

Capital Projects

December 15, 1998

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 second quarter ending December 31, 1998. 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 second quarter ending December 31, 1998, 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, 1998, no relocation or protection agreements involving an amount in excess of \$100,000 were executed.

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Attachment A

Attachment A

<p align="center">MINOR CAPITAL PROJECTS FISCAL YEAR 1994 - 1995 APPROPRIATION NO. 15250</p>			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 10/30/98	CONSTRUCTION STATUS THROUGH 11/30/98
Red Mountain Pressure Control Facility -Bypass Sleeve Valve Backup Power	115,000	24,548	Construction scheduled for completion in early 1999
Lower Feeder - Station 527 + 90 - Modify Facility	50,000	18,290	Modification due to be complete in early 1999
Skinner Branch - Construct 50' x 150' Metal Storage Building	240,000	31,610	Construction scheduled for completion in mid 1999
Completed Projects - (16)	1,899,800	1,321,509	
TOTAL	\$2,304,800	\$1,395,957	

<p align="center">MINOR CAPITAL PROJECTS FISCAL YEAR 1995 - 1996 APPROPRIATION NO. 15273</p>			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 10/30/98	CONSTRUCTION STATUS THROUGH 11/30/98
Water Quality - Automated Reservoir Monitoring	233,100	220,791	Construction scheduled for completion early 1999
Skinner Filtration Plant - Ferric Chloride Retrofit at Plant 2	240,000	239,503	Construction scheduled for completion early 1999
Jensen Filtration Plant - Main Administration and Service Center Buildings - Replace Air Conditioning	200,200	84,810	Project completed *
Lake Mathews - Multiple Species Reserve - Manager's Office & Residence	250,000	248,000	Project completed *
Diemer Filtration Plant-Aluminum Ferric Jet Mixer Retrofit Diffusers Modification	245,000	223,098	Retrofit diffusers modification is scheduled to be completed in mid 1999
Completed Projects - (16)	1,544,000	1,254,293	
TOTAL	\$2,712,300	\$2,270,495	*Reported individually, if completed in the last 3 months

MINOR CAPITAL PROJECTS			
FISCAL YEAR 1996 - 1997			
APPROPRIATION NO. 15289			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 10/30/98	CONSTRUCTION STATUS THROUGH 11/30/98
Jensen Filtration Plant - Install Scupper Gates	95,000	84,222	Installation scheduled during next shut down
Skinner Filtration Plant - Seismic Upgrades of Tank Farm No. 1	147,000	27,764	Installation scheduled for completion in early 1999
Jensen Filtration Plant - Modifications to Module No. 3 Overflow Pipeline Discharge Structure	245,000	17,276	Construction on hold pending LADWP decision on Bull Creek.
Jensen Filtration Plant - Relocate Ammonia/ Caustic Piping	240,000	243,301	Construction scheduled for completion in early 1999
Special Services - Upgrade Plate Roller	243,000	230,436	Plate Roller machine received, personnel training in progress, estimated completion date early 1999
La Verne Facilities - Basin Sludge Pump Valves Replacement	30,000	5,771	Project is on-hold
Jensen Filtration Plant-Reconstruction of Road Between Basin 2 and 3 of Module 1	249,700	62,981	Project completed *
Skinner Branch - Casa Loma Canal Acoustic Meter	210,000	90,735	Installation scheduled for completion in early 1999
Distribution System - Wide Selected Pressure Control Structures - Replace Valve Position Indicators	191,000	178,757	Replacement of valves scheduled for completion in early 1999
Completed Projects - (9)	1,120,000	960,387	
TOTAL	\$2,770,700	\$1,901,630	*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 10/30/98	CONSTRUCTION STATUS THROUGH 11/30/98
Diemer Filtration Plant - Asphalt Road Repair	191,000	2,317	Project scheduled for completion in early 1999
Allen-McColloch Pipeline Meter Upgrade	173,000	32,295	Project completed *
Diemer Filtration Plant - On-Line Turbidity Meters Replacement	207,000	99,511	Project completed *
Lake Skinner - Replace Stainless Steel Aerator Ring	80,000	42,213	Project scheduled for completion in mid 1999
Jensen Filtration Plant - Water Loop Pressure Upgrade	249,000	33,561	Pending coordination of Service Center construction
Weymouth Filtration Plant - Effluent Valve Conversion at Filter Beds 1-24	220,000	166,390	Construction scheduled for completion in early 1999
Riverside Branch - Motion Sensors in New Expansion Buildings & Tunnels	45,000	48,785	Project completed *
Jensen Filtration Plant - Sandblasting Booth Purchase & Installations	65,000	0	Estimated completion date mid 1999
Diemer Filtration Plant - Sludge Dewatering Drying Improvements	241,000	90,806	Remaining improvements scheduled for completion in mid 1999
Orange County Reservoir - Piezometers and Seepage Monitoring Automation	90,000	93,826	Project scheduled for completion in early 1999
Selected Pressure Control Structures - Replace Valve Position Indicators	190,000	22,230	Replacement of valves scheduled for completion in late 1999
Lake Mathews Facility - Wide Emergency Warning/Paging System	50,000	0	Project Opened
Diemer Filtration Plant - Wastewater Discharge System	184,000	40,464	Project scheduled for completion in early 1999
SUB-TOTAL	\$1,561,000	\$609,504	*Reported individually, if completed in the last 3 months

<p align="center">MINOR CAPITAL PROJECTS</p> <p align="center">FISCAL YEAR 1997 - 1998</p> <p align="center">APPROPRIATION NO. 15302</p>			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 10/30/98	CONSTRUCTION STATUS THROUGH 11/30/98
District Service Area - Upgrade Two-Way Radio System	200,000	240,614	Project scheduled for completion in early 1999
Completed Projects - (7)	799,000	694,411	
TOTAL	\$2,560,000	\$1,544,529	

MINOR CAPITAL PROJECTS			
FISCAL YEAR 1998 - 1999			
APPROPRIATION NO. 15327			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 10/30/98	CONSTRUCTION STATUS THROUGH 11/30/98
La Verne Facilities - Energy Conservation Projects ECM 1 and 10	75,000	979	Preliminary design scheduled for completion in early 1999
Skinner Filtration Plant-Replace Air Compressors	83,039	176	Project opened
Bar 97 - Enhanced Area Vehicle Testing	247,000	0	Project opened
CRA-Cabazon and Potrero Shaft Covers	160,000	12,447	In final design phase, project scheduled for completion mid 1999
La Verne Facilities - Weymouth Filtration Plant, Filter Effluent Chlorine Injection Modification	86,000	16,726	Project opened
Distribution System-Stationary Corrosion Reference Electrodes	210,000	27,454	Construction scheduled for completion in early 1999
La Verne Facilities - Upper Feeder Puddingstone Spillway, Cross Connection	205,000	10,032	Construction scheduled for completion in early 1999
Jensen Emergency Generator Load Bank Cover	35,000	0	Project opened
Special Services Branch-Install Emergency Generator for the Shops	96,000	13,433	In final design, estimated project completion date in mid 1999
Allen McColloch Pipeline Structure Precast Concrete Roof Slab Repairs	170,000	3,821	In final design, estimated project completion date in mid 1999
Skinner Branch-Casa Loma Siphon Barrel One Bulkhead	110,000	85,703	Construction scheduled for completion in early 1999
Corrosion Materials Testing Facility SCADA Upgrade	60,000	14,439	Project scheduled for completion in early 1999
z Riverside Branch, Upper Feeder-Santa Ana River- Repair Leaking Coupling	236,000	0	Study phase scheduled for completion in early 1999
Mills Filtration Plant - Construct V-Ditch	27,000	0	Project opened
Weymouth Filtration Plant-Land Acquisition	225,000	222,397	Project completed*
SUB-TOTAL	\$2,025,039	\$407,607	*Reported individually, if completed in the last 3 months

<p style="text-align: center;">MINOR CAPITAL PROJECTS FISCAL YEAR 1998 - 1999 APPROPRIATION NO. 15327</p>			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 10/30/98	CONSTRUCTION STATUS THROUGH 11/30/98
Weymouth Filtration Plant-Domestic Water Pump Upgrade	100,000	0	Study phase scheduled for completion in early 1999
Water Quality Remote Monitoring	168,224	4,701	Project opened
Video Conference System	40,000	0	Project scheduled for completion in early 1999
Sepulveda Canyon Water Tanks - External Coating	240,000	0	In design phase scheduled for completion in mid 1999
Completed Projects - (0)	0	0	
TOTAL	\$2,573,263	\$412,308	