

**MWD**

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

September 28, 1992

*To:* Board of Directors*From:* General Manager*Subject:* General Manager's Report for September 1992**OFFICE OF THE GENERAL MANAGER**

During the month of September, my assistants and I participated in the following activities:

METROPOLITAN ATTENDEES	DATE	AGENCY/ORGANIZATION	PURPOSE/TOPIC
Carl Boronkay, Dick Balcerzak and Paul Singer	8/27	City of Beverly Hills	Member Agency Managers meeting, conducted meeting
Carl Boronkay	8/27	CWRA Admin. Council	Interviews for Exec. Sec.
	8/31	Interstate Council on Water Policy Conference	Panelist on Future Water Supply
	9/01	Ken Willis, Exec. V.P., Bldg. Industry Assn.	Connection fee legislation
	9/01	Steve Dworkin, Bear Stearns Securities Corp.	Recent MWD bond sale
	9/02	Director A. Stelle	Personnel matters
Carl Boronkay and Gilbert Ivey	9/02	Pat McElvey, R&L Interplan	Existing headquarters site
	9/02	Barry Beitler	Cal Plaza lease
Carl Boronkay	9/03	Pat Messigian, Consultant	Public Affairs publications
Carl Boronkay and Gary Snyder	9/03	Mladin Zarubica, Glen Tarbuch & Fred Marsh of Bechtel Corp.	MWD infrastructure program
Carl Boronkay	9/03	Jeannine Colini, consultant	MWD's annual financial report

METROPOLITAN ATTENDEES	DATE	AGENCY/ORGANIZATION	PURPOSE/TOPIC
Carl Boronkay	9/10	SDCWA Board members	Update on District activities
Carl Boronkay and Gilbert Ivey	9/10	Barry Beitler	Permanent Headquarters Bldg. issues
Carl Boronkay	9/11	California Urban Water Agencies	Board meeting
	9/16	John Glasgow, space designer for R&L Interplan, MWD space planning consultant	Office space requirements in Cal Plaza Bldg.
Carl Boronkay and Bob Schempp	9/17	IID representatives	MWD/IID negotiations
Carl Boronkay	9/17	Southern California Water Committee	Executive Committee meeting
Carl Boronkay and Dick Balcerzak	9/18	Department of Water and Power	Member Agency Managers meeting
Dick Balcerzak and Wylie Horne	8/25	Various consultants	Interviewed consultants for Strategic Planning Study
Dick Balcerzak and Paul Singer	8/28	City of Beverly Hills	Conducted meeting with Member Agency Managers
Dick Balcerzak, Duane Georgeson, and Michael McGuire	9/01	Barry Shapiro, consultant	Sexual Harassment Prevention Training course
Dick Balcerzak, Gary Snyder, and Jay Malinowski	9/04	Casa Loma	Inspect canal damage
Dick Balcerzak and Ed Means	9/21	Cecilia Estolano, Environmental Policy Advisor to Mayor Tom Bradley & Ken Worthen, P.A. Director of The Gas Company	Southern California Water Conference: Guest speakers on "Top to Bottom Water Rate Restructuring--L.A. Style"
Duane Georgeson	8/25	Frank Ogawa, producer and director of Cable TV show "Frankly Speaking" (for broadcast in September)	Interview regarding the drought, the Southland's water supply conditions, and MWD's water management programs and capital improvement projects

METROPOLITAN ATTENDEES	DATE	AGENCY/ORGANIZATION	PURPOSE/TOPIC
	8/27	L.A. Councilman Richard Alatorre; Ms. Juana B. Gutierrez of the org. Mothers of East L.A., Santa Isabel Chapter; Angel Echevarria of DWP Bd. of Water & Power Commissioners; & Gary Morse, Central Basin MWD Bd. of Dirs.	Participants in a news conference on free water-conserving toilet installation in 1,000 households in East L.A. as part of a community improvement project.
Duane Georgeson, Wiley Horne, & Debra Man	9/02	Orange County Water District Board of Directors Workshop	Participants; spoke on overview of the SWP and MWD's various programs and capital projects.
Duane Georgeson	9/02	Consulting firm of Bookman Edmonston Engr., Inc.	Meeting w/Myron Holburt on Colorado River issues.
Duane Georgeson & Tim Quinn	9/03	Mike McGill, Executive Director of the Bay Area Economic Forum	Three-way process (urban-environmental-agricultural) and water for the environment
Duane Georgeson, Greg Taylor, & Jeff Arthur (MWD consultant)	9/03	John Sullivan, Chief Deputy Director of Ca. Department of Fish and Game	Bay/Delta Hearings
Duane Georgeson	9/08	Walter Pettit of S.W.R.C.B.	Water supply situation.
	9/09	Community Leaders Breakfast hosted by Ca. Assemblywoman Paula Boland and MWD	Speaker on current and future outlook on water supplies, water marketing & transfers, MWD history & its relationship to local agencies
Greg Taylor	8/30-9/01	Interstate Council on Water Policy - Monterey	Speech on Domenigoni Mitigation Planning
	9/03	Mr. Todd Olson, MWD consultant	Discussion of Mr. Olson's Proposal for Mitigation Banking
	9/08	California Department of Fish and Game - Sacramento	Negotiations regarding Multi-Species Mitigation Habitat Conservation Plan Agreement for Domenigoni Valley Reservoir Project

METROPOLITAN ATTENDEES	DATE	AGENCY/ORGANIZATION	PURPOSE/TOPIC
Greg Taylor	9/14	Nature Community Conservation Planning (NCCP) meeting with President Bush and Assemblyman Kelly, Carlsbad	Update on NCCP program and planning efforts.
Greg Taylor, Richard Trigianni, and Jud Monroe (Consultant)	9/14	U.S. Bureau of Land Management	Meeting re: MWD/BLM Domenigoni-Potrero Land Exchange
Greg Taylor, Wylie Horne, and Debra Man	9/14	San Diego County Water Authority staff	Discussion of mitigation options for San Diego Pipeline No. 6 project
Greg Taylor, John Clairday, and Kathleen Kunysz	9/18	Western Riverside MWD	Lake Mathews mitigation planning
Greg Taylor and Jarlath Oley	9/23	County of Riverside & Riverside County Parks	Negotiations re: Multi-Species Habitat Cons. Plan Agreement for Domenigoni Valley Reservoir project
Greg Taylor, Tim Quinn, and Ed Thornhill	9/24	Central Valley Tour	Investigation of mitigation options for potential water transfer agreements
Greg Taylor and Jarlath Oley	9/28	California Department of Fish and Game	Negotiations regarding Multi-Species Habitat
Greg Taylor and Martin Meisler	9/30	Natural Communities Planning Program - Carlsbad	Meeting updating planning efforts and discussion of criteria

#### OPERATIONS

**Colorado River Water (CRW) Supply.** The Colorado River Aqueduct (CRA) was operated on an eight-pump flow until August 26, at which time it was reduced to a four-pump (980 cfs) flow because of a break in the Casa Loma Canal (see Shutdowns and Interruptions). Following a series of system operational changes, the CRA was returned to an eight-pump flow on September 4, and will remain so until further notice. Staff took advantage of the unexpected reduced-flow period to install isolation bulkheads at the Hinds, Eagle Mountain, and Iron

Mountain pumping plants; required to proceed with the Colorado River Aqueduct Rehabilitation Program. As a result, Phase VII-C is ahead of schedule and approximately five percent complete.

Water storage in the terminal reservoirs is listed below along with the projected storage by the end of the indicated months. Storage in Lake Mathews as of September 17 was 151,400 AF; Lake Skinner storage was 36,800 AF.

**ACTIVE STORAGE IN TERMINAL RESERVOIRS (ACRE-FEET)**

Reservoir	September 1 Storage	September 1 Storage % Of Capacity	Projected Storage By September 30	Projected Storage By October 31	Reservoir Capacity (AF)
Lake Mathews	153,000	85%	153,000	155,000	182,000
Lake Skinner	35,000	80%	39,000	38,000	44,000

Active storage in the State Water Project's (SWP) Southern California reservoirs on September 1 totalled 592,400 AF, or 89 percent of capacity. Active storage as of September 17 was 578,900 AF or 87 percent of capacity. The individual reservoirs and their respective storage values follow, along with projected storage values for the respective months.

**ACTIVE STORAGE IN SWP SOUTHERN CALIFORNIA RESERVOIRS (ACRE-FEET)**

Reservoir	September 1 Storage	September 1 Storage % Of Capacity	Projected Storage by September 30	Projected Storage by October 31	Reservoir Capacity (AF)
Pyramid Lake	160,100	97%	150,000	150,000	166,000
Lake Castaic	251,900	83%	236,300	215,000	305,000
Silverwood Lake	66,500	95%	65,000	65,000	70,000
Lake Perris	113,900	92%	113,300	113,000	124,000

Metropolitan took delivery of 83,700 AF of State project water (SPW) in August. For September, it is projected that 80,200 AF of SPW will be required to meet projected demands. Total San Luis Reservoir storage as of September 16 was 467,500 AF or 23 percent of capacity.

**System Operations.** Water processed at the Diemer and Weymouth filtration plants is currently 21 percent SPW; Lake Skinner contains a blend of five percent SPW. August 1992 water sales were 202,640 AF. Last August, during Stage V of the Incremental and Interruptible Conservation Plan (IICP), water sales were 140,943 AF. The August sales record, set in 1989, is 239,172 AF.

**Hydroelectric Operations.** Hydroelectric generation for this period ranged between 43 and 52 megawatts. Total power production in August was 30,746,000 kWh, with a gross revenue of \$1,612,221 and for September is projected at about 40 million kWh with gross revenue estimated at \$2,100,000.

**Shutdowns and Interruptions.** The San Joaquin Reservoir was returned to service on September 14, following superchlorination which brought the water up to acceptable standards. The reservoir had been out of service from July 15 through September 13 because of biological activity which had made the water unacceptable for distribution. •The Santa Monica Feeder was shut down from August 25 through September 11 from the north portal of the Hollywood Tunnel to the Beverly Hills P.C.S. to allow District forces to repair a leak that developed during contract construction of a concrete box storm drain beneath the feeder for the L.A. Department of Public Works. •A major break in the Casa Loma Canal near the Ramona Expressway and Warren Road in the City of San Jacinto occurred on August 26. Water overflowed the canal walls, undermining approximately 100 linear feet of the canal and embankment and discharging an estimated 50-70 AF over a one-hour period. Metropolitan crews worked around the clock, placing the canal back in service on September 8. Final minor repairs and preventive measures in the vicinity of the canal break are in progress. •On August 31, Chevron Oil and Southern California Gas Company encountered water while drilling potholes adjacent to Service Connection LA-9 on the Palos Verdes Feeder. On September 1, District forces excavated the area and found a small leak at a bell and spigot pipe joint downstream of the Service Connection; on September 2 and 3 they repaired the leak; and on September 4, contract work proceeded.

#### CONSTRUCTION AND MAINTENANCE

SUBJECT	WORK IN PROGRESS/DESCRIPTION	STATUS OR PURPOSE
Foothill Pressure Control Structure	Two new 60-inch horizontal sleeve valves, the largest valves of this type ever, were installed at the Foothill Pressure Control Structure for testing. Limited operation indicates that the valves can increase Control Structure capacity an estimated 700 cfs.	Additional testing of the valves' performance is in progress.

SUBJECT	WORK IN PROGRESS/DESCRIPTION	STATUS OR PURPOSE
Maintenance Management System (MMS) Phase III implementation.	Equipment inventory at Hinds was completed with over 3,200 items identified; inventory of Eagle, Gene, and Intake is about 80 percent complete. To date over 11,500 system components have been recorded. Staff continues working to define maintenance tasks.	Phase II implementation continues. Anticipate implementing the MMS at Hinds by September 30 and at Intake and Gene by October 31.
Phase I - Type "M" Meter Replacement Program	Urgent necessity required that four additional meters be installed in the Los Angeles Branch and one in the Lake Mathews Branch making a total of 45 meters to be replaced during Phase I; 40 of the meters have been installed to date.	Program is approx. 80 percent complete. All Phase I meters have been assembled.
San Diego Canal Enlargement	Following the canal enlargement and a change in CRA flow pattern during the week of September 7, the upper reaches of San Diego Pipelines Nos. 1 and 2 were placed into service.	CRW is now delivered from the West Portal of the San Jacinto Tunnel to the San Diego Canal. (Treated water from Skinner is delivered to San Diego thru the lower reaches of San Diego Pipelines Nos. 1 and 2.)

### RESOURCES

**Colorado River Resources.** Another mile of lateral canals were concrete lined, making a total of nearly three miles, under the agreement with Imperial Irrigation District. Also, a contract was awarded for fabrication of 17 non-leak gates; work was begun on the East Lowline/Trifolium Interceptors and Alternate Projects Environmental Impact Report (EIR), with completion scheduled for May 1993.

- Metropolitan informed Coachella Valley Water District of its decision to postpone consideration of the proposal to construct four wells to recover less than one-half of the CRW recharged in the East Mesa between 1988 and 1990.
- On August 23, rain in the Palo Verde Valley caused weed germination which required that the test land fallowing program participants spray, disc, or plow the fallowed acreage by September 5. Additionally, eight acres of fallowed land were wetted by a Palo Verde canal break; Palo Verde will be responsible for controlling weeds caused by this wetting of the soil. Fallowed fields are being inspected semimonthly and soil moisture monitoring probes have been placed in 134 fields to track surface and groundwater movement in the Palo Verde Valley and to assist in the test land fallowing program surveillance.
- Reclamation has formed a technical work group, comprised of representatives of Reclamation and the states of Arizona, California, and Nevada. This group will explore the feasibility of banking water in Colorado River system reservoirs. Following the group's initial meeting, Reclamation agreed to prepare an outline of

the scope and timeframe for a study to determine the impacts of banking water in the reservoir system. •Representatives of the governors of the Colorado River Basin States and of the ten Indian tribes in the Basin met on September 1 to discuss the potential interest in the transfer of Indian tribal water rights. Tribal representatives also expressed interest in further discussing the continuing development on Indian reservations, tribal participation in river operation recommendations, and environmental issues. Both parties agreed to the drafting of an MOU among the parties that would describe their respective obligations in further discussions. Tribal representatives also expressed interest in drafting an agreement-in-principle between the parties having an interest in acquiring water supplies and those parties having an interest in transferring water to them.

**Energy Operations.** The total amount of supplemental energy purchased during August was 70,770,000 kWh at a cost of \$1,149,072,21. Almost 35 percent of the supplemental energy was purchased from the Western Area Power Administration (Western) under the Western System Power Pool (WSPP) agreement; the balance from different suppliers under the WSPP arrangements and economy energy contracts. Metropolitan made its first power transaction with Public Service of New Mexico (PNM) under the arrangements of the WSPP. Supplemental purchases for August were:

	<u>Kilowatt-hours</u>	<u>Percent</u>
Western - Navajo - WSPP	24,550,000	34.7
Salt River Project (SRP)	19,844,000	28.0
Arizona Public Services Co. (APS)	4,213,000	6.0
Southern California Edison Company - WSPP	1,814,000	2.6
Southern California Edison Company - Scheduled	4,475,000	6.3
Tucson Electric & Power (TEP)	11,620,000	16.4
Public Services of New Mexico	<u>4,254,000</u>	<u>6.0</u>
TOTAL	70,770,000	100.0

**Power Contracts.** A letter agreement was negotiated with Western for Metropolitan's purchase of economy energy from Western's Navajo Generating Plant during the period October 1, 1992 through September 30, 1993. Under the terms of the agreement, Metropolitan will purchase off-peak contingent capacity and associated energy for pumping on its CRA at times and amounts as mutually agreed upon by dispatchers of both parties. Rates will be agreed upon in advance by the parties' scheduling departments and will be based upon Western's rate schedule for Navajo Surplus Sales under the WSPP Agreement.



**STATE WATER PROJECT AND CONSERVATION**

**Conservation.** On September 11, a pre-proposal conference was held for potential bidders on a Request for Proposals (RFP) for a consultant to conduct a pilot program to retrofit up to 100,000 ultra-low-flush toilets (ULFTs) in Metropolitan's service area. •A pre-proposal conference for potential bidders on an RFP for a consultant to conduct a school showerhead retrofit program was held September 18. •Conservation staff members provided representatives to run a booth at the Los Angeles County Fair and are participating in a subcommittee of the Southern California Water/Energy Partnership which is working on creating a pilot program to distribute ULFTs in low-income areas.

**1993 Drought Water Bank (Bank).** On September 18, 1992, negotiations began on establishment of the 1993 Bank. Metropolitan is seeking to modify the terms of the Bank contract which currently limit Metropolitan's ability to obtain a flexible response to member agencies' water demands. The needed changes relate to the purchase of options to buy Bank water and the application of Critical Needs criteria to determine an agency's eligibility to purchase Bank water.

**State Water Project.** Staff continues to work with State Water Contractors (SWC) and DWR to assure that development of the proposed Stone Lakes National Wildlife Refuge (NWR) does not interfere with future development of Sacramento-San Joaquin Delta (Delta) water transfer facilities. The 21,998-acre NWR and Coordinated Wildlife Management Area would be established in an area in the north Delta through which proposed Delta facilities would traverse, including the New Hope Cross Channel and the Peripheral Canal. In the Record of Decision (ROD) filed by the U.S. Fish and Wildlife Service in July, USFWS recognized the need to ensure that future development of a Delta solution, called for in the Governor's State Water Policy, will not be restricted by NWR and the associated CWMA, and agreed to work cooperatively with DWR in developing a Memorandum of Understanding to that end. USFWS is currently studying DWR's initial draft proposal.

**Potential 1993 SWP Deliveries.** Because of the ongoing Bay/Delta Interim Standards Hearings and consultation process required by the federal Threatened and Endangered Species Act for the Sacramento River winter-run salmon, there is considerable uncertainty associated with projecting the availability of SWP supplies in 1993. Several alternative modifications to SWP operations have been suggested by resource agencies to improve conditions for the winter-run salmon and other fisheries' resources. At the August 11 SWC Water Budget Committee's meeting, DWR presented the results of three initial studies to determine availability of SWP water in 1993.

**Carryover of 1992 Entitlement Water.** DWR has announced that Metropolitan and other SWP contractors will be allowed to defer through 1993 the delivery of 1992 entitlement water which otherwise could be put to specific beneficial uses such as groundwater recharge and agricultural pre-irrigation. If, however, DWR's conservation reservoirs fill in 1993, any unused carryover water would be lost. This arrangement will allow Metropolitan to carry over approximately 150,000 AF of 1992 entitlement into 1993 to offset expected deficiencies in 1993 SWP supplies.

**Water Transfers and Exchanges.** Staff met with SWRCB to determine a hearing date for the Arvin-Edison/Metropolitan Water Storage and Exchange Program. The hearing will provide interested parties the right to comment on proposed changes to Arvin-Edison's water right permits that are necessary for program operations. The hearing will be held in January 1993 after which the Final EIR/EIS will be submitted to your Board for review and consideration.

**Bay/Delta Issues.** In the Closing Statement submitted by the federal Environmental Protection Agency (EPA), SWRCB was reminded that EPA has disapproved SWRCB's Bay/Delta Water Quality Control Plan. Accordingly, EPA has initiated its own rule-making effort to replace the SWRCB's plan. EPA indicated that if the SWRCB adopts standards meeting federal Clean Water Act requirements, EPA would cease their rule-making effort and approve the SWRCB's new standards. EPA stated that it believes the goal of the new standards should be to restore habitat conditions to levels existing during the late 1960s and early 1970s. DWR estimates that these standards would result in water supply impacts ranging from 2.5 to 4.5 MAF. •Public hearings, workshops, and open houses were held September 5 through 23 on the San Francisco Estuary Project's draft Comprehensive Conservation and Management Plan (CCMP); with a final CCMP expected to be submitted to Governor Wilson and the federal EPA later this fall. The final CCMP must be accepted by both the governor and EPA in order to be adopted. Review and comments on the CCMP are being coordinated with the SWC, Association of California Water Agencies, and DWR.

#### WATER QUALITY

**Disinfection By-Product (DBP) Activities.** Staff has been formulating a position to be taken by Metropolitan and the waterworks industry in impending negotiations for the Disinfectants/DBP Rule. Metropolitan will negotiate on behalf of the National Water Resources Association and staff will provide input to the American Water Works Association negotiators during upcoming meetings in Washington, D.C.

**Surface Water Treatment Rule (SWTR) Action Plan.** In a letter dated August 18, the State of California Department of Health Services

formally approved the use of microfiltration for the desert pumping plants' domestic water systems. A removal credit of 3 logs (99.9 percent) for *Giardia* cysts was granted, satisfying the minimum *Giardia* reduction requirement specified by the SWTR. A removal credit of 0.5 log (68.37 percent) was granted for viruses; an additional 3.5 logs (99.967 percent) of virus inactivation by disinfection will be required. The 3-log *Giardia* removal credit reduced the chlorination requirement by approximately 80 percent.

**Taste-and-Odor (T&O) Monitoring and Control.** At Lake Mathews, 2-methylisoborneol (MIB) levels have declined substantially and are now ranging from 1 to 7 ng/L at the outlet tower; at various dive sites they range from 6 to 8 ng/L. At Lake Skinner, MIB levels have continued to improve, with plant effluent values currently at 4 ng/L or less. At Lake Perris, both MIB and geosmin levels have increased to unacceptable levels, ranging from 9 to 18 ng/L and from 5 to 13 ng/L, respectively, on September 2. Flavor-profile results have been acceptable at all plant effluent sites throughout the system. No copper sulfate was used for T&O control at Lake Mathews or Lake Skinner during the reporting period.

**System Operations and Support Activities.** A nationwide chlorine shortage--caused by decreased production, plant shutdowns due to mechanical failures, and increased demand--resulted in a continuing reduction in Metropolitan's chlorine inventory. In mid-August, staff notified the chlorine vendor that inventories had reached low levels and immediate action was required to ensure that emergency deliveries were made. Reduced chlorine inventories and the long shipping delays necessitated temporary modification of Metropolitan's operating conditions to reduce chlorine use. Shortages in the chlorine industry are expected to continue through October and all developments pertinent to Metropolitan will be closely monitored. •Final arrangements are being negotiated for the transfer of 50,000 pounds of calcium hypochlorite (HTH) to Metropolitan from the Department of Defense (DOD). DOD had purchased the HTH for use by the Armed Forces in Operation Desert Storm and has since classified it as excess material. The HTH is used as a disinfectant at numerous Metropolitan facilities.

#### ENGINEERING

SPEC. NO. OR FACILITY	SCOPE/PURPOSE	STATUS
Skinner plant	Expand a landfill	Preliminary design continues
	Install screens on bypass pipeline No. 2 for reducing debris	Preliminary design continues

SPEC. NO. OR FACILITY	SCOPE/PURPOSE	STATUS
Weymouth plant	Replace asphalt paving	Final design continues
La Verne Water Quality Laboratory	Expansion to accommodate staff increases	Design continues
Weymouth and Diemer plants	Install emergency generators Relocate ammonia tanks as a secondary containment measure	Consultant design work continues Final design continues
Jensen plant	Retrofit reservoir for improved chemical mixing, hydraulically split flows and contact time	Final design continues
Mills plant	Expansion No. 2 -- expand from 150 mgd to 326 mgd for Riverside Co. growth & State Water Treatment Rule compliance regulations Construct finished water reservoir under Expansion No. 2	Final design continues Final design continues
Eagle Rock facility	Construct an operations control center	Preliminary design continues
Diemer, Skinner, Mills, and Jensen plants	Install backflow prevention devices for improved water quality	Final design continues
Five filtration plants	Ozonation retrofitting Study filter turbidity monitoring and recording equipment for optimizing filter performance Construct long-term chemical containment facilities	Study continues Study continues Preliminary design by consultant continues
All facilities	Chemical Containment Program for reducing risk of chemical releases at Metropolitan facilities Implement procedures and systems for chlorine neutralization and prevention of chlorine release incidents in compliance with Cal/OSHA and Uniform Fire Code requirements	Final design continues Study continues

SPEC. NO. OR FACILITY	SCOPE/PURPOSE	STATUS
Lake Mathews	Construct Cajalco Creek detention dam to protect Lake Mathews from storm runoff pollution  Modify and upgrade the existing domestic water system to meet current fire flow standards and Western MWD demands	Preliminary design continues  Preliminary design continues
Chlorine Unloading Facility	Install dechlorination unit	Studies continue
Lake Perris	Expansion No. 3 for maintaining reliable water supplies to member agencies served by Mills filtration plant	Preliminary design continues
Eastside Reservoir	Storage reservoir construction  Construct pipeline	Preliminary design began  Preliminary design continues
San Diego Canal	Relocation in conjunction with Eastside Reservoir construction	Design continues
Garvey Reservoir	Repair work	Board approved request to begin work
Rialto Pipeline	Install cathodic protection system	Final design complete
San Diego Pipelines 4 and 5	Install cathodic protection systems	Preliminary design continues
East Orange Co. Feeder No. 2	Install cathodic protection	Final design continues
Orange Co. Feeder	Relocate for San Joaquin Hills transportation corridor (Reimbursable)	Design in progress by outside contractor (administered by San Joaquin Hills group)
Distribution System	Replace existing Type "M" flowmeters with up-to-date flowmeters	Final design continues
Hydroelectric plants	Construct long-term chemical containment facilities	Preliminary design continues
San Jacinto Tunnel, West Portal	Seismic modifications	Preliminary design continues on second phase

SPEC. NO. OR FACILITY	SCOPE/PURPOSE	STATUS
All pumping plants	Construct long-term chemical containment facilities	Preliminary design continues
All pumping plants, discharge pipelines	Seismic modifications	Preliminary design continues
Olinda PCS	Vibration monitoring study	Final design complete
San Fernando Tunnel	Construct Serv. Con. LA-36 for L.A./Glendale/Burbank (Reimbursable)	Preliminary design complete; waiting for final design deposit
West Valley Feeder	Enlarge Serv. Con. CA-2 (Reimbursable)	Final design continues
Desalination pilot plant study	Demonstration plant 5-mgd capacity concept development	Preliminary design continues
Spec. 1256, Skinner Filtration plant	Reroof administration building	Letter prepared for G.M. recommending award of \$63,621 contract to low bidder J. Cab & Sons Roofing, Inc.

### PLANNING

**Water Supply Reliability.** Planning and SWP and Conservation division staff continue their study of water supply reliability. Current supply reliability projected to the year 2010 is being compared with the reliability goal set at your Board's August 20 meeting that states that Metropolitan will provide a reliable supply of water to its member agencies and that even during adverse hydrological conditions, there will be no more than a 20 percent supply reduction in any single year.

**Drought '92 Water Monitoring.** August 1992 was both warmer and wetter than August 1991. Raw data from the 24 responding agencies showed an increase in retail consumption of about 16.9 percent from August 1991. Monthly average high temperature in August 1991 was 81.3 degrees Fahrenheit compared with 87.5 in August 1992. Rainfall in August 1991 was 0.00 inches; compared with 0.03 of an inch in August 1992. Adjusted for population growth and climate, August 1992 showed a net 6.9 percent increase relative to 1991 water use, and a 19.4 percent saving compared to "pre-drought" 1987 water use. The modelled

conservation savings estimate based on "pre-drought" 1987 water use is also based on pre-recession water use. This 19.4 percent conservation savings, in fact, reflects the effects of the drought and the recession on water use.

**Southern California Association of Governments (SCAG) Employment and Income Study.** Metropolitan, the South Coast Air Quality Management District, the Southern California Edison Company, and the San Diego Association of Governments are participating in a SCAG employment study for Southern California. The goal of the study is to provide employment estimates every two years. This data will be crucial in tracking the state of the economy and in developing short- and long-range water demand forecasts. Also, Metropolitan is considering participating in a SCAG income study; the data from which would help Metropolitan assess economic trends and forecast water demands.

**San Joaquin Reservoir Improvement Project.** Extended an additional 90 days, the public review period for the Revised Draft EIR for this project will close on November 13. From written comments already received, two themes are becoming apparent: homeowners adjacent to the reservoir are concerned with the aesthetic impacts of covering the reservoir or constructing a treatment plant within the viewshed and water districts and residents in the reservoir's service area want water quality to be improved in the most expeditious and cost-effective manner.

**Eastside (Domenigoni) Reservoir.** Primary accomplishments of the mitigation coordination in late August and early September were completion of the Multi-species Habitat Conservation Plan for Riverside County, to be signed by Fish and Game and USFWS in the next few weeks. Additionally, archeological testing work on the reservoir was initiated and important coordination meetings were held with Native American representatives. Lastly, the Bureau of Land Management land exchange Environmental Assessment was completed.

**Inland Feeder.** The Draft EIR was completed and released for a 45-day public review period that will extend from September 17 to November 1. Staff also coordinated plans for public meetings to be held in late October to receive comments on the Draft EIR.

## INFORMATION SYSTEMS

**Information Systems Strategic Plan.** Progress on Phase Zero continues on schedule. The Enterprise Modeling activities are complete for the four major business areas (finance, materials and supplies, human resources, and health, safety and environmental).

Joint application development sessions have been held whereby users, management and Information Systems Division personnel meet in a team effort to identify requirements leading to the selection of application packages. These sessions have been completed. Work is beginning on preparing a Request for Proposals (RFP) to software vendors; the final draft should be completed by late September. The first draft of the technical architecture also will be completed by the end of September. Final architecture recommendations will be integrated with the package selection process.

**User Services Branch.** Staff converted a stand-alone mailing label data base into the local area network (LAN) version for Public Affairs, enabling Public Affairs staff to use this application on the LAN and provide access to several staff members on their individual personal computers. •Resources Division's Hydro/Power Operations System was provided with a graphics link that will chart monthly data. Available to both Resources and Operations management, the bar chart allows them to see the output of power from each District hydroelectric plant.

**Projects Resource Branch.** Staff implemented an enhancement to the Electronic Timesheet approval subsystem to allow department/division managers to delegate approval of timesheets to a primary and alternate approver to provide better backup for the approval process. The system maintains an audit trail of each person who actually performs timesheet approval.

**Telecommunications Services Branch.** The project to provide fiber-optic terminating equipment to enable adding voice lines to Gene and Intake, to connect the acoustic flow meter at Intake to the Department of Energy, and to provide improved cable connectivity is progressing on schedule. Equipment specifications are complete, requisitions have been prepared for some equipment, and some equipment has been delivered. The equipment will be tested and configured in the San Dimas laboratory before shipping it to Gene for installation. •Telephone service has been installed at various facilities in the city of Hemet for the Domenigoni Reservoir project. Several stand-alone lines have been installed at the various facilities and staff is working with a publicity firm to design and install a call-processing menu for the project. •Security systems are being installed at the five unmanned microwave sites (Pleasants Peak, Cactus City, Chuckwalla, Big Maria and Detention). Detention's system has been purchased and will be installed as soon as delivered by the vendor.

**Data Center Operations Branch.** Programming staff is testing an upgraded version of Office Vision which offers many enhancements over the current version. Staff will meet with IBM representatives to work on customizing the product for District use. Testing and customization is expected to be completed by late November. Following



completion of the customization, implementation will be phased in by Project Resources staff between December 1992 through March 1993.

### **ADMINISTRATIVE SERVICES**

**Facilities Management.** The proposal evaluation team, which held interviews with thirteen of the respondents to RFP-047, "Request for Proposals for New Headquarters Building", prepared a list of questions regarding each of the proposals, some of which had been raised during the question and answer period of the interview but to which there was insufficient time to respond. A cover letter and the set of questions was sent by facsimile to each of the companies, requesting that responses be received no later than September 14. Kozmont Associates, Inc. will review the submittals and recommend those companies qualified to respond to a formal bid for the project. Construction of the tenant improvements for Metropolitan's interim space at Cal Plaza began this period.

**Purchasing and Stores.** The total cost of purchase orders and agreements issued during the reporting period was \$5,686,556, and Central Stores' month-end inventory value was \$9,572,360, a slight increase of \$4,331 from the previous month.

**Office Services.** Initiated in July 1990 at Los Angeles and Pasadena offices and extended to all District locations within a year, the Paper Recycling Program has recycled a total of 245.25 tons of paper; 42.5 tons in 1990, 124.5 tons in 1991, and 76.76 tons as of July 1992.

**Graphics Services.** Staff finalized a dictionary of desk-top publishing and electronic and video output terms and common abbreviations. This dictionary will be used by Graphics staff and other employees to facilitate understanding intent when the various groups discuss graphics needs. Staff met with Operations Training Center staff to ascertain the amount and type of support that group would require from Graphics staff in 1992 and 1993 in the production of Operations Manuals. With this type of interface, the Graphics manager can better plan staff assignments.

### **PERSONNEL**

**Recruitment and Selection.** Nine positions were filled through the internal posting system and five through the external recruitment process for the following divisions:

**RECRUITMENT**

Public Affairs.....1	SWP/Conservation.....1
Operations.....2	Water Quality.....1
Admin. Svcs.....1	Information Systems.....1
Engineering.....6	Executive Secretary.....1

**Employee Benefits and Insurance.** Ten employees were provided pre-retirement counseling and Day 1 Orientation was offered to 13 new regular and one temporary employees. Staff prepared twenty new enrollments and changes in health insurance. A total of eight claims for unemployment insurance were received and reviewed for processing.

**LIABILITY CLAIMS/WORKERS' COMPENSATION CASES**

Liability or property claims	17 incidents
Property damage or bodily injury from third parties	3 claims
District-initiated small claims court actions	0 claims
Claims against the District by the third party	0 claims
Workers' Compensation: Claims received during current reporting period	17 claims
Fiscal year-to-date Workers' Compensation total:	
No lost-time cases	= 12
Lost-time cases	= 20
First aid only	= 9
Total claims	= 41
The number of injuries reported during this period decreased by six cases when compared with the number of claims reported during the same period last year.	

**FINANCE**

**Special Budget Committee.** Staff prepared two reports for the Special Budget Committee's review; the first provided further information on cost savings efforts and their effect on District-wide programs and services.

Staff, working with the Executive Assistant for Strategic Policy Development, prepared a letter for the Committee on projected costs for 1993-94, and alternatives to lost revenues from connection fees and availability of service charges. Information presented to the Committee over the past few months regarding potential water rate increases for 1993-94 included estimates of \$85 million in firm revenues from a combination of connection fees, standby charges, and availability of service charges. For 1992-93, only the standby charge is available to Metropolitan, producing \$25 million in revenues.

Given the uncertainty of connection fees and other additional revenues for 1993-94, staff provided the Committee with a number of alternatives to generate the needed revenues. These include an increase in the standby charge, establishment of an availability of service charge in lieu of a standby charge, an increase in the property tax levy to the statutory maximum, seeking authority for the connection fee, or certain combinations of these methods. Each alternative results in a projected noninterruptible untreated water rate increase for 1993-94 of \$77 per acre-foot, assuming \$85 million in firm revenues are developed.

**Repeal Procedures for Standby Charge Exemption.** Staff continued processing exemption requests. Your Board acted in August to require exempted property owners to execute an agreement under which they would be required to pay back charges plus a penalty and interest if they needed water from Metropolitan in the future. The General Counsel submitted a letter to your Board in September citing certain issues concerning this new procedure and the Water Problems Committee deferred the item for 30 days.

**Accounting Operations.** Production of W-2 forms for 1992 will be handled by an outside vendor. The vendor will also fold the forms and stuff envelopes, with anticipated distribution to employees by the last week of January 1993. •Staff met with representatives from the Information Systems and Personnel divisions to discuss alternatives for processing saving bond deductions as Bank of America has notified the District that they will not offer this service.

#### **RIGHT OF WAY AND LAND**

**Acquisition.** There are approximately 154 parcels certified for acquisition for the Domenigoni Valley Reservoir site, of which 41 parcels, or 27 percent of the required reservoir parcels, have been acquired. •To commence legal proceedings to acquire properties through condemnation, 24 parcels were referred to General Counsel.

•Escrow opened for purchase of the Spalsbury (Lang) and Wybenga properties and closed on the Hrabko and Monteleone properties. •Three appraisals have been completed and released for acquisition negotiations. •Four relocation assistance claims were paid and several additional claims are being processed. Occasionally staff accompanies the consultants in the field to monitor the relocation assistance program.

### **PUBLIC AFFAIRS**

**Government Relations.** Metropolitan, in cooperation with Central Basin Municipal Water District coordinated and presented a special breakfast briefing for local elected officials from the southeast region of Los Angeles County. Held in the city of Norwalk, the purpose was to update local officials on Metropolitan's financial outlook and the Eastside Reservoir Project. •A community leaders breakfast meeting also was held in the 38th Assembly District which is represented by Paula Boland (R). Approximately 60 mayors, councilmembers and representatives from numerous business organizations attended the breakfast. •Staff met with Mayor Walter Tucker, City of Compton, to brief him on the Central Valley Project and other federal water issues. Mayor Tucker is a candidate for the 37th Congressional District. Ben Walker, Assistant General Manager of the Compton Water Department also participated in the meeting. •An outreach and education program was developed for the 1993 legislative session. The plan was submitted to the Special Committee on Legislation. A program also was developed to consult, prior to the November election, with congressional and legislative candidates in districts where there are no incumbents or the district is newly created. At the meetings, federal, state and local water issues will be explained.

**Community Relations.** Government and Community Relations staff held a community meeting at the Mills plant to detail for local residents, plant expansion construction and Metropolitan's efforts to control noise, dust and traffic during the expansion work. •Staff provided administrative support for three community meetings at the Jensen plant. The meetings were held to inform the public about Metropolitan's Risk Management Prevention Program and was attended by government representatives, community service groups, schools, hospitals, police and homeowners associations. •Planning is underway for a series of briefings for governing bodies of Metropolitan's member agencies and subagencies. The briefings will feature presentations on a reliable water supply, focusing on financial policy and the capital improvements program and will offer the agencies the opportunity for presentations on issues of concern to them.

**ENVIRONMENTAL COMPLIANCE**

Following a Los Angeles County Fire Department inspection of the Commerce Warehouse, staff provided assistance in correcting the few minor violations cited and there are no outstanding items for correction. •After attending a workshop regarding SCAQMD Regulation XV Work Trip Reduction Plans, Phase II, staff is preparing comments on the proposed rule. •Of the nine contract construction projects being performed at various District locations, staff visited seven during the reporting period, making one minor verbal recommendation. •Industrial hygiene monitoring was provided for personnel while draining mercury from water flow meters as part of the meter replacement project and for temperature and humidity conditions at the Headquarters print shop.

  
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