



**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

March 24, 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**

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For information only.

**DETAILED REPORT**

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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 third quarter ending March 31, 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 on 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 third quarter ending March 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 third quarter ending March 31, 1998, one relocation agreement involving an amount in excess of \$100,000 is being reported.

Agency	Location	Estimated Cost
Southern California Edison	San Bernardino County Opal Avenue Between Nice and Independence Avenue City of Redland	\$284,000

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Attachment(s)

Attachment A

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<b>MINOR CAPITAL PROJECTS</b> <b>FISCAL YEAR 1994 - 1995</b> <b>APPROPRIATION NO. 15250</b>			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 2/28/98	CONSTRUCTION STATUS THROUGH 3/31/98
Red Mountain Pressure Control Facility- Bypass Sleeve Valve Backup Power	115,000	22,997	Final Design 50% Complete
Lower Feeder - Station 527 + 90 - Modify Facility	50,000	18,291	Construction Scheduled for Late 1998
Skinner Branch - Construct 50' x 150' Metal Storage Building	220,000	15,654	Construction Scheduled for Late 1998
<b>Completed Projects - (16)</b>	1,901,800	1,320,316	
<b>TOTAL</b>	<b>\$2,286,800</b>	<b>\$1,377,258</b>	

Attachment A

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**MINOR CAPITAL PROJECTS**

**FISCAL YEAR 1995 - 1996**

**APPROPRIATION NO. 15273**

PROJECT	ESTIMATED PROJECT COST	COST THROUGH 2/28/98	CONSTRUCTION STATUS THROUGH 3/31/98
Water Quality - Automated Reservoir Monitoring	233,100	217,739	Final Testing Scheduled to Complete Mid-1998
Skinner Filtration Plant - Ferric Chloride Retrofit	240,000	127,029	Installation Scheduled for Mid-1998
Diemer Filtration Plant - Alum/Ferric Jet Mixer Retrofit Diffusers Modifications	245,000	212,211	Installation Scheduled to Complete Late 1998
Relocation of a Portion of the Orange County Feeder (MWD's Share)	175,000	132,143	Construction Completed. Working on As-Built Drawings
Jensen Filtration Plant - Main Administration Building - Replace Air Conditioning	200,200	84,810	Installation Scheduled to Complete Mid-1998
Lake Mathews - Multiple Species Reserve - Manager's Office & Residence	217,000	88,490	Construction Scheduled to Complete Mid-1998
<b>Completed Projects - (15)</b>	1,378,813	1,289,457	
<b>TOTAL</b>	<b>\$2,689,113</b>	<b>\$2,151,879</b>	

Attachment A

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**MINOR CAPITAL PROJECTS**

**FISCAL YEAR 1996 - 1997**

**APPROPRIATION NO. 15289**

PROJECT	ESTIMATED PROJECT COST	COST THROUGH 2/28/98	CONSTRUCTION STATUS THROUGH 3/31/98
Soto Street Facility - Replace Heating and Air Conditioning System	240,000	236,453	Complete*
San Joaquin Reservoir - Robotic Conversion of Deformation Survey Monitoring	1,152	1,152	Canceled*
Jensen Filtration Plant - Install Scupper Gates	95,000	63,995	Construction Scheduled for Mid-1998
Mills Administration Bldg. - Install Energy Management System	50,000	33,584	Complete*
Skinner Filtration Plant - Seismic Upgrades of Tank Farm No. 1	147,000	27,725	Construction Scheduled for Late 1998
Jensen Filtration Plant - Modifications to Washwater Interconnect Valve Structure & Module No. 3	245,000	16,972	Construction Scheduled to Complete Mid-1998
Jensen Filtration Plant - Relocate Ammonia/ Caustic Piping	240,000	238,175	Construction Scheduled to Complete Mid-1998
Special Services - Upgrade Plate Roller	243,000	42,834	Installation Scheduled Complete Mid-1998
La Verne Facilities - Basin Sludge Pump Valves Replacement	30,000	5,316	Project Opened
Jensen Plant Filtration - Reconstruction of Road Between Basin 2 and 3 of Module 1	249,700	38,842	Construction Scheduled to Complete Mid-1998
Skinner Branch - Casa Loma Canal Acoustic Meter	245,000	73,201	Installation Scheduled to Complete Mid-1998
Distribution System - Pressure Control Structures Replace Valve Position Indicators	191,000	151,705	Replacement Scheduled to Complete Mid-1998
Jensen Filtration Plant - Reconstruction of Road Between Basin 2 and 3 of Module 1	249,700	38,842	Construction Scheduled to Complete Mid-1998
Skinner Branch - Casa Loma Canal Acoustic Meter	245,000	73,201	Installation Scheduled to Complete Mid-1998
<b>Completed Projects - (7)</b>	802,746	701,659	
<b>TOTAL</b>	<b>\$2,779,598</b>	<b>\$1,631,613</b>	*Reported Individually, if completed/canceled in the last 3 months.

Attachment A

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

PROJECT	ESTIMATED PROJECT COST	COST THROUGH 2/28/98	CONSTRUCTION STATUS THROUGH 3/31/98
Diemer Filtration Plant - Asphalt Road Repair	191,000	198	Commencing Design Work
Allen-McColloch Pipeline Meter Upgrade	173,000	5,153	Commencing Design Work
Diemer Filtration Plant - On-Line Turbidity Meters Replacement	207,000	0	Project Opened
Olinda Pressure Control Structure - Vibration Mitigation - Right of Way	25,000	1,432	Project Opened
Gene Camp Messhall - Air Conditioning Renovation	207,000	184,756	Complete*
Lake Skinner - Replace Stainless Steel Aerator Ring	80,000	9,073	Design is 80% Complete
All Pumping Plants - Seismic Upgrades of Transformer Oil Tanks	130,000	15,280	Design is Complete
Lake Matthews Bldgs 8 & 15 - Renovation of General Assembly Area & Lavatory	135,000	133,708	Construction Schedule to Complete Mid-1998
Jensen Filtration Plant - Water Loop Pressure Upgrade	50,000	20,301	Test to Complete Mid-1998
Weymouth Filtration Plant - Effluent Valve Conversion at Filter Beds 1-24	220,000	0	Project Opened
Conversion of Deformation Survey Monitor at Gene Wash, Copper Basin and Diemer Plant Basin #8	189,061	1,917	Design Complete
Riverside Branch - Motion Sensors in New Expansion Buildings & Tunnels	45,000	202	Project Opened
Jensen Filtration Plant - Sandblasting Booth Purchase & Installation	65,000	0	Project Opened
Deimer Filtration Plant - Wastewater Discharge System	184,000	9,575	Construction Scheduled to Complete Mid-1998
Orange County Reservoir - Piezometers and Seepage Monitoring Automation	90,000	0	Project Opened
<b>SUB-TOTAL</b>	<b>\$1,991,061</b>	<b>\$415,489</b>	* Reported Individually, if completed in the last 3 months.

Attachment A

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

PROJECT	ESTIMATED PROJECT COST	COST THROUGH 2/28/98	CONSTRUCTION STATUS THROUGH 3/31/98
Selected Pressure Control Structures - Replace Valve Position Indicators	190,095	0	Project Opened
Lake Mathews Facility - Wide Emergency	50,000	0	Project Opened
Desert Branch - Purchase & Install Five Port Video Conferencing Bridge	85,000	0	Project Opened
Diemer Filtration Plant - Sludge Dewatering Drying Improvements	241,000	72,123	Construction Scheduled to Complete Late 1998
District Service Area - Upgrade Two-Way Radio System	200,000	0	Project Opened
<b>TOTAL</b>	<b>\$2,757,156</b>	<b>\$487,612</b>	