

- Capital Investment Plan – Quarterly Report for the period ending December 2004

Summary

This report provides a summary of accomplishments along with cost, variance explanations, and schedule status for all Capital Investment Plan (CIP) programs. This past quarter, twelve Board actions were taken appropriating a total of \$96 million and awarding four separate construction contracts. Additionally, 4 professional services agreements were approved for design, environmental support, and construction inspection. Two construction contracts were completed. This report also identifies any service connections approved for construction as well as relocation/protection agreements executed under the Chief Executive Officer's authority. Through December 2004, 67 programs encompassing over 350 projects were budgeted to be underway at a projected expenditure of approximately \$183 million. Expended costs were approximately \$106 million.

Performance measure targets for construction inspection and design costs as a percentage of construction costs were met.

Attachments

Attachment 1 provides summary budget, cost, and progress information for every capital program under way in Fiscal Year 2004/05.

Quarterly Report

Below, grouped by reporting category, are highlights of progress and major milestones on selected programs categorized as follows:

Supply and Delivery Reliability – Programs to provide new water supplies and/or major delivery facilities, including service connections.

Infrastructure Reliability – Programs to upgrade, refurbish, replace, or repair existing facilities and equipment, including pipeline relocations and protection.

Information Technology – Programs to upgrade, replace or provide new software applications and technology.

Water Quality – Programs to ensure Metropolitan meets all applicable water quality regulations and codes.


Stewardship – Programs to ensure the protection, safety, and security of Metropolitan's employees, visitors, and all real and intellectual properties and assets; and to provide for prudent and cost effective use and management of Metropolitan's assets in compliance with all applicable regulations and codes.


The majority of the capital programs are projected to be completed in accordance with Board approved schedules, which are updated annually as part of the budget process. These include the Jensen Ozone Retrofit, Distribution System Rehabilitation, Colorado River Aqueduct Improvements, the Treatment Plant Improvements, Skinner Expansion, and San Diego 6 programs. However, some projects within these and other capital programs have been delayed.

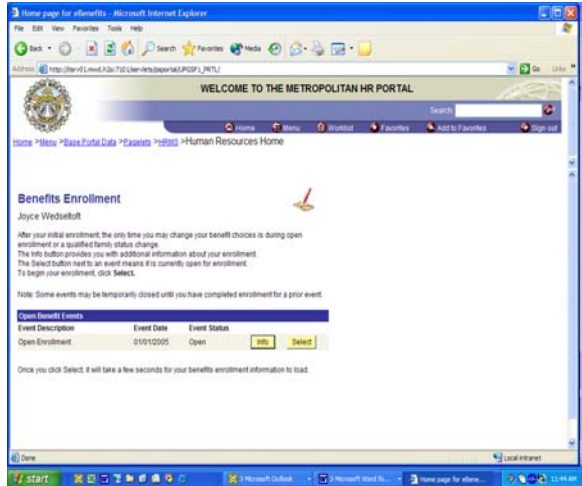
The major contributing projects to the \$77 million variance, amounting to about \$55 million, are included in the Inland Feeder program, the Diemer Solids Handling and Improvements programs, the Weymouth and Jensen Improvements programs, the Diemer Ozone Retrofit program, the Local and


Hayfield Groundwater Storage programs, the San Diego Pipeline No. 6 program, and the Diamond Valley Recreation program. The following are brief descriptions of the major variances:


- 1) Inland Feeder Tunnel construction continued to be slow and difficult due to poor geologic conditions.
 - 2) Several projects at the Diemer Treatment Plant site have been impacted by site geotechnical concerns that required immediate attention prior to proceeding with final design. Also, bid advertisement for the Vehicle Maintenance Center and Solids Handling Facilities at Diemer were delayed due to permit negotiations with the City of Yorba Linda and the Orange County Fire Authority.
 - 3) Reconciliation of use of the little league baseball fields at the Jensen Treatment Plant delayed design of the Solids Handling project.
 - 4) Diamond Valley Recreation progress experienced delays in design and construction activities related to the Valley Wide site.
 - 5) At the Weymouth plant, the \$7.5 million dollar filter surface wash project had to be rebid, and the contractor cash flow lagged behind projections for the Basin 3 & 4 rehabilitation project, while work proceeded on schedule.
 - 6) The Hayfield Groundwater Storage project was put on hold pending re-evaluation of water supply conditions; and the Local Groundwater Storage Program expenditures were delayed due to the Inland Empire Utilities Agency requested extension for the Chino Basin Conjunctive Use Program
 - 7) The San Diego Pipeline 6 – North Reach construction contract award was delayed for two months while staff reviewed bidder qualifications.
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Supply and Delivery Reliability:	Through 2nd Quarter Budget: \$57.2 M Expended: \$44.9 M
<ul style="list-style-type: none"> • The Board approved and awarded all construction related contracts for the North Reach of San Diego Pipeline No. 6. • Property acquisition assessments and alignment evaluations are proceeding for the Central Pool Augmentation Program while demand projections and on-line dates continue to be evaluated. • The site preparation for Skinner Expansion No. 4 was completed. • Three new service connections were authorized for construction. <p>The variance between budgeted and expended dollars is primarily due to contractor delays during the first quarter on the Arrowhead East Tunnel.</p>	 <p style="text-align: center;">Arrowhead Tunnels</p> <ul style="list-style-type: none"> • Progress on the Inland Feeder tunnels has improved in the second quarter of FY 2004/05. A total of 7,755 feet have been mined on the Arrowhead East and West Tunnels. The on-line date has shifted to 2008.

Infrastructure Reliability:	Through 2nd Quarter Budget: \$55.7 M Expended: \$11.9 M
<ul style="list-style-type: none"> • Final design was completed and advertisement for bids was issued for the West Valley Feeder No.1 Repair project. • Construction was completed on the Copper Basin Power and Phone Lines Replacement project under the Colorado River Aqueduct – Electrical/Power Systems Reliability Program. • Construction was completed and the facilities are operational for the Skinner Treatment Plant Solids Handling project. • No pipeline relocations or protections were executed this quarter. <p>The variance between budgeted and expended dollars is primarily due to delays related to resolution of site stability issues at Diemer and site use issues at Jensen; contractor invoices and</p>	 <p style="text-align: center;">New Thickeners at the Skinner plant</p> <p>cash flow lagging behind projections; and cancellation of planned facility shutdowns because of higher than expected member agency demands.</p>

<p>Information Technology:</p>	<p align="center">Through 2nd Quarter Budget: \$9.4 M Expended: \$3.8 M</p>
<ul style="list-style-type: none"> Completed the requirements analysis and defined process improvements for the Project Accounting/Grants Management project. Building upon previous self-service deployments, employees entered their Annual Enrollment benefit elections on-line. Employees were able to select their benefit choices on-line, allowing more efficient use of Human Resources staff to focus on higher priority areas. Additionally, employees received immediate on-line feedback that their benefit elections had been processed into PeopleSoft. The Maintenance Management System was upgraded and staff is working post implementation tasks. <p>The variance between budgeted and expended dollars is primarily due to 1) longer than expected time required to negotiate aggressive contracts with qualified consultants; 2) consultant replacement due to inadequate performance on one project; 3) lower</p>	 <p align="center">PeopleSoft Benefits self service screen open enrollment</p> <p>than expected consultant fees on the Maintenance Management System project; and 4) deferral of the Expense Report System upgrade until Project Accounting is on-line.</p>

<p>Water Quality:</p>	<p align="center">Through 2nd Quarter Budget: \$38.9M Expended: \$29.6 M</p>
<ul style="list-style-type: none"> Progress continued under the Oxidation Retrofit Program, including construction at the Jensen plant and design activities at the Skinner, Diemer, and Weymouth plants. Agreements were signed for final design and permitting with consultants for the Distribution System Treated Water Cross-Connection Program. <p>The fiscal year variance is primarily due to the need for a site geotechnical and stability analysis as well as a value engineering study for the Diemer plant site. This resulted in delays to the completion of the final design</p>	 <p>Ozone contactor building</p> <p>for several projects which subsequently delayed planned bid advertisement.</p>

Stewardship:	Through 2nd Quarter Budget: \$21.9 M Expended: \$15.5 M
<ul style="list-style-type: none"> • Metropolitan awarded a construction contract for site grading of 85 acres at the Diamond Valley East Recreation area. • The contractor completed the building, and installation of the furniture is complete, as part of the Weymouth Treatment Plant Renovation of Softener Building No. 3. • The contractor completed installation of two surge protection tanks and 300 feet of 66-inch diameter piping as part of the OC-88 pump station modification for the Power Reliability and Energy Conservation Program. <p>The fiscal year variance is primarily due to delays in design and construction activities related to the Valley Wide site.</p>	 <p>Completed Renovation of Softener Building</p>

Corporate Resources Capital Project Performance Measures FY2004/05	
<p>Achieved performance measure target for cost of construction inspection as a percentage of construction cost for projects:</p> <ul style="list-style-type: none"> • greater than \$10 million; target 9-12% • less than \$10 million; target 12-15% 	Met Target
<p>Achieved performance measure target for cost of final design as a percentage of construction cost for projects:</p> <ul style="list-style-type: none"> • greater than \$10 million; target 9-12% • less than \$10 million; target 9-15% 	Met Target

							FY 2004/05 Status				
Program Title	Total Program Estimate	Total Expenditures To Date	Projected Cost to Complete	% Budget Expended	% Work Complete	Schedule Status/ Completion Date	Fiscal Year Budget	Fiscal Year Budget To Date	Fiscal Year Expenditures To Date	Expenditure Variance	Comments
Supply & Delivery Reliability											
Central Pool Augmentation and Water Quality Project – Study and Land Acquisition	\$61,833,000	\$23,629,656	\$51.9M	38%	46%	On schedule 2008/09	\$1,379,700	\$594,600	\$657,840	(\$63,240)	
Colorado River Banking Programs	\$5,300,000	\$2,411,249	\$5.3M	45%	57%	On schedule 2006/07	\$408,300	\$152,800	\$0	\$152,800	
Hayfield Groundwater Storage Project	\$79,200,000	\$3,993,792	\$69.6M	5%	11%	On schedule 2009/10	\$5,251,800	\$2,020,000	\$141,467	\$1,878,533	Fiscal year variance due to Board approval of staff recommendation to put project on hold. Project will be re-evaluated to determine if water supply conditions have changed to allow for water to be placed in storage.
Inland Feeder	\$1,186,460,000	\$762,806,079	\$978.4M	64%	84%	Revised 2008/09	\$75,056,700	\$36,921,600	\$27,792,131	\$9,129,469	Revised completion of 2008 primarily due to delayed completion of the tunnel work. Fiscal year variance is due to reduced progress on the Arrowhead tunnels.
Lake Perris Flexible Storage Program	\$11,210,000	\$340	\$6.4M	0%	0%	On schedule 2009/10	\$785,200	\$244,000	\$340	\$243,660	
Local Groundwater Storage Agreements	\$210,000,000	\$34,606,506	\$181.0M	16%	19%	On schedule 2017/18	\$5,438,000	\$2,338,700	\$595,049	\$1,743,651	Fiscal year variance due to Inland Empire Utilities Agency request and approval of an extension on the milestones for completion of plans and specifications for the Chino Basin Conjunctive Use Program and its participating sub-agencies are submitting invoices for payment on a deferred schedule.
Mills Water Treatment Plant – Expansion No. 2	\$160,000,000	\$138,514,880	\$139.8M	87%	98%	On schedule 2005/06	\$941,800	\$78,100	\$101,064	(\$22,964)	
San Diego Pipeline No. 6 - North & South Reaches	\$241,960,000	\$21,068,785	\$217.1M	9%	9%	On schedule 2010/11	\$15,016,700	\$4,058,700	\$1,566,168	\$2,492,532	Fiscal year variance delay is due to 2 month delay of contract award pending bid review and design being completed under budget. North Reach completion date is under review with contractor.
Skinner Water Treatment Plant – Expansion No. 4 Program	\$112,000,000	\$15,529,018	\$100.6M	14%	17%	On schedule 2006/07	\$30,964,500	\$10,750,500	\$13,617,303	(\$2,866,803)	Apparent over-expenditures are due to transfer of previous year costs from the Skinner Improvements Program. Actual fiscal year costs are below budget due to the readvertisement of the site preparation contract delaying the start of the construction. In addition, the consultant delayed their billing by one month to check their billing records and authorized agreement ceiling.
Water Quality – Desalination Research and Innovation Partnership	\$7,341,200	\$7,210,089	\$6.9M	98%	78%	On schedule 2008/09	(\$513,000)	(\$133,200)	\$321,907	(\$455,107)	Percent expended is greater than percent complete due to carry-over of grant project expenditures. These expenditures are due to partners' invoices paid and internal labor which has not yet been paid by the grant agencies.
Yorba Linda Feeder Bypass	\$6,800,000	\$945,036	\$5.3M	14%	15%	On schedule 2006/07	\$230,792	\$127,300	\$110,794	\$16,506	
TOTAL							\$134,960,492	\$57,153,100	\$44,904,063	\$12,249,037	
Infrastructure Reliability											
Acousonic Flow Meter Upgrade	\$1,000,000	\$766,144	\$914,000	77%	85%	On schedule 2005/06	\$48,900	\$24,400	\$43,140	(\$18,740)	
All Facilities – Inspection & Replacement of Critical Vacuum Valves	\$4,600,000	\$1,433,732	\$4.1M	31%	60%	Revised 2006/07	\$501,800	\$341,700	\$306,766	\$34,934	Revised completion is due to delay in reaching an agreement with the vendor on the repair of the valves. Percent expended is less than percent completed because the actual number of valves that require replacement is less than the original estimated amount based on the initial sampling.
All Facilities - Install Roofs for Chemical Tank Farms	\$8,150,000	\$183,995	\$7.0M	2%	5%	On schedule 2006/07	\$612,800	\$318,400	\$177,919	\$140,481	
Allen McColloch Pipeline Repair	\$12,380,000	\$5,852,133	\$9.4M	47%	80%	On schedule 2006/07	\$254,800	\$254,800	\$26,607	\$228,193	
Assess the Condition of Metropolitan's Prestressed Concrete Cylinder Pipe	\$9,200,000	\$3,054,440	\$8.5M	33%	37%	On schedule 2008/09	\$491,300	\$47,100	\$33,107	\$13,993	
Cabazon Radial Gate Facility Improvements	\$1,800,000	\$173,952	\$1.4M	10%	6%	Deferred	\$0	\$0	\$2,670	(\$2,670)	Project has been deferred one year pending completion of a comprehensive CEQA document. Percent expended is greater than percent complete due to a change in scope to replace radial gates with new gates to construct a weir.
Conveyance and Distribution System - Rehabilitation Program	\$43,540,000	\$10,361,492	\$40.9M	24%	26%	On schedule 2008/09	\$12,361,300	\$4,512,500	\$2,949,016	\$1,563,484	Fiscal year variance due to high water demands on many facilities, which rendered plants and pipelines unable to be shutdown to perform repairs thus delaying construction on several projects.

Program Title	Total Program Estimate	Total Expenditures To Date	Projected Cost to Complete	% Budget Expended	% Work Complete	Schedule Status/ Completion Date	FY 2004/05 Status				Comments
							Fiscal Year Budget	Fiscal Year Budget To Date	Fiscal Year Expenditures To Date	Expenditure Variance	
CRA – Conveyance Reliability Program	\$48,355,000	\$24,059,239	\$30.7M	50%	55%	On schedule 2007/08	\$13,294,800	\$1,960,200	\$536,792	\$1,423,408	Fiscal year variance due to contract billing and expenditures for the aqueduct repairs and instrumentation project lagging behind contract completion.
CRA – Electrical/Power Systems Reliability Program	\$21,705,000	\$5,901,620	\$10.0M	27%	29%	On schedule 2007/08	\$12,052,600	\$3,747,200	\$2,391,752	\$1,355,448	Fiscal year variance due to contract billing and expenditures for the Switchyards and Head Gates Rehabilitation project lagging behind contract completion.
CRA – Pumping Reliability Program	\$61,465,000	\$3,051,967	\$62.2M	5%	12%	On schedule 2009/10	\$1,539,400	\$734,100	\$612,842	\$121,258	
Dam Rehabilitation & Safety Improvements	\$4,972,000	\$21,751	\$3.6M	1%	3%	On schedule 2006/07	\$346,000	\$203,600	\$21,751	\$181,849	
Diemer Water Treatment Plant – Finished Water Reservoir Seismic Retrofit	\$1,250,000	\$943,956	\$1.2M	76%	78%	On schedule 2004/05	\$0	\$0	\$42,961	(\$42,961)	
Diemer Water Treatment Plant – Improvements Program	\$29,880,000	\$1,395,734	\$23.6M	5%	7%	On schedule 2009/10	\$6,421,300	\$1,228,900	\$536,201	\$692,699	Fiscal year variance due to delays in construction sequencing with other major plant projects.
Diemer Water Treatment Plant – Solids Handling and Water Reclamation	\$32,688,000	\$7,285,703	\$19.9M	22%	30%	Revised 2005/06	\$16,590,400	\$8,620,400	\$942,299	\$7,678,101	Fiscal year variance due to solids handling projects being combined with the Diemer Vehicle Maintenance Center and Plant Maintenance Facilities (part of the ORP) and Entrance Relocation construction contract which required interaction with the City of Yorba Linda and Orange Country Fire Authority. Permit negotiations delayed the bid advertisement. Also, final design was delayed to allow value engineering of site engineering and stability analysis .
Diemer Water Treatment Plant – Washwater Tanks Refurbishment	\$1,350,000	\$749,349	\$1.2M	56%	58%	On schedule 2005/06	\$614,700	\$53,600	\$61,916	(\$8,316)	
Diemer Land Acquisition, Habitat Conservation Plan, and Site Grading	\$16,235,000	\$11,035,620	\$15.0M	68%	70%	On schedule 2005/06	\$3,866,100	\$2,782,600	\$861,320	\$1,921,280	Fiscal year variance due to the Entrance Relocation project being combined with Diemer Vehicle Maintenance Center and Plant Maintenance Facilities (part of the ORP) and Solids Handling Facilities construction contract which required interaction with the City of Yorba Linda and Orange Country Fire Authority. Permit negotiations delayed the bid advertisement. Also, final design was delayed to allow value engineering of site engineering and stability analysis.
Information Technology System – Infrastructure	\$35,431,000	\$6,165,994	\$31.6M	17%	19%	On schedule 2006/07	\$7,476,800	\$5,762,200	\$3,659,234	\$2,102,966	Fiscal year variance due to the deferral and rescoping of the Video Conferencing project, and delay of the Enterprise Infrastructure Upgrade project to conduct feasibility study and benefit/cost analysis prior to procurement. Also due to longer than expected time for evaluation of proposal for professional services contracts to perform the work.
Infrastructure Review and Rehabilitation	\$2,290,000	\$1,304,846	\$2.0M	57%	61%	On schedule 2004/05	\$644,500	\$644,400	(\$4,685)	\$649,085	
Jensen Water Treatment Plant – Improvements Program	\$45,770,000	\$2,528,262	\$44.2M	6%	10%	On schedule Jun-2007	\$13,593,800	\$6,610,800	\$318,865	\$6,291,935	Fiscal year variance is due to a reduction in the scope of work for the Washwater Reclamation Plant No. 2 Solids Suspension System project, a delay in commencing design work on the Solids Handling project to resolve site issues and slower than anticipated invoice submittals by design consultants and contractors.
Lake Mathews Outlet Facilities	\$92,200,000	\$70,748,499	\$72.8M	77%	100%	On schedule 200/08	\$422,400	\$422,400	\$308,204	\$114,196	
Mills Water Treatment Plant – Improvements Program	\$9,410,000	\$358,345	\$8.6M	4%	7%	On schedule 2007/08	\$3,788,700	\$1,643,800	\$147,753	\$1,496,047	Fiscal year variance due to rescoping of planned projects to include additional work to coincide with the overall plant rehabilitation and recertification.
Remote Computer Room Environmental Control Improvements	\$2,420,000	\$298,708	\$2.2M	12%	13%	On schedule 2005/06	\$1,510,900	\$803,200	\$46,398	\$756,802	Fiscal year variance due to delay in advertising fire protection specification caused by inclusion of additional critical sites.
Reservoir Cover and Replacement Program	\$12,903,000	\$121,535	\$8.7M	1%	2%	On schedule 2006/07	\$839,700	\$318,100	\$121,535	\$196,565	
Santa Monica Feeder Relocation Program	\$11,245,000	\$6,731,014	\$9.0M	60%	90%	On schedule 2004/05	\$2,284,400	\$2,022,000	\$2,081,552	(\$59,552)	Percent expended is less than percent of work completed as invoicing and work is handled through the City of Los Angeles and payable at specified times pursuant to the agreement.

Program Title	Total Program Estimate	Total Expenditures To Date	Projected Cost to Complete	% Budget Expended	% Work Complete	Schedule Status/ Completion Date	FY 2004/05 Status				Comments
							Fiscal Year Budget	Fiscal Year Budget To Date	Fiscal Year Expenditures To Date	Expenditure Variance	
Skinner Water Treatment Plant - Improvements Program	\$30,000,000	\$8,381,329	\$26.8M	28%	33%	On schedule 2008/09	\$2,225,600	\$998,300	(\$6,345,738)	\$7,344,038	Fiscal year variance due to transfer of several projects to the Skinner Expansion No. 4 program. The costs incurred during previous quarters were transferred from this program to Skinner Expansion No. 4 in the 2nd quarter of FY 04/05.
Weymouth Water Treatment Plant - Improvements Program	\$68,252,000	\$10,400,375	\$55.1M	15%	20%	On schedule 2009/10	\$17,154,100	\$11,489,900	\$1,933,498	\$9,556,402	Fiscal year variance due to rebidding of Surface Washwater project and actual contractor cash flow for the Basin Rehab project that did not match projected cash flow.
Weymouth Water Treatment Plant - Rehabilitation Program	\$2,860,000	\$1,915,817	\$2.0M	67%	95%	Completed 2004/05	\$0	\$0	\$27,353	(\$27,353)	Project is essentially complete and below budget. Post construction and as-builts to be completed by fiscal year end.
Whitewater Siphon Protection	\$10,350,000	\$1,757,283	\$9.2M	17%	13%	On schedule 2008/09	\$282,500	\$146,700	\$76,052	\$70,648	Percent expended is greater than the percent complete due to the purchase of 115 acres of land adjacent to and downstream of the Whitewater Siphons to protect the aqueduct from anticipated erosion from a proposed enlargement of an active mining pit. Design work is delayed pending completion of permit negotiations with the Army Corps of Engineers.
TOTAL							\$119,219,600	\$55,691,300	\$11,917,080	\$43,774,220	
Information Technology											
Automatic Meter Reading System/Water Information System (WINS)	\$6,943,900	\$6,791,884	\$6.9M	98%	100%	Completed 2004/05	\$0	\$0	\$14,999	(\$14,999)	Project has been completed under budget.
Control System Enhancement & Automation	\$17,942,000	\$1,633,523	\$9.5M	9%	10%	On schedule 2009/10	\$4,130,900	\$1,860,600	\$586,938	\$1,273,662	Fiscal year variance is due to longer than expected evaluation of proposals for professional services contracts to perform the work.
Distribution System - Control and Equipment Upgrade Program	\$8,100,000	\$1,263,492	\$7.2M	16%	18%	On schedule 2008/09	\$2,846,700	\$1,329,300	\$930,873	\$398,427	
Hydroelectric Power Plants - Installation of Digital Energy Meters	\$921,000	\$185,506	\$599,000	20%	25%	On schedule 2005/06	\$222,700	\$111,400	\$185,506	(\$74,106)	
Information Technology System - Business, Finance & HR	\$16,150,000	\$2,799,773	\$14.9M	17%	19%	On schedule 2006/07	\$4,463,200	\$2,946,800	\$1,001,802	\$1,944,998	Fiscal year variance due the following: deferral of the i-Expense project pending completion of the Project Accounting project, Project Accounting is running approximately \$400K under-budget but on schedule. Hardware purchases estimated for the fourth quarter are expected to reduce expenditure variance.
Information Technology System - Enterprise Decision System	\$3,977,000	\$0	\$3.5M	0%	0%	On schedule 2006/07	\$1,164,400	\$388,100	\$0	\$388,100	Fiscal year variance due to reprioritization of the the Data Warehouse Project.
Laboratory Information Management System Replacement	\$1,175,000	\$916,987	\$1.0M	78%	95%	Ahead 2005/06	\$499,500	\$499,500	\$306,160	\$193,340	
Maintenance Management System	\$605,000	\$457,002	\$0.5M	76%	95%	On schedule 2004/05	\$95,500	\$95,500	\$294,842	(\$199,342)	Fiscal year variance due to costs anticipated for the previous fiscal year being charged in 2004/05. Overall costs are below budget due to contract negotiations resulting in lower than budgeted costs for this project.
Strategic Operations and Maintenance Management System	\$6,977,400	\$3,651,602	\$6.5M	52%	55%	On schedule 2005/06	\$1,290,500	\$1,160,400	\$28,739	\$1,131,661	Fiscal year variance due to inadequate performance by the consultant. A new RFP process has been initiated.
Treatment Plants - Control and Equipment Upgrade Program	\$22,120,000	\$963,728	\$19.2M	4%	3%	On schedule 2009/10	\$1,902,100	\$1,016,900	\$412,162	\$604,738	
TOTAL							\$16,615,500	\$9,408,500	\$3,762,021	\$5,661,478	
Water Quality											
Alternative Disinfectant Evaluation	\$3,500,000	\$2,211,747	\$2.4M	63%	100%	Completed 2004/05	\$0	\$0	\$1,091	(\$1,091)	
Diemer Water Treatment Plant - Construct Sedimentation Basin Spillways	\$8,740,000	\$2,194,153	\$5.9M	25%	30%	On schedule 2005/06	\$1,849,600	\$129,200	\$284,028	(\$154,828)	
Diemer Water Treatment Plants - Oxidation Retrofit Program	\$186,000,000	\$4,492,699	\$161.8M	2%	5%	On schedule 2009/10	\$25,587,700	\$12,753,000	\$1,777,257	\$10,975,743	Fiscal year variance due to required interaction with the City of Yorba Linda and Orange County Fire Authority. Permit negotiations delayed the bid advertisement. Also, final design was delayed to allow value engineering of site engineering and stability analysis.

							FY 2004/05 Status				
Program Title	Total Program Estimate	Total Expenditures To Date	Projected Cost to Complete	% Budget Expended	% Work Complete	Schedule Status/ Completion Date	Fiscal Year Budget	Fiscal Year Budget To Date	Fiscal Year Expenditures To Date	Expenditure Variance	Comments
Distribution System – Treated Water Cross Connection Prevention Program	\$41,877,000	\$9,643,944	\$41.8 M	23%	26%	On schedule 2006/07	\$1,876,100	\$635,400	\$78,873	\$556,527	Fiscal year variance is due to a significant reduction in the initial scope thereby reducing the projected cost for this program.
Jensen & Mills Water Treatment Plants – Oxidation Retrofit Program	\$234,000,000	\$209,940,534	\$225.9M	90%	88%	Ahead 2005/06	\$30,238,300	\$15,402,300	\$19,772,202	(\$4,369,902)	Fiscal year variance is due to expedited progress by the contractor
Lake Mathews Watershed – Drainage Water Quality Management Plan	\$37,400,000	\$35,424,224	\$43.7M	95%	97%	Revised 2007/08	\$369,100	\$334,400	\$1,077,514	(\$743,114)	Phase 1 work - construction of Cajalco Creek Dam and Detention Basin was completed on schedule and within budget. Phase 2 work - on hold pending anticipated development. Fiscal year variance is due to an invoice that was scheduled to be paid in the prior fiscal year.
Skinner Water Treatment Plant – Oxidation Retrofit Program	\$176,200,000	\$14,529,344	\$150.8M	8%	9%	On schedule 2007/08	\$12,261,600	\$8,036,900	\$5,589,314	\$2,447,586	Fiscal year variance is due to delays in consultant and contract billing and payments.
Weymouth Water Treatment Plant – Oxidation Retrofit Program	\$157,500,000	\$3,439,867	\$133.5M	2%	3%	On schedule 2009/10	\$6,021,500	\$1,624,600	\$998,980	\$625,620	
TOTAL							\$78,203,900	\$38,915,800	\$29,578,168	\$9,337,632	
Stewardship											
All Facilities – Security Systems Improvements	\$22,020,000	\$5,958,281	\$19.9M	27%	32%	On schedule 2006/07	\$6,179,400	\$3,036,200	\$2,125,475	\$910,725	Fiscal year variance due to delay in approval of contract invoicing because of lack of demonstrated research progress on a few Water Quality initiatives as part of this program.
All Filtration Plants – Fluoridation System	\$5,500,000	\$28,748	\$5.0M	1%	4%	On schedule 2006/07	\$1,749,700	\$431,400	(\$323,205)	\$754,605	This program is a reimbursable one. Therefore, all costs are tracked but reimbursed to Metropolitan.
Chlorine Containment and Handling Facilities	\$57,400,000	\$19,117,882	\$51.0M	33%	50%	On schedule 2008/09	\$5,472,500	\$930,900	\$2,224,002	(\$1,293,102)	Percent expended is less than percent complete due to reduction in contract payments made to the bonding company for the Weymouth containment project. Contract payments were reduced due to assessment of liquidated damages.
CRA – Discharge Containment Program	\$5,980,000	\$366,962	\$4.6M	6%	8%	On schedule 2006/07	\$256,800	\$137,300	\$142,341	(\$5,041)	
CRA – Real Property Recordation Program	\$24,665,000	\$1,908,919	\$24.1M	8%	15%	On schedule 2020/21	\$1,932,500	\$977,000	\$1,206,435	(\$229,435)	
Desert Facilities - Fire Protection Upgrade	\$7,342,000	\$3,122,836	\$6.4M	43%	49%	On schedule 2004/05	\$3,305,700	\$1,649,000	\$606,971	\$1,042,029	The fiscal year variance is due to delays with the San Bernardino Fire Department approval of plans.
Diamond Valley Recreation	\$92,800,000	\$31,135,351	\$92.8M	34%	34%	On schedule 2008/09	\$20,996,000	\$7,013,100	\$3,441,673	\$3,571,427	The fiscal year variance is due to delays in design and construction activities related to the valley-wide site.
Distribution System – Dispenser Spill Containment and Remediation Program	\$6,500,000	\$5,878,296	\$5.9M	90%	99%	Revised 2005/06	\$0	\$0	\$127,116	(\$127,116)	Revised completion date is due an extension to accommodate completion of as-built drawings and to monitor warranty work by contractor.
Field Sandblasting Support Facilities Program	\$790,000	\$0	\$535,800	0%	0%	Revised 2005/06	\$475,800	\$279,900	\$0	\$279,900	Revised completion was necessary to accommodate feasibility study which resulted in rescoping of program to reduce the number of installations
Information Technology System – Security Program	\$2,751,000	\$1,105,733	\$2.4M	40%	44%	On schedule 2005/06	\$801,000	\$482,300	\$49,845	\$432,455	Fiscal year variance is due to longer than expected evaluation of proposals for professional services contracts to perform the work.
La Verne Facility – Shop Equipment Upgrades	\$3,500,000	\$739,078	\$2.9M	21%	25%	Being Revised 2005/06	\$1,822,400	\$950,700	\$21,914	\$928,786	Revised completion is due to site planning of future needs for the Maintenance Support Unit shops at Weymouth Filtration Plant. The planning effort was performed in conjunction with preliminary design of the Weymouth ORP.
Power Reliability and Energy Conservation Program	\$18,620,000	\$4,283,134	\$7.1M	23%	50%	On schedule 2006/07	\$7,666,300	\$4,112,800	\$4,283,134	(\$170,334)	
Union Station Modifications	\$1,030,000	\$977,589	\$939.00	95%	99%	Completed Dec-2004	\$0	\$0	\$2,135	(\$2,135)	
Wadsworth Pumping Plant – Pump Motor Conversion	\$3,900,000	\$1,599,678	\$2.2M	41%	90%	On schedule 2004/05	\$0	\$0	\$29,914	(\$29,914)	Percent of work complete is greater than percent expended due to cost of project being less than anticipated. The outstanding issue is related to healthy and safety from excessive vibration of the turbines.
Weymouth Water Treatment Plant – Entry Court Improvements	\$2,768,000	\$2,410,337	\$2.5M	87%	100%	Completed 2004/05	\$369,900	\$369,900	\$205,368	\$164,532	The project has been completed under budget.
Weymouth Water Treatment Plant – Renovation of the Softener Buildings	\$6,570,000	\$3,081,367	\$5.5M	47%	70%	On schedule 2005/06	\$1,999,000	\$1,554,800	\$1,387,874	\$166,926	
TOTAL							\$53,027,000	\$21,925,300	\$15,530,992	\$6,394,308	