

Capital Projects

June 15, 1999

To: Engineering and Operations Committee—Information

From: General Manager _____

Submitted by: Gary M. Snyder
Chief Engineer _____

Subject: Capital Projects Costing Less Than \$250,000, Service Connections, and Facility Relocations or Protections

RECOMMENDATION

For information only.

DETAILED REPORT

The General Manager is required to file a quarterly report on capital projects costing less than \$250,000. This report shows the project status through the fourth quarter ending June 30, 1999. Appropriations 15250, 15273, 15289, 15302, and 15327 for Fiscal Years 1994/95, 1995/96, 1996/97, 1997/98, and 1998/99 respectively, have been established by the Board to fund these projects. The projects that have been authorized under these appropriations are summarized in Attachment A.

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 fourth quarter ending June 30, 1999, 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 the execution of any agreement, pursuant to this authority, involving an amount in excess of

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\$100,000. During the fourth quarter ending June 30, 1999, one relocation and one protection agreement involving an amount in excess of \$100,000 were executed.

| <u>AGENCY</u> | <u>LOCATION</u> | <u>ESTIMATED AMOUNT</u> |
|--|--|-----------------------------|
| Vulcan Materials | East Valley Feeder Pacoima | \$225,000 |
| State of California Dept. of Transportation | Rialto Feeder Encasement San Bernardino | \$200,000 |

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Attachment A

Attachment A

| MINOR CAPITAL PROJECTS FISCAL YEAR 1994 - 1995 APPROPRIATION NO. 15250 | | | |
|---|------------------------------|----------------------------|--|
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 5/31/99 | CONSTRUCTION STATUS THROUGH 6/30/99 |
| Red Mountain Pressure Control Facility - Bypass Sleeve Valve Backup Power | 115,000 | 62,120 | Construction Complete, Performing Start - Up Testing |
| Riverside Branch - Lower Feeder STA 257+90 Modify Facility and Access Road | 110,000 | 57,332 | Project Complete * |
| Skinner Branch - Construct 50' x 150' Metal Storage Building | 240,000 | 88,480 | Construction Scheduled for Completion 2 nd Quarter FY 99/00 |
| Completed Projects - (17) | 1,321,708 | 1,321,708 | |
| TOTAL | \$1,786,510 | \$1,529,640 | *Reported Individually, if completed in the last 3 months |

| MINOR CAPITAL PROJECTS FISCAL YEAR 1995 - 1996 APPROPRIATION NO. 15273 | | | |
|---|------------------------------|-------------------------|--|
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 5/31/99 | CONSTRUCTION STATUS THROUGH 6/30/99 |
| Water Quality - Automated Reservoir Monitoring | 233,100 | 223,011 | Re -Testing Scheduled for 1 st Quarter FY 99/00 |
| Skinner Filtration Plant - Ferric Chloride Retrofit at Plant 2 | 249,900 | 226,313 | Modifications Scheduled for Completion 1 st Quarter FY 99/00 |
| Diemer Filtration Plant - Aluminum Ferric Jet Mixer Retrofit Diffusers Modification | N/A | N/A | This Project is Now a Major Capital Program |
| Relocate Portion of Orange County Feeder (MWD's Share) | 175,000 | 4,143 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| Jensen Filtration Plant - Replace Air Conditioning for Main Administration Building | 100,000 | 85,118 | Replacement Completed, Testing Scheduled for Completion First Quarter FY 99/00 |
| Completed Projects - (17) | 1,510,698 | 1,504,447 | |
| TOTAL | \$2,268,698 | \$2,043,111 | |

| MINOR CAPITAL PROJECTS FISCAL YEAR 1996 - 1997 APPROPRIATION NO. 15289 | | | |
|---|------------------------|----------------------|---|
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 5/31/99 | CONSTRUCTION STATUS THROUGH 6/30/99 |
| Jensen Filtration Plant - Install Scupper Gates | 95,000 | 94,760 | Project Completed * |
| Skinner Filtration Plant - Seismic Upgrades of Tank Farm No. 1 | 147,000 | 27,764 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| Jensen Filtration Plant - Modifications to Module No. 3 Overflow Pipeline Discharge Structure | 152,000 | 17,276 | Construction Scheduled for Completion 2 nd Quarter FY99/00 |
| Jensen Filtration Plant - Relocate Ammonia/ Caustic Piping | 240,000 | 222,417 | Project Completed * |
| Special Services - Upgrade Plate Roller | 243,000 | 230,436 | Training Operators and Ordering Attachments |
| La Verne Facilities - Basin Sludge Pump Valves Replacement | 30,000 | 6,383 | Project is On Hold |
| Skinner Branch - Casa Loma Canal Acoustic Meter | 245,000 | 127,206 | Construction Complete, Waiting for Notice of Completion |
| Distribution System - Wide Selected Pressure Control Structures - Replace Valve Position Indicators | 190,095 | 137,899 | Replacement of Valves Scheduled for Completion 1 st Quarter FY 99/00 |
| Completed Projects - (11) Canceled Projects - (1) | 1,285,588 | 1,093,468 | |
| TOTAL | \$2,627,683 | \$1,957,602 | *Reported individually, if completed in the last 3 months |

| MINOR CAPITAL PROJECTS | | | |
|--|------------------------------|-------------------------|---|
| FISCAL YEAR 1997 - 1998 | | | |
| APPROPRIATION NO. 15302 | | | |
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 5/31/99 | CONSTRUCTION STATUS THROUGH 6/30/99 |
| Diemer Filtration Plant - Asphalt Road Repair | 191,000 | 59,311 | Construction Scheduled for Completion 4 th Quarter FY 99/00 |
| Lake Skinner - Replace Stainless Steel Aerator Ring | 80,000 | 42,352 | Project Complete * |
| Jensen Filtration Plant - Water Loop Pressure Upgrade | 60,000 | 35,588 | Construction Scheduled for Completion 4 th Quarter FY 99/00 |
| Weymouth Filtration Plant - Effluent Valve Conversion at Filter Beds 1-24 | 220,000 | 175,591 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| Jensen Filtration Plant - Sandblasting Booth Purchase and Installation | 65,000 | 0 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| Diemer Filtration Plant - Sludge Dewatering Drying Improvements | 241,000 | 123,432 | Construction Scheduled for Completion 2 nd Quarter FY 99/00 |
| Orange County Reservoir - Piezometers and Seepage Monitoring Automation | 95,000 | 95,082 | Project Complete * |
| Selected Pressure Control Structures - Replace Valve Position Indicators | 190,095 | 60,097 | Replacement Scheduled for Completion 2 nd Quarter FY 99/00 |
| Lake Mathews Facility - Wide Emergency Warning/Paging System | 50,000 | 0 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| Diemer Filtration Plant - Wastewater Discharge System | 184,000 | 57,833 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| Allen-McColloch Pipeline - Flow Meters Upgrades | 173,000 | 32,710 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| Olinda Pressure Control Structure - Vibration Mitigation - Right-of-Way Acquisition | 50,000 | 52,152 | Easement Has Been Secured. Waiting for Notice of Completion |
| Desert Branch - Purchase and Install Five Port Video Conferencing Bridge | 85,000 | 11,937 | Installation Scheduled for Completion 1 st Quarter FY 99/00 |
| Completed Projects - (7) | 1,026,495 | 938,320 | |
| Total | \$2,560,590 | \$1,673,114 | * Reported individually, if completed in the last 3 months |

| MINOR CAPITAL PROJECTS | | | |
|---|------------------------------|----------------------------|--|
| FISCAL YEAR 1998 - 1999 | | | |
| APPROPRIATION NO. 15327 | | | |
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 5/31/99 | CONSTRUCTION STATUS THROUGH 6/30/99 |
| La Verne Facilities - Energy Conservation Projects ECM 1 and 10 | 85,000 | 2,759 | Project Complete * |
| Skinner Filtration Plant - Replace Air Compressors | 83,039 | 1,659 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| Bar 97 - Enhanced Area Vehicle Testing | 247,000 | 0 | Construction Scheduled for Completion 2 nd Quarter FY 99/00 |
| Colorado River Aqueduct - Cabazon and Potrero Shaft Covers | 160,000 | 45,175 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| La Verne Facilities - Weymouth Filtration Plant, Filter Effluent Chlorine Injection Modification | 86,000 | 57,805 | Project Complete * |
| Distribution System - Stationary Corrosion Reference Electrodes | 210,000 | 125,818 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| La Verne Facilities - Upper Feeder Puddingstone Spillway, Cross Connection | 205,000 | 82,437 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| Jensen Filtration Plant - Emergency Generator Load Bank Cover | 35,000 | 2,609 | Project Cancel * |
| Special Services Branch - Install Emergency Generator for the Shops | 96,000 | 97,441 | Installation 95% Complete, Start-Up Testing Scheduled 1 st Quarter FY 99/00 |
| Allen McColloch Pipeline - Structure Precast Concrete Roof Slab Repairs | 170,000 | 32,754 | Construction Scheduled for Completion 2 nd Quarter FY 99/00 |
| Skinner Branch - Casa Loma Siphon Barrel One Bulkhead | 110,000 | 96,193 | Installation of Bulkhead is Complete, Installation of Grate Scheduled for Completion 1 st Quarter FY 99/00 |
| Riverside Branch, Upper Feeder - Santa Ana River - Repair Leaking Coupling | 245,000 | 15,890 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| SUB-TOTAL | \$1,732,039 | \$560,540 | * Reported individually, if completed in the last 3 months |

| MINOR CAPITAL PROJECTS FISCAL YEAR 1998 - 1999 APPROPRIATION NO. 15327 | | | |
|---|------------------------------|-------------------------|--|
| PROJECT | ESTIMATED PROJECT COST | COST THROUGH 5/31/99 | CONSTRUCTION STATUS THROUGH 6/30/99 |
| Weymouth Filtration Plant - Domestic Water Pump Upgrade | 140,000 | 28,087 | Construction Scheduled for Completion 2 nd Quarter FY 99/00 |
| Water Quality Remote Monitoring | 168,224 | 4,701 | Construction Scheduled for Completion 2 nd Quarter FY 99/00 |
| Video Conference System | 40,000 | 763 | Project Completed * |
| Skinner Filtration Plant - Repair Module 1 and 2 Flocculator Bridges | 60,000 | 10,498 | Construction Scheduled for Completion 2 nd Quarter FY 99/00 |
| Skinner Filtration Plant - Construct Canopy Membrane Structure | 130,000 | 94,789 | Construction Complete, Waiting for Notice of Completion |
| Iron Mountain - Transformer Oil Tank Relocation | 219,900 | 69,834 | Construction Scheduled for Completion 2 nd Quarter FY 99/00 |
| Palos Verdes Feeder - 108 th Street PCS - Valve Replacement | 185,000 | 7,196 | Replacement Scheduled for Completion 4 th Quarter FY 99/00 |
| Skinner Branch - San Diego Canal Acoustic Flow Meter | 210,000 | 162,628 | Construction Scheduled for Completion 1 st Quarter FY 99/00 |
| Skinner Filtration Plant - Catwalk for Traveling Maintenance Bridge Module 3 | 140,000 | 3,240 | Construction scheduled for completion 2 nd Quarter FY 99/00 |
| Completed Projects - (4) | 552,000 | 536,547 | |
| TOTAL | \$3,285,873 | \$1,500,931 | * Reported individually, if completed in the last 3 months |