Inlet Tunnel. Second stage excavation for the wye branch installation was also continued throughout the month.

On-site fabrication of the wye branch fitting for the Balboa Inlet Tunnel was in progress throughout the month.

Contractor personnel, including employees of subcontractors, averaged ten persons during the month of March 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

M O N T H L Y C O N S T R U C T I O N P R O G R E S S R E P O R T

March 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	-
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

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 appurtenance work located at the Henry J. Mills Filtration Plant, 550 East Alessandro Boulevard, Riverside, California.

CONSTRUCTION PROGRESS

A contract, in the amount of \$469,000 was awarded to Anchor Fence by the Board of Directors at their meeting of March 10, 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 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	23,862
CONTRACT STARTING DATE	October 4, 1990	EARNINGS THIS MONTH	0
CONTRACT COMPLETION DATE	April 11, 1991	EARNINGS TO DATE	880,759
ESTIMATED COMPLETION DATE	April 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 8 various existing facilities throughout the District's distribution network.

CONSTRUCTION PROGRESS

At the request of the Riverside County Health Department, additional tests were conducted on the treated backfill material at the auto shop site at the Skinner plant. These tests were conducted by PalMar Company and were witnessed by representatives from the Riverside County Health Department and the District.

No field work was performed by the contractor during the month of March 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 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	0
CONTRACT COMPLETION DATE	June 5, 1992	EARNINGS TO DATE	204,574
ESTIMATED COMPLETION DATE	June 1992	ESTIMATED PERCENT COMPLETE	72
		PERCENT CONTRACT TIME ELAPSED	57

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

Painting operations continued to be suspended at the Hinds Pumping Plant site at the contractor's request due to adverse weather conditions in that area. Work is currently scheduled to resume during early April.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 1992

CONSTRUCTION OF	Lift/Access Facilities for Handicapped at Headquarters Building		
CONTRACTOR	Rose Construction		
SPECIFICATIONS NO.	1212	BID	\$ 62,164
CONTRACT NO.	1388	EXTRA WORK TO DATE	0
CONTRACT STARTING DATE	June 10, 1991	EARNINGS THIS MONTH	20,250
CONTRACT COMPLETION DATE	October 16, 1991	EARNINGS TO DATE	61,500
ESTIMATED COMPLETION DATE	April 1992	ESTIMATED PERCENT COMPLETE	99
		PERCENT CONTRACT TIME ELAPSED	100

SCOPE OF WORK

Construction of an enclosed wheelchair lift and access facilities for the handicapped at the Los Angeles Headquarters Building.

CONSTRUCTION PROGRESS

The enclosed wheelchair lift assembly was delivered to the site on March 11, 1992. Installation of the lift is virtually complete except for touch-up painting and correction of minor punch list items.

All remaining work is scheduled for completion during early April, 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

MONTHLY CONSTRUCTION PROGRESS REPORT

March 1992

CONSTRUCTION OF	Replace Emergency Generator at Morris Dam Facility		
CONTRACTOR	Ron Gibson Electric		
SPECIFICATIONS NO.	1236	BID	\$ 41,325
CONTRACT NO.	1399	EXTRA WORK TO DATE	0
CONTRACT STARTING DATE	December 30, 1991	EARNINGS THIS MONTH	0
CONTRACT COMPLETION DATE	May 5, 1992	EARNINGS TO DATE	0
ESTIMATED COMPLETION DATE	May 1992	ESTIMATED PERCENT COMPLETE	0
		PERCENT CONTRACT TIME ELAPSED	0

SCOPE OF WORK

Furnish and install a new 75-kilowatt emergency generator and switching system with a self-contained fuel tank and appurtenances located at the District's Morris Dam Facility near Azusa in Los Angeles County, California.

CONSTRUCTION PROGRESS

No field work has been started to date. Delivery of the new generator is currently scheduled during mid April 1992.

The Metropolitan Water District of Southern California

CONSTRUCTION BRANCH

M O N T H L Y C O N S T R U C T I O N P R O G R E S S R E P O R T

March 1992

CONSTRUCTION OF	Clearing and Grubbing in Domenigoni and Diamond Valleys		
CONTRACTOR	Dave Otteson Company		
SPECIFICATIONS NO.	1252	BID	\$ 68,400
CONTRACT NO.	1401	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

Clear and grub approximately 190 acres of staked property at several separate properties in close proximity with each other located approximately 5 miles southeast of Winchester, California, in Riverside County.

CONSTRUCTION PROGRESS

The contractor continued to submit documentation required prior to final award of the contract.