



**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

June 25, 1993

To: Engineering and Operations Committee--Information

From: General Manager

Subject: Report to the Engineering and Operations Committee on Capital Projects Costing Less Than \$250,000, Service Connections, and Facility Relocations or Protections

Report

The General Manager is required to file a quarterly report on capital projects costing less than \$250,000. This report is for the quarter ending June 30, 1993. Appropriations Nos. 555, 576, 602, 631, and 645 for Fiscal Years 1988/89, 1989/90, 1990/91, 1991/92, and 1992/93, respectively, have been established by the Board to fund these projects. The projects that have been authorized under these appropriations are summarized on the attached Tables 1 through 5.

Pursuant to Section 4708 of the Administrative Code, the General Manager is required to report quarterly to the Engineering and Operations Committee on new service connections that have been approved for construction. During the third quarter ending June 30, 1993, no new service connections were authorized for construction.

Under Section 8118(a) of the Administrative Code, the General Manager is authorized to execute any relocation or protection agreement involving an amount not exceeding \$500,000 and is required to make a quarterly report to the Engineering and Operations Committee regarding his execution of any agreement, pursuant to this authority involving an amount in excess of \$100,000. During the fourth quarter ending June 30, 1993, one new relocation agreement involving an amount in excess of \$100,000 was executed.

<u>Agency</u>	<u>Location</u>	<u>Estimated Cost</u>
Orange County Environmental Management Agency	Orange County Feeder at Santa Ana Delhi Channel, Sta. 1805+60 to	\$320,000

Board Committee Assignment

This letter is referred for information to the Engineering and Operations Committee because the General Manager is required to report quarterly to the Engineering and Operations Committee on new service connections that have been approved for construction pursuant to Administrative Code Section 4708 and any relocation or protection agreement involving an amount not exceeding \$500,000 pursuant to Administrative Code Section 8118(a).

Recommendation

For information only.

  
for General Manager

JIM:kes

(bd:caprej,jun-03173)

Attachments (5)

**TABLE 1**

<b>MINOR CAPITAL PROJECTS</b> <b>FISCAL YEAR 1988 - 1989</b> <b>APPROPRIATION NO. 555</b>			
<b>PROJECT</b>	<b>ESTIMATED PROJECT COST</b>	<b>COST THROUGH 4/30/93</b>	<b>CONSTRUCTION STATUS THROUGH 6/30/93</b>
San Dimas Power Plant - Replace Thrust Bearings	\$60,000	\$64,454	Construction Completed
Yorba Linda Power Plant - Replace Thrust Bearings	60,000	72,782	Construction Completed
Sepulveda Canyon Power Plant - Replace Thrust Bearings	70,000	57,285	Construction Completed
Inglewood Lateral - Install Cathodic Protection System	40,000	26,852	Construction Completed
Sepulveda Feeder - Install Cathodic Protection System	40,000	48,165	Construction Completed
West Valley Feeder No. 2 - Install Two Cathodic Protection Systems	70,000	56,854	Construction Completed
Second Lower Feeder - Install Cathodic Protection System	40,000	29,127	Construction Completed
L.A. Headquarters Bldg. - Uninterruptible Power Supply for Data Processing	74,000	70,897	Installation Completed
Santa Ana Cross Feeder - Relocation Stations 118+00 to 132+00 (Warner Avenue)	30,000	39,002	Construction Completed; Final Costs Being Negotiated With Caltrans
<b>TOTAL</b>	<b>\$484,000</b>	<b>\$465,418</b>	

**TABLE 2**

**MINOR CAPITAL PROJECTS  
FISCAL YEAR 1989 - 1990  
APPROPRIATION NO. 576**

PROJECT	ESTIMATED PROJECT COST	COST THROUGH 4/30/93	CONSTRUCTION STATUS THROUGH 6/30/93
Los Angeles Headquarters - Modify HVAC at South End	\$65,000	\$15,463	Deferred Pending Headquarters Space Study
Modify Control Room Lighting at Diemer, Skinner, & Weymouth Plants	50,000	36,087	Installation Completed
Santiago Lateral Control Tower - Systems Telemetry Equipment	40,000	48,752	Installation Completed
Diemer Plant - Construct Mobile Pilot Parking Site	55,000	0	Project Deferred
Kaiser Mine Airstrip - Resurfacing	70,000	68,206	Construction Completed
Palos Verdes Reservoir - Rehabilitate Monitoring & Alarm System	60,000	49,937	Installation Completed
Foothill Pressure Control Structure and Power Plant - Replace Roof	70,000	12,096	Construction Scheduled For Early 1994
Microwave Alarm System - Upgrade and Enhancement	67,000	65,998	Installation Completed
Lake Mathews - Replace Emergency Standby Generator	29,000	28,975	Installation Completed
Long Beach Lateral - Install Cathodic Protection System	72,000	63,254	Construction Completed
Gene Pumping Plant - Construct Gatehouse Mobile Crane Platform	53,000	52,105	Construction Completed
Jensen Plant - Chlorination Feed Modifications	47,000	30,175	Construction Completed
Mills Plant - Modules 1 & 2 - Baffling For Flocculation Basins	50,000	55,228	Installation Completed
<b>TOTAL</b>	<b>\$728,000</b>	<b>\$526,276</b>	

**TABLE 3**

**MINOR CAPITAL PROJECTS**

**FISCAL YEAR 1990 - 1991**

**APPROPRIATION NO. 602**

PROJECT	ESTIMATED PROJECT COST	COST THROUGH 4/30/93	CONSTRUCTION STATUS THROUGH 6/30/93
Live Oak Reservoir - Resurface West Lower Patrol Road	\$45,000	\$64,240	Construction Completed
Gene Industrial Area - 2300 Volt Underground Service	50,000	11,741	Installation Completed
Diemer Filtration Plant - Replace Emergency Transfer Switch	35,000	45,416	Construction Completed
Mills Filtration Plant - Catwalk Module 1	45,000	68,446	Construction Completed
Mills Filtration Plant - Mobile Pilot Plant Parking Site	50,000	17,278	Project Deferred
Skinner Filtration Plant - Mobile Pilot Plant Parking Site	50,000	5,875	Construction Scheduling In Progress - Location Pending
Lakeview Pipeline - Install Cathodic Protection System	67,000	52,384	Construction Completed
Yorba Linda Feeder - Install Corrosion Control System	74,000	72,951	Construction Completed
Morris Dam - Replace Emergency Power System	70,000	69,283	Construction Completed
La Verne Facilities - Install Hydraulic Press Brake	73,000	69,569	Construction Completed
Weymouth F. P. - Replace Storm Drain	65,000	69,869	Construction Completed
<b>TOTAL</b>	<b>\$624,000</b>	<b>\$547,052</b>	

**TABLE 4**

MINOR CAPITAL PROJECTS FISCAL YEAR 1991 - 1992 APPROPRIATION NO. 631			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 4/30/93	CONSTRUCTION STATUS THROUGH 6/30/93
Irvine Pressure Control Structure and Reservoir Bypass Control	\$150,000	\$140,267	Construction Completed
Box Springs Feeder - Install Chlorine Diffuser	135,000	16,101	Construction Scheduled For Completion In Early 1994
Jensen Filtration Plant - Filters Modifications	215,000	30,483	Testing Requires High Flow Through Plant
La Verne Facilities - New Paint Spray Booth	160,000	136,408	Installation Scheduled For Late 1993
Skinner Filtration Plant - Leach Field Expansion	160,000	128,168	Installation Completed
Gene, Iron Mountain and Eagle Mountain Pumping Plants - Install Acoustical Flowmeters	235,000	150,837	Installation Completed
LAHQ Annex Building - Main Line Sewer Modification	45,000	26,628	Construction Completed
Eagle Mountain Village - Remove, Regrade and Replace Asphalt	95,000	0	Construction Scheduled For Completion In Mid-1993
Hinds Village - Remove, Regrade, and Replace Asphalt	50,000	0	Construction Scheduled For Completion In Mid-1993
Mills Filtration Plant - Outdoor Plant Lighting	45,000	17,881	Construction Completed
La Verne Facil., Machine Shop - Machine Controller	60,000	67,826	Installation Completed
Lake Skinner - Inlet Canal Fish Barrier Facility, Elect. Supply	83,000	59,266	Installation Scheduled For Late 1993
La Verne Facil., Machine Shop - Replace Turning Center	170,000	165,903	Installation Completed
Headquarters Building Garage - Ventillation System	110,000	34,363	Installation Scheduled For Late 1993
<b>SUBTOTAL</b>	<b>\$1,713,000</b>	<b>\$974,131</b>	

**TABLE 4, CONTINUED**

<b>MINOR CAPITAL PROJECTS</b> <b>FISCAL YEAR 1991 - 1992</b> <b>APPROPRIATION NO. 631</b>			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 4/30/93	CONSTRUCTION STATUS THROUGH 6/30/93
Foothill Feeder - Supply Electric Power to Blowoff/Chlorine Structure	\$68,000	\$61,100	Construction Completed
La Verne Facilities - Torch Cutting System	74,000	85,930	Installation Completed
Purchase Multiple Address Spec. System Radio Frequencies	50,000	18,909	Purchase Order Has Been Placed; FCC Approval Pending
La Verne Facilities - Enlarge Women's Restroom	95,000	14,398	Construction Scheduled For Completion In Late 1993
Diemer Filtration Plant - Elevator Modif.	45,000	36,357	Construction Completed
San Diego Pipelines 4 & 5, Sta. 1855+80 to 1919+00 - Corrosion Control	230,000	15,226	Installation Scheduled For Late 1993
Sepulveda Feeder, Sta. 274+00 to 324+00, Sched. 123 P.S. - Corrosion Mitigation	90,000	40,141	Construction Completed
Distribution System - Multiple Address Spectrum System	120,000	849	Work Order Issued; Waiting For FCC License
Live Oak Reservoir - Desilting Basin Improvements	86,000	168,127	Construction Completed
Service Connection PM-14 - Replace Flowmeter	40,000	4,205	Construction Scheduled For Completion In Mid-1993
San Joaquin Reservoir - Domestic Water System	50,000	304	Construction Scheduled For Completion In Late 1993
Material Test Facility - Coatings Applic. Room	245,000	6,700	Preliminary Design In Progress
Rialto Fdr./Etiwanda Pipeline Interconn. - Valve Structure - Security Fence	25,000	11,782	Construction Completed
<b>TOTAL</b>	<b>\$2,931,000</b>	<b>\$1,438,159</b>	

**TABLE 5**

MINOR CAPITAL PROJECTS FISCAL YEAR 1992 - 1993 APPROPRIATION NO. 645			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 4/30/93	CONSTRUCTION STATUS THROUGH 6/30/93
Upper Feeder - Stas. 420+00 to 480+00 - Cathodic Protection System	\$100,000	\$2,999	Installation Scheduled For Late 1993
Palos Verdes Feeder - Dominguez Channel Pressure Relief Structure - Valve Rehab.	95,000	32,533	Valves On Order
Iron Mtn. Pump Plant - O&M Warehouse - Mezzanine Construction	35,000	650	Construction Completed
Skinner Filtration Plant - 1P2 Electrical Panel - Replacement	65,000	329	Final Design In Progress
All Pumping Plants - Bridge Cranes - Seismic Restraints	210,000	1,208	Study In Progress
Lake Skinner - Outlet Conduit, Install Flow Meter	170,000	11,309	Final Design In Progress
La Verne Facilities - Materials Testing Lab - Replace Cooling System	190,000	0	Installation Scheduled For Late 1993
C.R.A. - Pump Plants - Online Instrumentation For Microfiltration Units	100,000	0	Microfiltration Units On Order
<b>TOTAL</b>	<b>\$965,000</b>	<b>\$49,027</b>	