



**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

June 16, 1998

**To:** Engineering and Operations Committee--Information  
**From:** General Manager  
**Submitted by:** Gary M. Snyder  
for 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, 1998. Appropriations 15250, 15273, 15289, and 15302, for Fiscal Years 1994/95, 1995/96, 1996/97, and 1997/98, 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, 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 fourth quarter ending June 30, 1998, no relocation or protection agreements involving an amount in excess of \$100,000 were executed.

JAJvlh:rev3  
(4<sup>th</sup> qtr. minor caprpt. ending 30 June 1998)  
Attachment(s)

Attachment A

(Page 1 of 5)

**MINOR CAPITAL PROJECTS**  
**FISCAL YEAR 1994 - 1995**  
**APPROPRIATION NO. 15250**

PROJECT	ESTIMATED PROJECT COST	COST THROUGH 5/31/98	CONSTRUCTION STATUS THROUGH 6/30/98
Red Mountain Pressure Control Facility - Bypass Sleeve Valve Backup Power	115,000	23,726	All items procured. Construction scheduled for completion in late 1998.
Lower Feeder - Station 527 + 90 - Modify Facility	50,000	18,291	Construction scheduled for mid-1998. Waiting for crew availability.
Skinner Branch - Construct 50' x 150' Metal Storage Building	220,000	19,206	Construction scheduled for late 1998.
<b>Completed Projects - (16)</b>	1,899,800	1,321,509	
<b>TOTAL</b>	<b>\$2,284,800</b>	<b>\$1,382,732</b>	

Attachment A

(Page 2 of 5)

**MINOR CAPITAL PROJECTS**

**FISCAL YEAR 1995 - 1996**

**APPROPRIATION NO. 15273**

PROJECT	ESTIMATED PROJECT COST	COST THROUGH 05/31/98	CONSTRUCTION STATUS THROUGH 6/30/98
Water Quality - Automated Reservoir Monitoring	233,100	217,912	Test failed. Work in progress.
Skinner Filtration Plant - Ferric Chloride Retrofit at Plant 2	240,000	163,788	Installation 80% complete; anticipated completion late 1998.
Diemer Filtration Plant - Alum/Ferric Jet Mixer Retrofit Diffusers Modifications	245,000	221,902	Phase I complete; overall project completion anticipated in late 1998.
Jensen Filtration Plant - Main Administration Building - Replace Air Conditioning	200,200	84,811	Administration Bldg. AC portion complete. Service Center on hold.
Lake Mathews - Multiple Species Reserve - Manager's Office & Residence	217,000	161,698	Construction scheduled for completion in July 1998.
<b>Completed Projects - (16)</b>	1,544,000	1,254,293	
<b>TOTAL</b>	<b>\$2,079,300</b>	<b>\$2,108,547</b>	

Attachment A

(Page 3 of 5)

**MINOR CAPITAL PROJECTS**  
**FISCAL YEAR 1996 - 1997**  
**APPROPRIATION NO. 15289**

PROJECT	ESTIMATED PROJECT COST	COST THROUGH 5/31/98	CONSTRUCTION STATUS THROUGH 6/30/98
Jensen Filtration Plant - Install Scupper Gates	95,000	84,222	Need to take basin out of service to complete.
Skinner Filtration Plant - Seismic Upgrades of Tank Farm No. 1	147,000	27,764	Skinner procuring materials for installation in November 98.
Jensen Filtration Plant - Modifications to Module No. 3 Overflow Pipeline Discharge Structure	152,000	17,276	Construction on hold pending LADWP decision on Bull Creek.
Jensen Filtration Plant - Relocate Ammonia/ Caustic Piping	240,000	217,793	Construction scheduled for completion mid-1998.
Special Services - Upgrade Plate Roller	243,000	42,834	Purchase order for bending machine is in place.
La Verne Facilities - Basin Sludge Pump Valves Replacement	30,000	5,316	Project is on-hold.
Jensen Plant Filtration - Reconstruction of Road Between Basin 2 and 3 of Module 1	249,700	39,488	Construction scheduled for completion mid-1998.
Skinner Branch - Casa Loma Canal Acoustic Meter	245,000	73,860	Will install at same time as San Diego Canal meters; scheduled for completion late 1998.
Metropolitan - Wide Selected Pressure Control Structures - Replace Valve Position Indicators	191,000	173,224	Testing of several varieties of transmitters in progress.
<b>Completed Projects - (9)</b>	<b>1,120,000</b>	<b>960,387</b>	
<b>TOTAL</b>	<b>\$2,712,700</b>	<b>\$1,642,164</b>	

Attachment A

(Page 4 of 5)

**MINOR CAPITAL PROJECTS**  
**FISCAL YEAR 1997 - 1998**  
**APPROPRIATION NO. 15302**

PROJECT	ESTIMATED PROJECT COST	COST THROUGH 5/31/98	CONSTRUCTION STATUS THROUGH 6/30/98
Diemer Filtration Plant - Asphalt Road Repair	191,000	1,150	Design work in progress.
Allen-McColloch Pipeline Meter Upgrade	173,000	6,612	Design work in progress.
Diemer Filtration Plant - On-Line Turbidity Meters Replacement	207,000	95,869	Design work in progress.
Olinda Pressure Control Structure - Vibration Mitigation - Right-of-Way	25,000	5,917	No construction work - Right-of-Way procurement only
Lake Skinner - Replace Stainless Steel Aerator Ring	80,000	39,358	Under fabrication, will be completed by 7/98
Lake Mathew's Bldgs. 8 & 15 - Renovation of General Assembly Area & Lavatory	50,000	145,405	Construction is 90% complete, anticipated completion September 1998
Jensen Filtration Plant - Water Loop Pressure Upgrade	60,000	32,612	Test completed in April 1998. Waiting for new fire water system in late 1999.
Weymouth Filtration Plant - Effluent Valve Conversion at Filter Beds 1-24	220,000	7,857	Replacement only
Conversion of Deformation Survey Monitor at Gene Wash, Copper Basin, and Diemer Plant Basin #8	189,061	117,529	Pillar monuments are installed. Scheduled for completion by June 1998.
Riverside Branch - Motion Sensors in New Expansion Buildings & Tunnels	45,000	7,070	Materials have been ordered.
Jensen Filtration Plant - Sandblasting Booth Purchase & Installations	65,000	0	Project opened.
Diemer Filtration Plant - Sludge Dewatering Drying Improvements	241,000	83,894	Underdrain installed in one out of three basins. Remaining work scheduled for completion by 12/98.
Orange County Reservoir - Piezometers and Seepage Monitoring Automation	90,000	18,350	Completion scheduled for late 1998.
<b>SUB-TOTAL</b>	<b>\$1,636,061</b>	<b>\$561,621</b>	

Attachment A

(Page 5 of 5)

**MINOR CAPITAL PROJECTS**  
**FISCAL YEAR 1997 - 1998**  
**APPROPRIATION NO. 15302**

PROJECT	ESTIMATED PROJECT COST	COST THROUGH 5/31/98	CONSTRUCTION STATUS THROUGH 6/30/98
Selected Pressure Control Structures - Replace Valve Position Indicators	190,095	0	Project opened.
Lake Mathews Facility - Wide Emergency	50,000	0	Project to be started.
Desert Branch - Purchase & Install Five Port Video Conferencing Bridge	85,000	10,698	Project completed.*
Diemer Filtration Plant - Wastewater Discharge System	184,000	24,073	Completed piping connection NaOH tank farm/wastewater tank. Starting piping connection wastewater tanks to sewer & permanent instrumentation.
District Service Area - Upgrade Two-Way Radio System	200,000	172,848	Project is 90% complete.
Riverside Branch/Etiwanda Facility/ Drop Inlet Structure Flex	36,000	35,033	Project completed.*
<b>Completed Projects - (1)</b>	207,000	198,858	
<b>TOTAL</b>	<b>\$2,710,061</b>	<b>\$1,012,193</b>	<b>*Reported individually, if completed in the last 3 months</b>