



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

December 28, 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 December 31, 1993. Appropriations Nos. 555, 576, 602, 631, 645, and 661 for Fiscal Years 1988/89, 1989/90, 1990/91, 1991/92, 1992/93, and 1993/94, 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 6.

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 second quarter ending December 31, 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 second quarter ending December 31, 1993, no new relocation agreements involving an amount in excess of \$100,000 were executed.

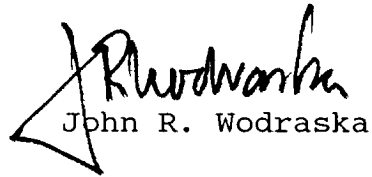
Board Committee Assignment

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 agreement amount in excess of \$100,000 and a total estimated cost not exceeding \$500,000 pursuant to Administrative Code Section 8118(a).

Recommendation

For information only.


John R. Wodraska

JIM/jj
(bd:capproj.dec-12093)

Attachments (6)

TABLE 1

| MINOR CAPITAL PROJECTS FISCAL YEAR 1988 - 1989 APPROPRIATION NO. 555 | | | |
|---|------------------------------|-----------------------------|--|
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 10/31/93 | CONSTRUCTION STATUS THROUGH 12/31/93 |
| 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 |
| TOTAL | \$484,000 | \$465,418 | |

TABLE 2

| MINOR CAPITAL PROJECTS FISCAL YEAR 1989 - 1990 APPROPRIATION NO. 576 | | | |
|--|------------------------------|-----------------------------|---|
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 10/31/93 | CONSTRUCTION STATUS THROUGH 12/31/93 |
| 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 |
| 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 | 55,447 | Installation Completed |
| TOTAL | \$658,000 | \$514,399 | |

TABLE 3

| MINOR CAPITAL PROJECTS FISCAL YEAR 1990 - 1991 APPROPRIATION NO. 602 | | | |
|--|------------------------------|-----------------------------|--|
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 10/31/93 | CONSTRUCTION STATUS THROUGH 12/31/93 |
| 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 | 7,314 | 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 Syste | 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 |
| TOTAL | \$624,000 | \$548,491 | |

TABLE 4

| MINOR CAPITAL PROJECTS FISCAL YEAR 1991 - 1992 APPROPRIATION NO. 631 | | | |
|---|------------------------------|-----------------------------|---|
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 10/31/93 | CONSTRUCTION STATUS THROUGH 12/31/93 |
| Irvine Pressure Control Structure and Reservoir Bypass Control | \$150,000 | \$140,267 | Construction Completed |
| Box Springs Feeder - Install Chlorine Diffuser | 135,000 | 27,199 | Construction Deferred |
| Jensen Filtration Plant - Filters Modifications | 215,000 | 30,483 | Testing Requires High Flow Through Plant |
| La Verne Facilities - New Paint Spray Booth | 160,000 | 194,524 | Installation Completed |
| Skinner Filtration Plant - Leach Field Expansion | 160,000 | 129,091 | Installation Completed |
| Gene, Iron Mountain and Eagle Mountain Pumping Plants - Install Acoustical Flowmeters | 235,000 | 150,839 | 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 Early 1994 |
| Hinds Village - Remove, Regrade, and Replace Asphalt | 50,000 | 0 | Construction Scheduled For Completion In Early 1994 |
| La Verne Facil., Machine Shop - Machine Controller | 60,000 | 67,826 | Installation Completed |
| Lake Skinner - Inlet Canal Fish Barrier Facility, Elect. Supply | 83,000 | 81,416 | Installation Completed |
| La Verne Facil., Machine Shop - Replace Turning Center | 170,000 | 165,903 | Installation Completed |
| Headquarters Building Garage - Ventillation System | 110,000 | 86,432 | Installation Scheduled For Early 1994 |
| SUBTOTAL | \$1,668,000 | \$1,100,608 | |

TABLE 4, CONTINUED

| MINOR CAPITAL PROJECTS FISCAL YEAR 1991 - 1992 APPROPRIATION NO. 631 | | | |
|---|------------------------------|-----------------------------|---|
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 10/31/93 | CONSTRUCTION STATUS THROUGH 12/31/93 |
| Foothill Feeder - Supply Electric Power to Blowoff/Chlorine Structure | \$68,000 | \$61,099 | Construction Completed |
| La Verne Facilities - Torch Cutting System | 74,000 | 86,730 | Installation Completed |
| La Verne Facilities - Enlarge Women's Restroom | 95,000 | 114,528 | Construction Scheduled For Completion In Early 1994 |
| 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 | 88,029 | Installation Scheduled For Early 1994 |
| Sepulveda Feeder, Sta. 274+00 to 324+00, Sched. 123 P.S. - Corrosion Mitigation | 90,000 | 42,710 | Construction Completed |
| Distribution System - Multiple Address Spectrum System | 120,000 | 2,403 | Work Order Issued; Waiting For FCC License |
| Live Oak Reservoir - Desilting Basin Improvements | 86,000 | 169,645 | Construction Completed |
| Service Connection PM-14 - Replace Flowmeter | 40,000 | 4,205 | Construction Completed |
| San Joaquin Reservoir - Domestic Water System | 50,000 | 304 | Construction Scheduled For Completion In Mid-1994 |
| Material Test Facility - Coatings Applic. Room | 245,000 | 6,703 | Preliminary Design In Progress |
| Valve Structure - Security Fence | | | |
| TOTAL | \$2,811,000 | \$1,713,320 | |

TABLE 5

| MINOR CAPITAL PROJECTS FISCAL YEAR 1992 - 1993 APPROPRIATION NO. 645 | | | |
|---|------------------------------|-----------------------------|---|
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 10/31/93 | CONSTRUCTION STATUS THROUGH 12/31/93 |
| Upper Feeder - Stas. 420+00 to 480+00 - Cathodic Protection System | \$100,000 | \$13,295 | Installation Scheduled For Mid-1994 |
| Palos Verdes Feeder - Dominguez Channel Pressure Relief Structure - Valve Rehab. | 95,000 | 90,336 | 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 | 38,518 | Final Design In Progress |
| All Pumping Plants - Bridge Cranes - Seismic Restraints | 210,000 | 18,110 | Study In Progress |
| Lake Skinner - Outlet Conduit, Install Flow Meter | 170,000 | 41,571 | Installation Scheduled For Early 1994 |
| La Verne Facilities - Materials Testing Lab - Replace Cooling System | 190,000 | 64,629 | Installation Scheduled For Early 1994 |
| C.R.A. - Pump Plants - Online Instrumentation For Microfiltration Units | 100,000 | 23,469 | Microfiltration Units On Order |
| TOTAL | \$965,000 | \$290,578 | |

TABLE 6

| MINOR CAPITAL PROJECTS FISCAL YEAR 1993 - 1994 APPROPRIATION NO. 661 | | | |
|--|------------------------------|-----------------------------|---|
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 10/31/93 | CONSTRUCTION STATUS THROUGH 12/31/93 |
| La Verne Facilities - Emergency Generator | \$75,000 | \$0 | Construction Completed |
| Diemer Filtration Plant - MWD/Edison Helicopter Land Site | 40,447 | 40,447 | Construction Completed |
| La Verne Machine Shop - Horizontal Boring Mill - Replace Controller | 184,000 | 0 | Installation Scheduled For Early 1994 |
| Mills Plant - Module No. 1 - Filter Bed Turbidimeter Upgrade | 42,000 | 0 | Materials Being Ordered |
| La Verne Facilities - Expansion of Sanitary Sewer Capacity | 215,000 | 2,980 | Work Order Issued |
| Riverside Branch - Alessandor Blvd. and Barto Street, Left Hand Turn Lane | 75,000 | 105 | Construction Scheduled For Mid-1994 |
| SUBTOTAL | \$631,447 | \$43,532 | |