



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

March 28, 1994

To: Board of Directors

From: General Manager

Subject: General Manager's Report for March 1994

Transmitted as an attachment is the General Manager's Monthly Report for March 1994. This report is intended to convey information on timely matters from the thirteen divisions within the Office of the General Manager. Matters which have been the subject of recent Board action are not necessarily included, nor are the routine or ongoing operations of work in progress.

John R. Wodraska
John R. Wodraska

NM/j

Attachment

FILED
by the Board of Directors of
The Metropolitan Water District
of Southern California
at its meeting held

APR 12 1994

Doreen E. Wolff
EXECUTIVE SECRETARY

OFFICE OF DIVERSITY ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
Executive Management Intern Program	EEO staff has developed a proposal for an Executive Management Intern Program to identify and develop potential managers. The program will provide interns with training, support, and the opportunity to experience the complex challenges of divisional level management through short term staff assistant assignments.
Targeted Outreach	EEO staff is working with the Water Quality Division to develop and implement strategies to enhance efforts to attract additional minorities and women to the division's workforce.
Strategic Plan	Staff developed and finalized objectives and strategies relative to achieving workforce diversity, which will be included in the District's Strategic Plan.
Americans with Disabilities Act	The Operations Division has developed a budget for implementation of the transition plan for compliance with the Americans with Disabilities Act (ADA).
Advancement Barriers Task Force	EEO staff met with representatives of the Personnel Division to review the final draft of the Advancement Barriers Task Force's findings and recommendations to address potential barriers to advancement within the Operations Division.
Minority Engineering Program	EEO staff is developing a plan to identify Minority Engineering Programs which are not currently included in the District's outreach efforts, as well as other university and college programs which provide support to students in disciplines other than engineering. Identification of these programs will help the District's efforts to increase workforce diversity.
Coordination of District Diversity Efforts	EEO staff is working to better coordinate the various diversity initiatives being developed throughout the District, to provide a centralized source of assistance to those divisions interested in participating in diversity initiatives, and to eliminate possible duplication of efforts in this area.

FINANCE ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
1994-95 Annual Budget	The new budget template was put into production and training of divisional budget staff was conducted. The new template will be the vehicle used to gather data for program and division budget presentation. Both the capital and operating budgets are in the final stages of preparation, and initial reviews are scheduled for the week of March 21. A meeting was held with division managers to review budget goals and guidelines for presentation to senior management. A new executive summary has been designed, and meetings with Administrative Services were conducted to coordinate typesetting and printing of all budget documents.

FINANCE ACTIVITIES IN PROGRESS

Issue/Project	Activity During the Reporting Period
Long Range Finance Plan	A Member Agency working group was formed to participate in the review and development of the Long Range Finance Plan (LRFP). Staff has begun preparation and analysis for updating the LRFP.
Investment Portfolio Yield	Staff is working on refining the cash forecasting model and is reviewing the District's investment portfolio with the goal of increasing the yield on the District's portfolio. An Investment Committee has been formed that will direct staff's efforts.
Treasurer Operations	<p>Phase I of the Investment Management System was implemented. Staff began work on drafting an RFP for a new custodian for District securities.</p> <p>Automatic deposit of deferred compensation disbursements to separated employees has been implemented.</p> <p>Accounts payable check stock has been replaced with a new check stock that includes safety features to increase security.</p>
Phase I Chart of Accounts	Work on redesigning the structure of the Chart of Accounts is proceeding. Several Focus Group meetings were held with representatives from various divisions to assess their reporting needs. A preliminary Chart of Accounts structure was developed, and sample transactions for the upcoming prototyping exercise were documented.
Policy and Procedures Task Force	A draft copy of the Expense Claim Handbook has been distributed for review and comments. The handbook is scheduled to be issued by the end of May 1994.
Accounts Payable in February	<p>Overall average payment from invoice date: 25 days</p> <p>Average payment for utilities : 22 days</p> <p>Expense Claims: 10 days</p>
Water Standby Charge Exemptions	Staff continued to work with the consultant to process standby charge exemption requests for 1993-94. To date, 542 agreements have been sent out, 212 agreements signed, approximately 1,321 requests are currently being processed, and 439 requests for exemptions have been denied. A meeting of the Ad Hoc Committee on Water Standby Charge Exemption Appeals has been set for March 29, 1994 to hear appeals from eleven property owners who were denied exemptions.

INFORMATION SYSTEMS ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
ISSP Phase One	<p>The "Notice to Proceed" was issued for the Oracle Corporation, the vendor selected from the RFP process for finance application implementation consulting services. The conference room pilot server was connected to the District's network to support Oracle training activities and Chart of Account development activities. Oracle provided in-house training classes for key materials management users during the last two weeks of February.</p> <p>The Data Center is cross-training staff members and recruiting temporary employees to operate and maintain the IBM system while permanent staff focuses on Phase One.</p>
Bank Draft System	<p>Implemented changes to the Bank Draft System to provide additional on-line disbursement reports and the ability to adjust processed data with audit trail information.</p>
Budget System	<p>Implemented changes to the Budget System to provide a new format which links the 1994-95 O&M and Capital budget to the Guiding Principles, as outlined in the District's Strategic Plan.</p>
Electronic Timesheet System	<p>Implemented changes to the Electronic Timesheet System to provide the Engineering Division with a feature to track labor hours by work breakdown tasks.</p>
Communications	<p>The Diemer Plant's CBX has been upgraded to comply with the North American Numbering Plan (NANP) which allows "0" and "1" as middle digits in prefixes.</p> <p>Staff is reviewing specifications from an outside vendor to develop a digital microwave system to support both voice and data traffic, and to provide redundancy to the network in case of a failure on the microwave path. Award of bid is expected by April, installation should begin in May, and completion of the project is targeted for August.</p>

OPERATIONS ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
Water Supply and Delivery: Colorado River Water (CRW)	February 1994: CRW pumped was 100,100 AF, an eight-pump average flow. Electrical energy used was 197,765,365 kWh. March 1994: Projected CRW pumping is 109,500 AF. Projected energy use is 219 million kWh.
Water Supply and Delivery: State Project Water (SPW)	SPW delivered during February 1994 was 27,100 AF. Projected delivery for March 1994 is 44,000 AF. DWR's share of San Luis Reservoir storage on March 13, 1994 was 100 percent of capacity or 1,067,000 AF.
Local Project Program: Reclaimed Water Delivery	Total reclaimed water certified in February 1994 was 886 AF. Total reclaimed water certified in February 1993 was 321 AF.
Water Sales	Total water sales for February 1994 were 100,466 AF. Total water sales for February 1993 were 99,861 AF. February sales record (1990) is 150,178 AF.
Hydroelectric Operations/Sales	Hydroelectric generation for February 1994 ranged from 16.3 to 30.8 megawatts. Power production for February 1994 was 11,852,600 kWh. Gross revenues for February 1994 were \$504,792. Projected power production for March 1994 is 17.9 million kWh. Projected revenues for March 1994 are \$760,000.
Shutdowns	The San Diego Canal was shut down for 10-days to allow the District contractor to tie-in the relocated portions of the canal. A 24-hour flow test was also conducted on the Canal. The Upper Feeder was shut down for 10-days to allow District forces to relocate the acoustic meter on the new Etiwanda Pipeline. They completed the job two-days ahead of schedule. Crews are continuing the encasement of the electrical access trunk. The Mills plant was shut down for 36 hours to allow the Department of Water Resources to remove the bulkhead on the Santa Ana Valley Pipeline. Difficulties were encountered and the operation could not be completed. A four-day outage has been scheduled for March 18, 1994, to complete the work.
Control Systems	At the direction of the District's General Counsel, Westin Engineering (an outside consultant) has been retained to examine the status of Contract No. 1396. A report will be submitted at the conclusion of their investigation. JWP has announced additional project delays totaling five months. Based on this revised schedule, factory demonstration testing will begin in September 1994.

OPERATIONS ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
System Operations	<p>Credits to the five Member Agencies who submitted written requests for fire fighting credits for October and November 1993 were approved and adjustments were made for three agencies on the January 1994 billing, and for two agencies on the February 1994 billing. Total credits granted under this program have been 142 acre-feet.</p> <p>Staff has met with FEMA inspectors to prepare a Damage Survey Report for the District facilities. FEMA inspectors were provided with documentation, project descriptions, scope, and cost estimates for repair of damage to facilities in the Valley Branch and documentation was also provided on hazardous waste generated due to the Northridge earthquake.</p> <p>Construction for storm damage repairs on the Orange County Feeder at Newport Back Bay has started and is expected to finish before the end of March. This is an approved FEMA project.</p> <p>San Joaquin Reservoir elevation is currently being held at 418 feet due to slide movement in the lining that was discovered in February. Daily monitoring of the slide area has indicated there is a deceleration of movement.</p> <p>Department of Water Resources' Mojave Siphon failed. The failure was located on the East Branch of the California Aqueduct, 1/4 mile north of Highway 138. A longitudinal crack was also found 3,000 feet downstream of the blown-out section. Repairs are scheduled to be completed by the end of March.</p>

OPERATIONS ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
<p>Construction and Maintenance</p>	<p>Staff coordinated with LADWP to inspect and repair damaged portions of the West Valley Feeder No. 1, due to the earthquake. The pipeline was cracked in two pipe sections and a valve was also cracked.</p> <p>Staff completed a contract to recycle Mills plant sludge, for use by Colton Portland Cement Company. The recycled sludge will save the District about \$10,000 in landfill disposal fees.</p> <p>Weld shop crews fabricated and installed an outside repair band on the West Valley Feeder No. 1 where it had been damaged by the earthquake, which completed the repair work for that pipeline.</p> <p>As part of the Type "M" Mercury Replacement Program, crews began the installation of battery backup systems on the Phase I through Phase III meters.</p> <p>Staff placed the Maintenance Management System (MMS) into operation for the Pipeline, Electrical & Meter, and Garvey Reservoir Groups in the Los Angeles Branch. Staff will implement the Phase IV MMS at the Orange County Branch by feeder.</p> <p>The ARRIS fuel dispensing system was placed back into operation after connecting it to the network and modifying the screens and software. The manufacturer's representative has corrected 10 of the 15 issues that required resolution. At the request of Accounting personnel, they also modified the daily fuel and month-end summary report programs.</p>

WATER STORAGE INFORMATION FOR MWD & SWP					
Reservoir	March 1 Storage (AF)	March 1 Storage % Of Capacity	Projected Storage By March 31 (AF)	Projected Storage By April 31 (AF)	Reservoir Capacity (AF)
MWD Terminal Reservoirs:					
Lake Mathews	131,000	72 %	140,000	150,000	182,000
Lake Skinner	33,700	77 %	38,000	40,000	44,000
SWP Southern California Reservoirs:					
Pyramid Lake	158,000	95 %	157,000	160,000	166,000
Lake Castaic	257,000	84 %	276,000	291,000	305,000
Silverwood Lake	62,100	89 %	47,000	70,000	70,000
Lake Perris	113,700	92 %	110,000	110,000	124,000

PERSONNEL ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
Meet and Confer re: Paid Emergency Leave and Advance Leave	Staff and Executive Assistant for Strategic Policy Development, E. Rojas, met with representatives from each of the four bargaining units and proposed "paid emergency leave" and "advance leave" benefits for employees who were affected by the Northridge earthquake. A Memorandum of Agreement is being drafted and will be submitted for signature by the Associations next month.
Training of Hearing Officers	Training for Hearing Officers is scheduled for April 1994. The training is designed to provide Hearing Officers with an understanding of the elements of a hearing, including; defining the issue statement, submission of evidenced testimony, handling objections, opening and closing statements, and post-hearing briefs. The training will be provided by the American Arbitration Association.
Personal Benefits Statements	Completed the preparation of the annual Personal Benefits Statements. The statements provide an individual benefit profile as well as the total dollar value of the benefit package for each employee.

PERSONNEL ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
Medical Evaluations	Pre-placement -14, First Responder - 24, Respirator Wearers - 46, Asbestos Workers - 11 Mercury Workers - 2, Commercial Drivers - 8, Van Pool Drivers - 8, Return to Work Eval. - 30, Job Transfers - 3, Repeat Labs. 4, Additional Files Reviewed - 16, Executive Wellness Reimbursement - 2, Walk-In visits - 56
Regular Positions filled during February (from period 1/30/94 to 2/26/94)	Administrative Services 1 Engineering 2 Finance 1 Information Systems 2 Operations 4 Personnel 3
Outreach Directory Database Project	Began research and gathering of data for directory data base which will be used to enhance recruitment outreach for qualified diversity candidates.
Agency Temporary Employee Tracking System	Developed an application to organize information on agency temporary employees. The system tracks employees' hire dates so that notices may be sent to their supervisors to notify them of their employee's impending termination, per the recently adopted four-month renewal policy for agency temporaries.
Reviewing and Processing "Change of Rate and/or Status" Forms	Merits---65 Promotions---16 Evaluations---95 Job Bids---4 Reorganization---21
Classification Study	Meetings were held to discuss the scope of the pending classification study of management and supervisory positions.
Overtime Report	A special report reflecting current and year-to-date overtime expenditures has been forwarded to all division managers to assist them in monitoring their annual budget. This report will continue to be forwarded to all division managers on a monthly basis.

PLANNING ACTIVITIES IN PROGRESS

Issue/Project	Activity During the Reporting Period
SCAG Water Resources Element	Staff is preparing comments to SCAG's Draft Regional Comprehensive Plan (RCP), and Draft Environmental Impact Report (DEIR) on the RCP. The main concern is that the current growth distribution projection does not meet Federal and State regional mobility and air quality goals. The adoption schedule and means to resolve the mobility and air quality concerns will be discussed at SCAG's March General Assembly.
Contingent Valuation Survey	Field surveys for the Contingent Valuation survey that will be used to determine customers willingness to pay for increased water supply reliability have been completed. Analysis of the survey results will be completed and ready for incorporation into the IRP analysis in late April.
Interim Report No. 5	A database that includes demographic, climate and price data for over 50 areas in Metropolitan's service area has been developed for the purposes of re-calibrating MWD-MAIN, Metropolitan's long-term demand forecasting model. Actual modeling is scheduled to begin in April.
All American Canal Lining Project	Metropolitan and Imperial Irrigation District staff met with the Bureau of Land Management (BLM) and the California Department of Fish and Game (Fish and Game) to inspect privately owned parcels in the North Algodones Dunes, which may be suitable to mitigate for project impacts to sensitive sand dune plant species. Three sections were found to be biologically suitable, however, BLM indicated that it will not approve the purchase and transfer of any portion of those private lands for compensation of lost sand dune habitat because it manages public lands that surround that parcel for unlimited off-road vehicle use. CDFG has assigned new staff to the project, and during the field visit those staff were briefed on the project planning that has occurred and how the current plan of compensating disturbed habitat on a 1:1 acre for acre basis complies with the relevant state and federal laws and regulations. CDFG was asked to provide documentation as to why a 4:1 replacement ratio is being requested.
Water Quality Laboratory Expansion	Metropolitan's response to the City of La Verne's public review comment letter is being prepared. The City of La Verne's most important comments relate to short-term nuisance noise during construction and Metropolitan's payment of fees for infrastructure improvements.
Chino Basin	The EIR consultant is continuing preparation of a mitigation analysis for the biological resources found during the 1993 field surveys. This work will become an integral part of the site selection process that will lead to formulation of a preferred alternative or set of feasible alternatives presented in the EIR. In addition, the consultant is developing the EIR and has provided input on the outline and information needs for conducting impact analyses.

PLANNING ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
Headquarters Facility Site Study	Staff met with representatives of the Catellus development team to discuss issues related to the environmental impact report for the Alameda District Plan and Metropolitan's proposed headquarters facility. A Request for Proposals was prepared to solicit environmental consultants to prepare the EIR for the Headquarters facility.
Colorado River Critical Habitat Designation and Endangered Species Planning	<p>The Fish and Wildlife Service has been ordered by the U.S. District Court in Denver to publish the final rule designating critical habitat for the razorback sucker by March 15, 1994.</p> <p>The U.S. Department of the Interior has designated Dr. John Rogers, Fish and Wildlife Service Director, Region 2, in Albuquerque, New Mexico, as the point of contact to work with the Three State (AZ, CA, and NV) Steering Committee in considering development of a multi-species habitat conservation planning effort. The purpose of this effort would be to provide a comprehensive ecosystem-based program that would aid in the recovery of the endangered species and habitats, and would provide program participants with specific certainties relative to their utilization of Colorado River resources.</p>
Domenigoni Valley Reservoir	<p>Mitigation activities continued for prehistoric, historic, and biological resources. Testing field work and lab work were completed for all significant historic sites (39 sites) in the project area, and nearly completed for significant prehistoric sites (75 of 76 sites). Other work by Metropolitan's cultural resources consultants in February consisted of proceeding with data recovery (to be completed at a total of 9 historic sites and an expected 10 prehistoric sites), and report preparation.</p> <p>All identified cultural resource sites in the Shipley Reserve and portions of the Lake Skinner area of the Multi-Species Reserve were mapped (73 pre-historic sites, 7 historic sites, and 7 multi-component sites) by Metropolitan's cultural resources consultant. A survey report for these portions of the Reserve will be prepared following completion of site records.</p>
South Riverside/San Diego County Area Study-San Diego Pipeline No. 6	Release of the Request for Qualifications to identify a Mitigation Monitoring consultant for the San Diego Pipeline No. 6 project has been delayed pending the release of the Integrated Resource Plan.
Response to CEQA Documents	Staff reviewed 13 CEQA documents. Of interest, Metropolitan responded to the Alameda Corridor Project initiated by the Alameda Corridor Transportation Authority. Metropolitan had objections to three of the four alternatives presented due to potential significant costs and impacts upon existing Metropolitan facilities.

PUBLIC AFFAIRS ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
Education Programs	In February, 83 educators attended orientation sessions to receive the fourth- and sixth-grade materials and three attended orientation sessions to receive the high school units.
Government Relations	<p>A community leaders breakfast meeting was held for State Senator William Craven, a member of the Senate Committee on Agriculture and Water Resources. More than 200 community leaders attended.</p> <p>Staff, working with the community relations unit, arranged a General Manager-sponsored three-day inspection trip of the Colorado River Aqueduct for Senator David Kelley, a member of the Senate Committee on Agriculture and Water Resources.</p>
Publications	The "1993 Water Quality Report" was produced and distributed to member agencies. A mailer/bill stuffer "Water is Safe" is being offered to member agencies for their use. A Direct Line "Board Actions" was produced and design was completed on a new employee-oriented publication Focus On which will debut in April.
Community Relations	<p>Initial planning began for a June ceremony at San Jacinto to turn over land Metropolitan purchased for mitigation for the Inland Feeder project. The land will become part of the San Jacinto Wildlife Reserve. Detailed planning continues for the dedication on April 18 to mark the relocation of the San Diego Canal.</p> <p>Staff arranged a briefing for civil engineers from Japan on Metropolitan's response to the Northridge earthquake and an inspection of the Jensen filtration plant; and at the request of General Manager Wodraska, presented an overview on Southern California's water supply and an inspection trip of a treatment plant to consultants.</p>
Special Activities	In cooperation with the media and publications staff, the government relations unit initiated, managed, and implemented the public participation component to the U.S. EPA's Hearing on proposed Bay-Delta regulations. More than 250 people attended this hearing which took place at the Irvine City Council Chambers. Included among those participating were county supervisors, more than a dozen city councilmembers and key community business and opinion leaders from the area.

RESOURCES ACTIVITIES/PROJECTS IN PROGRESS	
Program or Project	Activity During the Reporting Period
Water Conservation Agreement With Imperial Irrigation District	During February, 2.99 miles of lateral canals were concrete lined and two non-leak gates were installed under the Water Conservation Agreement with Imperial Irrigation District (Imperial).
Coachella Canal Lining Project	On March 10, a public hearing was held on the Coachella Canal Lining Project Draft EIS/EIR in Coachella, California. Nineteen persons were in attendance, of which four addressed the panel which consisted of one representative from Reclamation and 3 representatives from Coachella. Two individuals who reside along the portion of the Coachella Canal considered for lining addressed the panel stating their concern with the impact the Project may have on a perennial creek flowing through their neighborhood. Imperial County's Supervisor, District 3, addressed the panel stating his concern regarding the Project's impact to burro deer that regularly drink from the Coachella Canal and asked that the slip formed canal escape ridges being proposed by Reclamation be included. Resources Division staff addressed the panel indicating Metropolitan's enthusiasm for the Project and its interest, subject to the approval of its Board of Directors, in providing the necessary funding to line the most cost effective reaches of the Coachella Canal in accordance with Public Law 100-675.
Proposed U.S. Bureau of Reclamation Regulations for Administering Colorado River Entitlements	Reclamation conducted a briefing for interested California parties on the status of its proposed regulations for administering Colorado River entitlements. Reclamation's Lower Colorado Assistant Regional Director indicated that the regulations would include a provision regarding the banking of water in the Colorado River reservoirs and the marketing of that water. A verification committee composed of representatives of Arizona, California, Nevada, Indian tribes, and Reclamation would be formed to evaluate proposals for conservation programs which include banking of the conserved water in the reservoir system. The Department of the Interior's Field Solicitor indicated that lease transactions would be limited to 50 years and transfers would be limited to intrastate transactions. The proposed regulations are being reviewed by the Office of the Solicitor, Fish and Wildlife Service, and Bureau of Indian Affairs. With respect to the quantification of the California agricultural agencies' entitlements, Reclamation indicated that a modified proposal would be distributed at the time the proposed regulations for administering Colorado River entitlements were published in the Federal Register.
Energy Operations	Metropolitan purchased a total of 88,001,000 kWh of supplemental energy at a total cost of \$1,737,968.29 in the month of February. Edison's incremental energy rate, which is dependant on the fuel costs of oil and gas, averaged 22.51 mills/kWh during February. February's supplemental purchase rate averaged 19.75 mills/kWh, the power cost savings for February was about \$243,000.

RESOURCES ACTIVITIES/PROJECTS IN PROGRESS	
Program or Project	Activity During the Reporting Period
Reclaimed Water Production and Distribution	Since the inception of the LPP, Metropolitan has provided incentives for the production of approximately 105,400 AF of reclaimed water for landscape and golf course irrigation, nurseries, and industrial uses. To date, 25 water reclamation projects have received LPP contributions totaling approximately \$9.9 million. Additionally, the LPP has provided \$5.4 million in capital financing for the Las Virgenes and South Laguna Reclamation Projects.
Agricultural Water	Staff has been analyzing seven agricultural water pricing alternatives for presentation to the Ad Hoc Committee on Agricultural Water Policy.
Seasonal Storage - Drought Management Refinement	Staff continues to work with the Seasonal Storage - Drought Management Work Group (Group). A work plan is being developed that will encompass the newly adopted Financial Structure IRP Seasonal Storage Service and Comprehensive Drought Management, and their interrelationships.
Groundwater Advisory Meeting	Staff organized and participated in a Groundwater Advisory meeting held jointly at Municipal Water District of Orange County and Orange County Water District. The theme of the meeting was "New Technologies in Groundwater Treatment".
Semitropic-Style Conjunctive-Use Projects	Staff prepared and distributed to member agency managers draft terms for Semitropic-Style Conjunctive Use projects in Southern California.
Cooperative-Storage Program	Staff prepared and distributed to member agencies proposed revisions to the Cooperative-Storage Program.
North Los Posas Basin	Metropolitan entered into an agreement with Calleguas Municipal Water District to share the cost of consultant services to model conjunctive-use in the North Los Posas Basin. Metropolitan also entered into a contract with the engineering firm CH2M Hill to conduct the work.
External Review	Metropolitan coordinated member agencies and local agencies comments for a March 17, 1994 hearing by the Groundwater Protection Committee of an External Task Force reviewing the practices of the State Water Resources Control Board and the nine Regulation Boards. Metropolitan's comments were directed at improving groundwater quality protection practices.

RIGHT OF WAY AND LAND ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
MBE/WBE Utilization Status	To date, Right of Way's MBE/WBE utilization for fiscal year 1993-94, totals 20.8 percent.
Strategic Plan Objectives	<p>Staff is formulating an Asset Management Plan amplifying the role of revenue leases for both surplus properties and/or secondary use of operational properties. The plan would be to determine the best secondary use potential for ground leasing. The plan will include identifying district owned properties that are surplus to district operational needs; inspecting these properties for conflicting leases; analyzing these properties for more productive secondary uses; and recommending properties identified for more aggressive income producing secondary uses.</p> <p>To date, inspection of 100 percent District-owned properties currently leased by public and private concerns has been completed. Inspections are done every six months, with the next inspection scheduled for July 1994.</p>
Six Month Goal - Progress	<p>It is the goal of the Right-of-Way and Land Division to obtain possession of all 76 properties needed for the Eastside Pipeline, Newport Road Relocation, Landscape Buffer Areas, construction of the Salt Creek Channel, and San Diego # 1 & 2 Emergency Intertie. These additional properties are needed in support of the Domenigoni Valley Reservoir Project. In support of this goal, 67 appraisals have been completed and 65 offers have been made. Six property transactions have been closed and three parcels are in escrow. Furthermore, two additional parcels have been obtained pursuant to orders of possession issued by the court.</p> <p>Where fair, reasonable, and equitable, staff is seeking approval from the Board of Directors to administratively settle parcels (acquisition and relocation). The goal is to settle at least 40 percent of remaining parcels before trial which will result in substantial savings to the District. Other strategies to acquire properties prior to court proceedings will be implemented on a case by case basis, in conjunction with the Legal Department.</p>
Inland Feeder	The four contractors have started the surveying and mapping. Preliminary maps and legals are completed for Reach 7.

WATER QUALITY ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
Safe Drinking Water Act (SDWA) Reauthorization	A meeting was held with California's Senators Boxer and Feinstein and Florida's Senator Gramm on March 10-11 to stress the need for SDWA reform; the importance of adequate compliance time schedules and elimination of the current requirement to regulate 25 new chemicals every 3 years; and District support for H.R.3392 and S.1920, the SDWA bills backed by water industry, local government, and state regulators.
Arsenic Removal Study	A full-scale study of arsenic removal via treatment with elevated coagulant doses has been conducted at the Mills plant. The tests completed to date have demonstrated average arsenic removals of 82-96%, using 3-10 mg/L ferric chloride. This treatment reduced the arsenic levels in State project water from approximately 1.6 µg/L in the plant influent to 0.32-0.07 µg/L in the filter effluent (the anticipated maximum contaminant level for arsenic is 1-5 µg/L).
Assistance to Member Agencies	<p>In February and March, the Plant Liaison unit conducted three chloramination workshops for member agencies, covering chloramination techniques, blending of chlorinated and chloraminated waters, and nitrification monitoring and control.</p> <p>At the Water Quality Division's bimonthly Member Agency Water Quality Managers' meeting, some 85 managers and specialists from member agencies and subagencies were given updates on water quality issues, new regulatory/legislative activities, and information on the aftermath of the Northridge earthquake.</p> <p>Water Quality staff and various member-agency representatives met to form a Member Agency Reservoir Work Group, which will meet on a quarterly basis to discuss reservoir-related issues such as use of copper sulfate for control of taste- and odor-producing algae; brush removal and mitigation for endangered species; and impact and control of surface water runoff from urban areas.</p>

ADMINISTRATIVE SERVICES ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
Permanent Relocation of Reprographics staff	As the shutdown continues at the Sunset Facility due to earthquake damage, efforts are under way to relocate equipment to the Annex building to restore copying services. In addition, staff is working with consultants in the evaluation of a potential permanent relocation site for Reprographics in Pasadena.

ADMINISTRATIVE SERVICES ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
Southern California Air Quality Management (SCAQMD) Commendation	The success of the Rideshare Program earned Metropolitan an Award of Excellence from the Southern California Air Quality Management District (SCAQMD) for exceeding Average Vehicle Ridership (AVR) at the Sunset and La Verne facilities.
Potential Conversions of District Microfiche files to Optical Disk	In an effort to improve efficiency, staff is evaluating the feasibility of using optical disk to store and retrieve computer generated reports currently on microfiche. The technology is called C.O.L.D.(computer output to laser disk). The system would utilize existing P.C.'s and end users would call up reports via a LAN server.
Reduction in Amount of Hazardous Materials at District locations	A HazMat Standardization meeting was held with paint supervisors from all District locations. The meeting focused on standardizing the colors of paint used by the District in order to eliminate unnecessary thinners and epoxies from within the inventory. The decision to standardize has resulted in the reduction of forty-five types of paints, thinners, and epoxies, thereby reducing the hazardous materials stored in District warehouses by 61 percent.

ENGINEERING ACTIVITIES IN PROGRESS		
Program	Project Scope/Purpose	Status
	Note: Status codes for activities in progress are as follows: S = Study P = Preliminary Design F = Final Design A = Advertised for Bids	
Reimbursables	San Joaquin Reservoir--modify service water system for achieving compatibility with an increased chlorinator capacity	F
Weymouth Filtration Plant--Install Emergency Generator	Weymouth plant--install emergency generator	P
Diemer Filtration Plant--Install Emergency Generator	Diemer plant--install emergency generator	P
Lake Skinner--Install Fish Barrier	Lake Skinner--install fish barrier across inlet canal to prevent migratory fish from entering the San Diego Canal	P

ENGINEERING ACTIVITIES IN PROGRESS		
Program	Project Scope/Purpose	Status
Parker Dam--Install Water Treatment System	Parker Dam--install water treatment system to supply domestic water to Metropolitan's Parker Dam Village to comply with SWTR requirements	P
Distribution System--Type "M" Flowmeter Replacement	Distribution system--replace obsolete mercury-type flowmeters with state-of-the-art flowmeters	F
Skinner Plant--Water Quality Improvement Study	Skinner plant--minimize sediment accumulation in the plant effluent for bacteria reduction and improved aesthetic quality	S
Diemer--Modify Chlorination System	Diemer filtration plant--modify chlorination system to meet future chlorination demands of reclamation and filtration plants	P
Diemer Filtration Plant Modifications	Diemer washwater reclamation plant No. 1--modify to improve reliability and water quality	F
Mills Area Project	Mills finished water reservoir No. 1--replace existing deteriorated cover with floating Hypalon cover in compliance with Southern California Air Quality Management District (SCAQMD) and Environmental Protection Agency (EPA) requirements	F
Mills Area Project	Mills finished water reservoir No. 2--install Hypalon lining and floating cover in compliance with SCAQMD and EPA requirements	F
Jensen--Expansion of Filtration Plant	Jensen plant: Reservoir No. 2--construct groundwater dewatering system to improve soil stability and prevent infiltration and excessive uplift pressures	F
	Reservoir No. 1--modify to hydraulically split flows and improve contact time	F
	Chemical feed and storage facilities--expand for corresponding with expanded plant capacity under Jensen Expansion No. 1 project	F
	Construct chlorine feed system	F
	Install standby emergency power generation system	P
	Reservoir No. 2--install Hypalon cover for water quality protection	F
San Joaquin Reservoir Improvement Project	San Joaquin Reservoir--install Hypalon floating cover	F
Operations Control Center	Eagle Rock facility--construct operations control center for centralized control of distribution system and back-up emergency operations	F
Garvey Reservoir--Construct Operations and Maintenance Center	Garvey Reservoir--construct operations and maintenance center for Los Angeles Section personnel of the Operations Division	P

ENGINEERING ACTIVITIES IN PROGRESS		
Program	Project Scope/Purpose	Status
Inland Feeder Program	Construct 45-mile-long inland feeder for connecting the SWP and CRA and delivering water throughout Metropolitan's service area:	
	Construct Devil Canyon to Waterman portion	P
	Construct East San Bernardino tunnel and portal	P
	Construct pipeline parallel to Highway 330, City Creek Levee, and Boulder Avenue	P
	Construct soft ground tunnel under Santa Ana wash	P
	Construct Opal Avenue portal and tunnel through Riverside Badlands	P
	Construct Gilman Springs portal and tunnel through Riverside Badlands	P
	Construct pipeline through San Jacinto Valley	P
	Construct pipeline parallel to Davis Road	P
Construct pipeline parallel to Casa Loma Canal	P	
Garvey Reservoir--Replace Domestic Water System	Garvey Reservoir--replace deteriorated domestic/irrigation water system	P
San Diego Pipeline No. 6	Construct San Diego pipeline No. 6 for meeting supplemental water needs of southern Riverside and San Diego counties:	P
	Construct pipeline from the interconnection at San Diego Canal to the north portal of Mt. Olympus tunnel	P
	Construct Mt. Olympus tunnel and portals	P
San Jacinto Tunnel West Portal Seismic Modification	San Jacinto Tunnel west portal--construct seismic modifications for meeting stability requirements	F
Seawater Desalination Demonstration Project and Testing Program	Construct 5-MGD desalination demonstration plant for evaluating seawater desalination processes and costs	P
Seismic Modifications at CRA Pumping Plants and Pipelines	All pumping plants--construct seismic modifications for the discharge pipelines for meeting stability requirements	F
	All pumping plants--construct seismic modifications for the five pumping plant buildings for meeting stability requirements	F
Filtration Plants--Backflow Prevention Assemblies	Weymouth plant--install backflow prevention assembly for controlling water quality in pipeline cross connections	F
Chlorine Release Containment and Neutralization	All facilities--establish chlorine release containment and neutralization measures	F

ENGINEERING ACTIVITIES IN PROGRESS		
Program	Project Scope/Purpose	Status
Ozonation Retrofit Program	Implement ozonation retrofit program for meeting proposed disinfection/disinfection by-products regulations; program includes engineering, environmental, and cost investigations relative to ozonation retrofitting for Metropolitan's filtration plants	S
	Jensen plant--perform ozonation retrofit work	P
Domenigoni Valley Reservoir Program	Construct 800,000-AF Domenigoni Valley reservoir facility for providing emergency carryover and seasonal storage; preserving operational reliability, and maximizing groundwater programs:	S
	Perform studies relating to reservoir refill and withdrawal and geotechnical, seismic, biological, land-use, cultural resources, hydraulics, and recreational facility issues	
	Construct reservoir	P
	Construct pipeline	F
	Relocate Newport Road and construct additions to the Salt Creek Flood Control Channel	F
	Construct Inlet/outlet control tower	P
	Construct pump generating station No. 1 operations facility	P
	Construct temporary visitor center	F
	Construct permanent visitor center	P
	Mobilize	P
	Design west dam and west access road	P
	Design east dam and east access road	P
	Design east dam excavation and foundation	P
	Design west dam excavation and foundation	P
	Design borrow excavation	P
	Abandon unused portions of San Diego Pipelines Nos. 1 and 2, and construct San Diego Canal emergency interconnection	F
	Perform historic archeological investigation and mitigation work	P
	Perform prehistoric archeological investigation and mitigation work	P
	Construct landscape screening	P
	Perform air quality monitoring	P
	Build west recreation area	P
	Build east recreation area	P
	Construct saddle dam	P
Construct forebay/afterbay	P	
Construct tunnel	P	
Construct power generation plant	P	
Acquire permits	P	
Create multi-species reserve	P	
Perform groundwater monitoring and mitigation work	P	
Construct spillway	S	

ENGINEERING ACTIVITIES IN PROGRESS		
Program	Project Scope/Purpose	Status
Chemical Containment Program	All Metropolitan facilities--perform chemical containment studies for reducing risk of process and non-process chemicals escaping into the environment from Metropolitan facilities:	S
	Diemer plant--relocate ammonia facilities	F
	Weymouth plant--relocate ammonia facilities	F
	Jensen plant--relocate ammonia facilities	F
	Jensen plant--construct long-term chemical containment facilities	F
	Weymouth plant--construct long-term chemical containment facilities	F
	Diemer plant--construct long-term chemical containment facilities	F
	Mills plant--construct long-term chemical containment facilities	F
	Skinner plant--construct long-term chemical containment facilities	F
	All pumping plants--construct long-term chemical containment facilities	F
	Hydroelectric power plants--construct long-term chemical containment facilities	P
Distribution reservoirs--construct long-term chemical containment facilities	F	
LA Headquarters Building, Sunset Blvd. --Fire Sprinkler System	LA Headquarters Building, Sunset Blvd.--install fire sprinkler system in compliance with fire codes	F
CRA and Orange County, Palos Verdes, and Garvey Reservoirs	Palos Verdes Reservoir--replace chlorination system with hypochlorination liquid-bleach system in order to eliminate the use of gaseous chlorine	F
	Garvey Reservoir--replace chlorination system with hypochlorination system	P
Water Quality Lab Expansion	Water Quality Laboratory Building--expand to accommodate staffing and water quality activity increases	P
Garvey Reservoir Restoration	Garvey Reservoir--repair cracks	Pending rebid
Lake Skinner Bypass Pipeline	Lake Skinner bypass pipeline No. 2--install screens for removing algae, weeds, and other debris	F
Cathodic Protection Systems	Middle Feeder--install cathodic protection system	P
	Lower Feeder--install cathodic protection system	P
	West Coast Feeder--install cathodic protection system	F
Skinner--Landfill Expansion	Skinner plant landfill--expand for meeting sludge disposal requirements	P
All Filtration Plants--Ferric Chloride	All filtration plants--perform study on use of ferric chloride as an alternative primary coagulant in treatment processes	S

ENGINEERING ACTIVITIES IN PROGRESS		
Program	Project Scope/Purpose	Status
Diemer Slope Remediation	Remedy conditions causing accelerated movement in Diemer mixing and settling basin No. 8	F
Lake Mathews--Service Water System Tie-in and Modifications	Lake Mathews--modify service water system to meet fire protection and SWTR requirements and tie in to Western Municipal Water District for meeting service requirements	F
Lake Mathews--Replace Outlet Tower Gate Valves	Lake Mathews--replace existing gate valves and develop valve refurbishing program to reduce valve outages	F
Construction of Twelve Electrolysis Monitoring Stations	South Coast, Middle, West Coast, Palos Verdes, and Sepulveda Feeders--construct electrolysis monitoring stations to detect stray electrical current impacts, which can be corrosion inducing, from the Metro Green Line rail system	P

STATE WATER PROJECT AND CONSERVATION DIVISION ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
California Aqueduct Habitat Conservation Plan	<p>An administrative draft of the Habitat Conservation Plan (HCP) for the San Joaquin District portion of the California Aqueduct is under review. This HCP is being prepared to enable DWR to obtain a threatened and endangered (T&E) species take permit. A take permit is necessary for DWR to carry out routine and emergency operation and maintenance activities along the California Aqueduct.</p> <p>Metropolitan staff are concerned with DWR's approach to the HCP, which dedicated the land within the Aqueduct right-of-way as T&E species habitat. This approach will result in more than three times the amount of land being dedicated, compared to purchasing off-sight mitigation land. DWR's approach will save money in the short-term by avoiding mitigation land purchase. However, in the long-term, the restriction of activities within the right-of-way and the required procedures to avoid impacting T&E species may add to the operational and maintenance costs incurred by the SWP.</p> <p>Metropolitan's concerns were discussed at the State Water Contractor's O&M Committee meeting, at which DWR staff indicated they felt this solution was best for resolving T&E species issues along the California Aqueduct. After making minor revisions to the administrative draft, DWR will distribute the draft HCP for public review.</p>

STATE WATER PROJECT AND CONSERVATION DIVISION ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
1994 Agreement for Short-Term Water Purchase	<p>The SWP Contractors and DWR have been working for some time trying to develop a long-term water purchase agreement that would allow DWR to purchase water on behalf of the contractors. Although the long-term agreement is still under discussion, the parties have developed a one year agreement for 1994 to provide a small amount of purchased water and to serve as a pilot for a more permanent arrangement.</p> <p>The 1994 Short-Term Water Purchase Agreement allows DWR to purchase water on behalf of only those contractors signing the agreement. The participating contractors have control over maximum price and quantity through a Water Purchase Committee, with voting provisions similar to those used in the 1991 Emergency Drought Water Bank. Specifically, Metropolitan will commit to the purchase of an option for 2000 acre-feet (AF) of water. The option cost is \$5 per AF and, if the option is exercised, the maximum cost of the water, including the option cost, flow losses and administrative costs, will be no more than \$35 per AF.</p>
United States Bureau of Reclamation Funding	<p>The United States Bureau of Reclamation (Bureau) recently became a signatory to the Memorandum of Understanding Regarding Urban Water Conservation in California (MOU) and wants to reaffirm that commitment by supporting local conservation programs. Staff is in the process of transmitting a proposal to the Bureau to secure \$1 million for the remainder of FY 1993-94, and \$2.5 million for FY 1994-95 to supplement member and sub-agency shares of Metropolitan's Conservation Credits Program. These proposals combined will support more than 40 agency programs.</p> <p>The Bureau's co-funding will allow implementation of the Best Management Practices by member and sub-agencies that previously were unable to participate because of funding constraints. Member and sub-agencies submitted a variety of proposals for residential programs, commercial and industrial initiatives, and outdoor landscaping pilot projects. The Bureau proposal offers a unique partnership opportunity to implement water conservation programs in Southern California, increasing the benefits to all parties and reducing the costs.</p>
Ultra-Low-Flush Toilet Programs	<p>Throughout February and March, the high school and community-based-organization Ultra-Low-Flush Toilet (ULF toilet) programs continued to experience remarkable success. Managers of the program estimate that an additional 2,000 toilets have been distributed to replace older models that failed after the earthquake. Metropolitan-sponsored ULF toilet programs were conducted each weekend in February and March in a variety of local communities. Local high schools and community-based organizations earned an average of \$6,000 - \$21,000 to support a variety of community programs. The Canoga Park, Burbank, and Chatsworth high schools experienced particularly high customer participation.</p>

STATE WATER PROJECT AND CONSERVATION DIVISION ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
Federal Facilities Program	<p>Over the past year Metropolitan's member and sub-agencies have taken the lead role in several first-in-the-nation pilot programs combining water-efficiency surveys with energy surveys in federal facilities. In 1992 Congress passed the Energy Policy Act removing many of the barriers slowing efficiency upgrades in federal facilities and permitting a portion of federal funding to be dedicated to implementing water efficiency measures as a supplement to energy measures. Metropolitan, in conjunction with local energy utilities, responded with joint survey programs. Recently staff participated in a national conference held in Washington D.C. from March 7-10, 1994 to discuss these innovative federal facility projects and partnerships with energy utilities.</p>
Unites States Environmental Protection Agency (USEPA) and U.S. Fish and Wildlife Service (USFWS) Joint Hearing	<p>On February 23-28, 1994, the USEPA and the USFWS held joint hearings in four California cities to receive public comments on their proposed water quality and fishery protection standards for the Bay/Delta Estuary. MWD General Manager, John R. Wodraska was the first speaker at the hearing held in Irvine, CA. He was followed by numerous local city and water district representatives, farmers, and businessmen. Virtually all speakers echoed Metropolitan's position to some degree.</p> <p>Mr. Wodraska's comments addressed the following points: (1) Metropolitan's belief that the standards, as initially proposed, lack fairness and equality; (2) the standards are too rigid to help the environment and risk further damage to the state economy; (3) water is the lifeblood of the State's economy; (4) the State Water Project and the federal Central Valley Project are not the only parties which should be held accountable for the problems that afflict the Delta; (5) the proposed standards should be based on better science and economics; (6) working together, State and federal governments and water users can develop innovative solutions to protect the environment while balancing economic concerns; (7) recommended changes to the proposed standards include: a) more flexible criteria, b) development of a multi-species habitat conservation plan, and c) creation of a joint State/federal task force to develop comprehensive long-term solutions to Bay/Delta issues.</p> <p>The Urban Water Coalition (UWC), the California Urban Water Agencies (CUWA), and Metropolitan will each submit a separate set of comments to EPA. The legal arguments of the Coalition will challenge EPA's authority under the Clean Water Act to promulgate regulations, emphasizing the primary role of State decision-making under the statute. CUWA will submit technical comments proposing specific refinements to the standards that will achieve the same level of protection while reducing impacts to water users. Metropolitan's written response agrees with CUWA's technical comments and the UWC's legal comments.</p>

ENVIRONMENTAL COMPLIANCE ACTIVITIES IN PROGRESS	
Issue/Project	Activity During the Reporting Period
Agency Inspections	The City of La Verne's Fire Department reinspected the La Verne facility. All items noted in the January inspection were resolved with two exceptions. A letter, with a schedule for the corrections, is being prepared.
Auditing	A health, safety and environmental audit of the Skinner Branch facilities is scheduled for April 4-13, 1994.
Confined Spaces	Health and Safety staff supported planning activities for the blasting work to be done at Garvey Reservoir Tower and other substructures in the Los Angeles Branch. Bulk paint samples were taken for lead analyses, and results are expected soon.
Contract Construction Support	There are five major contracts ongoing during this report period. Each site was visited at least twice during the report period and evaluated for safety hazards.
Domenigoni (OCIP)	Staff is working with the consultants to develop a comprehensive safety manual for the project.
Electromagnetic Frequency Studies (EMF)	EMF Surveys were performed at San Joaquin Reservoir, La Verne, and Jensen. All results-to-date have been in the range of acceptable background levels.
Emergency Exercises Program	A planning meeting is scheduled with both Desert Region Area Management at Gene Headquarters on Tuesday, March 22, 1994.
Industrial Hygiene Surveys	Personnel at the Corrosion Lab were monitored for potential nitric acid exposure during a coupon cleaning operation. All results potentials were below limits of detection.
Information Systems	PMR staff completed ten air emission reports for Metropolitan facilities and four additional reports for equipment operated in various locations.
Regulatory and Legislative Activities	Staff submitted a comment letter to Cal/OSHA concerning the proposed standard to Control Ergonomic Hazards. Staff submitted a comment letter to Federal EPA regarding the risk management planning rule for accidental releases of hazardous air pollutants.
Shutdown Support	Staff provided support during the Etiwanda shutdown to determine ventilation flows, and atmospheric testing inside the pipeline.