



**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

December 9, 1997

**To:** Engineering and Operations Committee--Information

**From:** *for* General Manager

**Submitted by:** Chief Engineer

*Edward S. Meese III*  
*Gary W. Taylor*

**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 second quarter ending December 31, 1997. 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 the 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, 1997, two new service connections were authorized for construction.

Agency	Connection Number	Location	Requested Capacity	Estimated Amount
MWD of Orange County	OC73A	Allen McColloch Pipeline Irvine Blvd. & Magazine Rd.	30 cfs	\$216,000
Central Basin MWD	CNB53	South Coast Feeder Sta.71.00 + 03.71	12.5 cfs	\$475,000

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, 1997, no relocation or protection agreements involving an amount in excess of \$100,000 were executed.

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Attachment(s)

Attachment A  
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<b>MINOR CAPITAL PROJECTS FISCAL YEAR 1994 - 1995 APPROPRIATION NO. 15250</b>			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 11/30/97	CONSTRUCTION STATUS THROUGH 12/31/97
Skinner Filtration Plant - Upgrade Existing Public Address & Alarm System	40,000	34,351	Complete *
Weymouth Filtration Plant - Liquid Polymer Feed System	245,000	243,417	Complete *
Red Mountain Pressure Control Facility - Bypass Sleeve Valve Backup Power Supply	115,000	22,100	Installation Scheduled for Early 1998
Lower Feeder - Station 527 + 90 - Modify Facility	50,000	18,213	Installation Scheduled for Mid - 1998
Skinner Branch - Construct 50' x 150' Metal Storage Building	220,000	4,988	Construction Scheduled for Mid - 1998
<b>Completed Projects - (14)</b>	1,624,800	1,025,928	
			*Reported Individually if Completed in the Last Three Months
<b>TOTAL</b>	<b>\$2,294,800</b>	<b>\$1,348,997</b>	

Attachment A  
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MINOR CAPITAL PROJECTS FISCAL YEAR 1995 - 1996 APPROPRIATION NO. 15273			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 11/30/97	CONSTRUCTION STATUS THROUGH 12/31/97
Water Quality - Automated Reservoir Monitoring	233,100	214,453	Final Testing Scheduled to Complete Mid - 1998
Skinner Branch - Air Injection Modifications	35,059	35,059	Cancelled*
Skinner Filtration Plant - Ferric Chloride Retrofit	240,000	114,230	Installation Scheduled for Early 1998
Diemer Filtration Plant - Alum/Ferric Jet Mixer Retrofit Diffuser Modifications	245,000	163,404	Installation Scheduled to Complete Mid - 1998
Relocation of a Portion of the Orange County Feeder (MWD's Share)	175,000	4,143	Construction Scheduled to Complete Early 1998
Jensen Filtration Plant - Main Administration Building - Replace Air Conditioning	200,200	82,948	Installation Scheduled to Complete Early 1998
Lake Mathews - Multiple Species Reserve - Manager's Office & Residence	217,000	59,818	Construction Scheduled to Complete Mid - 1998
<b>Completed Projects - (15)</b>	1,343,715	1,254,092	
			*Reported Individually if Canceled in the Last Three Months
<b>TOTAL</b>	<b>\$2,689,074</b>	<b>\$1,928,147</b>	

Attachment A  
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MINOR CAPITAL PROJECTS FISCAL YEAR 1996 - 1997 APPROPRIATION NO. 15289			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 11/30/97	CONSTRUCTION STATUS THROUGH 12/31/97
Soto Street Facility - Replace Heating and Air Conditioning System	240,000	234,749	Installation 95% Complete
San Joaquin Reservoir - Robotic Conversion of Deformation Survey Monitoring	222,985	1,152	Project Opened
Riverside Branch, Pleasant Peak Communications Bldg. - Roof Replacement	85,000	84,289	Complete *
Jensen Filtration Plant - Install Scupper Gates	95,000	33,947	Construction Scheduled for Mid - 1998
Mills Administration Bldg.- Install Energy Management System	50,000	17,458	Installation Scheduled to Complete Mid - 1998
Skinner Filtration Plant - Seismic Upgrades to Tank Farm No. 1	147,000	27,372	Construction Scheduled for Early 1998
Jensen Filtration Plant - Modifications to Washwater Interconnect Valve Structure & Module No. 3	245,000	16,228	Construction Scheduled to Complete Early 1998
Jensen Filtration Plant - Relocate Ammonia Caustic Piping	240,000	230,637	Construction Scheduled to Complete Early 1998
Special Services - Upgrade Plate Roller	243,000	0	Project Opened
La Verne Facilities - Basin Sludge Pump Valves Replacement	30,000	4,224	Project Opened
			* Reported Individually if Completed in the Last Three Months
<b>SUB - T O T A L</b>	<b>\$1,597,985</b>	<b>\$650,056</b>	

Attachment A  
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MINOR CAPITAL PROJECTS FISCAL YEAR 1996 - 1997 APPROPRIATION NO. 15289			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 11/30/97	CONSTRUCTION STATUS THROUGH 12/31/97
Distribution System - Pressure Control Structure - Replace Valve Position Indicator	191,000	44,041	Replacement Scheduled to Complete Late 1998
Jensen Filtration Plant - Reconstruction of Road Between Basin 2 and 3 of Module 1	249,700	25,805	Construction Scheduled to Complete Early 1998
Skinner Branch - Casa Loma Canal Acoustic Meter	245,000	69,512	Installation Scheduled to Complete Early 1998
Skinner Filtration Plant - Construction of Elevated Slab in Service Building No. 1	43,231	43,231	Complete *
<b>Completed Projects - (5)</b>	569,457	569,457	
			* Reported Individually if Completed in the Last Three Months
<b>TOTAL</b>	<b>\$2,896,373</b>	<b>\$1,402,102</b>	

Attachment A  
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MINOR CAPITAL PROJECTS FISCAL YEAR 1997 - 1998 APPROPRIATION NO. 15302			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 11/30/97	CONSTRUCTION STATUS THROUGH 12/31/97
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 Meter 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	175,402	Construction Scheduled to Complete Early 1998
Lake Skinner - Replace Stainless Steel Aerator Ring	80,000	3,359	Commencing Design Work
All Pumping Plants - Seismic Upgrades of Transformer Oil Tanks	130,000	8,953	Design is 80% Complete
Lake Mathews Bldgs 8 & 15 - Renovation of General Assembly Area & Lavatory	90,000	64,890	Construction Scheduled to Complete Early 1998
Jensen Filtration Plant - Water Loop Pressure Upgrade	50,000	5,261	Design is 60% Complete
SUB - TOTAL	\$1,153,000	\$264,648	

Attachment A  
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MINOR CAPITAL PROJECTS FISCAL YEAR 1997 - 1998 APPROPRIATION NO. 15302			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 11/30/97	CONSTRUCTION STATUS THROUGH 12/31/97
Weymouth Filtration Plant - Effluent Valve Conversion at Filter Beds 1-24	150,000	0	Project Opened
Conversion of Deformation Survey Monitoring at Gene Wash, Copper Basin and Diemer Filtration Plant Basin # 8	189,061	1,917	Design Complete
Riverside Branch - Motion Sensors in New Expansion Bldgs & Tunnels	45,000	202	Project Opened
Jensen Filtration Plant - Sandblasting Booth - Purchase & Installation	65,000	0	Project Opened
Diemer Filtration Plant - Wastewater Discharge System	184,000	0	Project Opened
Orange County Reservoir - Piezometers and Seepage Monitoring Automation	90,000	0	Project Opened
<b>Completed Projects - ( 0 )</b>			
<b>TOTAL</b>	<b>\$1,876,061</b>	<b>\$266,767</b>	