



MWD

METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

FILED by order
of the Board of Directors of
The Metropolitan Water District
of Southern California
at its meeting held MAR 10 1992

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Baron E. Duff
Executive Secretary

9-3(i)

February 28, 1992

To: Board of Directors
From: General Manager
Subject: General Manager's Report for February 1992

OFFICE OF THE GENERAL MANAGER

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

METROPOLITAN ATTENDEES	DATE	AGENCY/ORGANIZATION	PURPOSE/TOPIC
Carl Boronkay, Dick Balcerzak, and Paul Singer	1/24	Las Virgenes MWD	Meeting of Member Agency Managers
Carl Boronkay	1/27-28	Western Urban Water Coalition	Discussion to formalize the organization
Carl Boronkay and Duane Georgeson	1/29	Blackwell Land Co., Inc.	Proposal to sell SWP entitlement water
Carl Boronkay	1/29	Calif. Water Co.; Southwest Water Co.; Roscoe Moss Co.; San Gabriel Water Co.; and Park Water Co.	Mtg. with presidents of investor-owned water companies re: water supply strategies
	1/30	CA Urban Water Agencies	Special meeting of Board of Representatives
	1/31	CA Water Resources Assn.	Board of Directors meeting
	2/3	Richard Powers, City Mgr. of Norwalk and Howard Chambers, City Mgr. of Lakewood	Discussion of Southeast Water Coalition

METROPOLITAN ATTENDEES	DATE	AGENCY/ORGANIZATION	PURPOSE/TOPIC
Carl Boronkay	2/5	Patricia Mulroy, G.M., Las Vegas Water District; Don Christiansen, Central Utah Water Agency; Chips Barry, Denver Water Dept.	Participated in interviews for lobbyist selection to represent Western Urban Water Coalition
	2/7	Imperial Irrigation District	Participation in dedication of Bernard Galleano Reservoir and meeting with IID re: All American Canal project
	2/10	Dir. Mike Madigan and Lester Snow, G.M., SDCWA	Discussion of Central Valley Project legislation
Carl Boronkay and Dr. Tim Quinn	2/19	Frank Rosenlieb and Tom Foley with Salyer Co.	Discussion of water supply
Carl Boronkay	2/20	Ben Cooper, Staff Director, U. S. Senate Energy and Natural Resources Committee	Central Valley Project legislation
	2/21	U. S. Senate legislative staff members Charles McBride, Lindsay Hooper, Darrell Owen, Kim Schnoor, and Dan Hunter	Central Valley Project legislation
	2/21	Sen. Bennett Johnston, Chm., U. S. Senate Energy and Natural Resources Committee	Central Valley Project legislation
	2/21	Sen. Malcolm Wallop, Member, U. S. Senate Energy and Natural Resources Committee	Central Valley Project legislation
	2/21	Dan Beard, Staff Director, U. S. Committee on Interior and Insular Affairs	Central Valley Project legislation
Dick Balcerzak	1/27	Southern California Water Conference presentation, "The Politics of a Water Rate Increase" by Daniel W. Waters, G. M. of LADWP	Attendee

METROPOLITAN ATTENDEES	DATE	AGENCY/ORGANIZATION	PURPOSE/TOPIC
Dick Balcerzak	1/28	Utility Policy Committee's Semi-Annual Meeting	Attendee
Dick Balcerzak and Gary Snyder	2/6	Garvey Cooperative Committee Meeting with Monterey Park officials and citizens	Discuss Garvey Reservoir repairs
Dick Balcerzak, Gary Snyder, and Gary Hazel	2/19	Hyperion Solids Treatment and Resource Recovery Division	Tour/discussion of program management concepts as may apply to Eastside Reservoir project
	2/21	New Waddell Dam in Phoenix, Arizona	Site tour
	2/24	Los Vaqueros Program Management Project in Concord, CA	Tour
Duane Georgeson and Resources staff	1/23	Michael Clinton, V.P., Bookman-Edmonston Engr., Inc., & Robert Pelcyger, attorney for San Luis Rey Indian tribes (via telephone)	San Luis Rey Indian Water Rights Settlement Act
Duane Georgeson	1/27	State Water Contractors and reps. of DWR, Reclamation, & Central Valley Project Water Assoc.	Discuss impact of winter run salmon mitigation measures on CVP & SWP
	1/28	San Diego City Council Advisory Committee, Citizens' Committee to Review City of San Diego Water and Sewer Rates	Made presentation regarding MWD proposed rate increase & an overview of MWD in general
	1/29	Liz Shanov, Reporter for CBS Radio	Interview on impact of heavy rains on the state's water supply
Duane Georgeson and Tim Quinn	1/29	Mike McGill, Exec. Dir. of Bay Area Economic Forum; and Anson Moran, G.M. of Hetch Hetchy Water & Power	Discuss Governor Pete Wilson's Water Policy and 1992 Water Bank

METROPOLITAN ATTENDEES	DATE	AGENCY/ORGANIZATION	PURPOSE/TOPIC
Duane Georgeson and staff	1/31	Colorado River Lower Basin States	Meeting to reach consensus on Colorado River issues
Duane Georgeson and Chairman Krieger	2/6	Reps. from James M. Montgomery Consulting Engineers	Discuss MWD's activities
Duane Georgeson	2/6	California Studies Conference on state water issues at Cal. State Univ., Sacramento	Panel participant: "The Sacramento Delta: Key to California's Water Future"
	2/10	Robert Will of Will & Muys, and U. S. Sen. Bill Bradley's (D) staff	Discussion about federal legislation
Mike McGuire	2/7	Beverly Hills City Council	Request support for rate increase; parcel charge
Mike McGuire and staff	2/18	Dinwiddie Construction Co.	Negotiate tenant improvement work at WCT Building
Mike McGuire	2/20	Brotherhood Crusade	Discuss possible payroll deduction program
Mike McGuire and Duane Georgeson	2/21	Directors Emeritus Luncheon	Information exchange
Mike McGuire	2/26	Building Industry Association	Request support for parcel charge
Mike McGuire and staff	2/26	Great Western Bank	Discuss financing of tenant improvements at WCT Building
Mike McGuire	2/27	Jerry Thode of Deloitte & Touche	Assign strategic objectives to Information Systems Division's Phase Zero Project

OPERATIONS

Water Supply. The eight-pump flow on the Colorado River Aqueduct (CRA) was adjusted during the month as follows:

- Reduction to six pumps on January 22 for Colorado River Aqueduct Pump Rehabilitation Project (CRAPRP) Phase IX bulkhead installation;
- Resumption of eight-pump flow on January 23;
- Reduction to six pumps on January 26 to complete bulkhead installation;
- Resumption of eight pump flow on January 30;
- Reduction to seven-pump flow on February 3 for canal maintenance; and
- Reduction to five-pump flow on February 7 because of discharge valve problems on Intake Pump Plant Units 1, 2, and 3. Problems associated with this interruption included a minor oil leak, failures of the valves to close properly caused by damaged brass wear pads, and rust.

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 February 28 was 172,400 acre-feet (AF); in Lake Skinner it was 40,200 AF.

ACTIVE STORAGE IN TERMINAL RESERVOIRS (ACRE-FEET)

Reservoir	Feb. 1 Storage	Feb. 1 Storage % Of Capacity	Projected Storage By Feb. 29	Projected Storage By Mar. 31	Reservoir Capacity (AF)
Lake Mathews	155,900	85.7%	173,000	170,000	182,000
Lake Skinner	40,100	91.2%	40,000	40,000	44,000

Active storage in the State Water Project's (SWP) Southern California reservoirs on February 1 totalled 630,028 AF, or 91 percent of capacity. Active storage as of February 28 was 639,000 AF. 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	Feb.1 Storage	Feb. 1 Storage % Of Capacity	Projected Storage by Feb. 29	Projected Storage by Mar. 31	Reservoir Capacity (AF)
Pyramid Lake	154,550	93.2%	156,000	160,000	166,000
Lake Castaic	286,200	93.9%	294,000	295,000	305,000
Silverwood Lake	69,000	98.6%	69,000	69,000	70,000
Lake Perris	120,250	97%	121,000	121,000	124,000

Metropolitan took delivery of 28,834 AF of State project water (SPW) in January. For the month of February, it was projected that 36,000 AF of SPW would be required to meet Incremental Interruption and Conservation Plan (Stage V) target demands and discretionary pool deliveries. As of February 28, because of the recent rains, demands and SPW use were lower than projected. Metropolitan has requested that 116,000 AF of 1991 allocation be carried over for delivery in 1992. As of February 28, approximately 55,000 AF had been delivered.

Total San Luis storage as of February 28 was 1,361,300 AF or 67 percent of capacity; the Department of Water Resources' (DWR) share of this storage was 673,300 AF, or 63 percent of capacity. Storage in Lake Oroville as of February 28 was 1,515,400 AF or 43 percent of capacity.

System Operations. No SPW is being delivered to the Diemer and Weymouth filtration plants in order to maximize the amount of Colorado River water delivered over the calendar year and to preserve SPW for use later in the year. No blending is being done at Lake Skinner; it is being maintained with only Colorado River water (CRW) in order to maximize water resources during periods of shortages. Not blending increases the probability of

aesthetic taste and odor problems, but no regulatory compliance problems are anticipated. Water sales for January were 151,931 AF which is 38 percent or 67,107 AF less than the January 1991 record of 183,038 AF.

Hydroelectric Operations. Hydroelectric generation ranged between 17 and 23 megawatts. Total power production in January was 16.3 million Kwh; equivalent to the power generated by burning 9.6 thousand barrels of crude oil.

CONSTRUCTION AND MAINTENANCE

SUBJECT	WORK IN PROGRESS/DESCRIPTION	STATUS OR PURPOSE
San Joaquin Reservoir	Corrosion detected in liquid chlorine piping from unloading manifold through a grating pipe trench to the control room	Problem discovered during routine inspection and piping was replaced
Water release from Morris Dam and Service Connection USG-3	5,199 AF from Morris Dam and 4,957 AF from USG-3 were released per LADPW request to flush sediment from sluicing operation at Morris Dam	Sediment from San Gabriel Canyon expected to settle in Santa Fe Flood Control Basin and Peck Pit and Rio Hondo Spreading Basins
Maintenance Management System (MMS)	Compliance project for the Surface Water Treatment Rule (SWTR) to record and retain maintenance histories	Implementation complete for chemical feed systems at all filtration plants; MMS for remaining plant equipment in progress

Safety and Security. A key card access pilot program was activated for entrance/exit at the San Dimas facility for a two-week testing period. Successful completion and resolution of any associated problems will result in the system being alarmed to the Weymouth area control center. In a separate matter, on two occasions prisoners escaped from the Eagle Mountain Community Correctional Facility; review of security procedures has been completed and submitted to station chiefs for their review. Also, special agents are working with local law enforcement following discovery of illegal excavation and encroachment at the Berdo and Pushawalla adits of the Colorado River Aqueduct (CRA).

RESOURCES

Water Conservation Agreement with Imperial Irrigation District. Concrete lining of 2.8 miles of lateral canals was completed; one of which will discharge into the Plum-Oasis Interceptor Canal. Bids were received and are being evaluated for construction of the interceptor canal.

Colorado River Management. Representatives of the Arizona Department of Water Resources, Colorado River Commission of Nevada, Southern Nevada Water Authority, Colorado River Board of California, and Metropolitan met to discuss options for improving Colorado River management. Options for releasing additional water for diversion and offstream storage were discussed, in reference to the likelihood of excess releases being made from Lake Mead sometime in the future. Storage in groundwater basins in Central Arizona for future use in Arizona, California, and Nevada will be considered. Apportioned but unused CRW, surplus water, and anticipatory flood control releases could be sources for groundwater recharge. California or Nevada could make use of the stored water if Arizona would agree to reduce its diversions of CRW in a future year.

Power Operations. During January, 105,000 AF of CRW was pumped, using 209.4 million kWh hours of electrical energy, with a 7.6-pump flow average for the month. A 7.1-pump flow average pumping 90,000 AF of CRW were projected for February. The total energy use for the month is estimated to be about 180 million kWh. No disturbances or outages were reported in Metropolitan's 230-kV system.

Energy Operations. Economy energy purchases, supplemental to the Hoover and Parker energy schedules, for the CRA pumping operation totaled \$2.6 million for 140 million kWhs. Supplemental energy purchases are summarized below:

	<u>kWh</u>	<u>Percent</u>
WAPA Navajo Power Project	32,266,000	23.0
WAPA Western System Power Pool	150,000	--
Salt River Project	53,950,000	39.0
Tucson Electric Power Co.	6,594,000	4.5
Dept. of Water Resources	2,102,000	1.5
Arizona Public Services Co.	10,515,000	8.0
Edison Incremental	33,855,000	24.0
Edison WSPP	580,000	--
	<u>140,012,000</u>	<u>100.0</u>

The cost of supplemental energy from Edison is based on Edison's incremental energy rate which is dependent on the fuel costs of oil and gas. Edison's incremental energy rate averaged 24.98 mills/kWh during January, and the average rate of supplemental purchases in the same period was 18.68 mills/kWh. Purchases of supplemental energy from suppliers other than Edison resulted in a January cost savings of about \$882,000. For the month of February, approximately 91 million kWh of supplemental energy will be needed.

Hydroelectric Operations. During January, the daily total power generation ranged from 18.0 to 32.4 MW as dictated by system demands, operating plans, maintenance schedules and other plant problems. All plants were operational except Red Mountain, Valley View, and Perris due to low flow conditions, and Sepulveda Canyon and Venice operated intermittently based on system demands. Energy generation for January was 16.3 million kWh with a gross revenue of \$681.3 thousand, due to decreasing demands and the increasing usage of CRW in the distribution system resulting in limited operations of most power plants. A similar system condition is anticipated for February with energy generation projected at about 16.0 million kWh and gross revenue estimated at \$600,000.

Power Contracts. In accordance with an existing agreement and contract with DWR, the unit rate for sale of energy from Metropolitan's Phase I hydroelectric power plants to DWR will be 43.7 mills/kWh from January 1 through 31, 1992. The rate revision is based on escalating the 1991 unit rate of 42.4 mills/kWh by three percent. The average rate for energy sold to Edison from Phase II-IV power plants remains unchanged at 45.8 mills/kWh for the first quarter of 1992 because no fuel oil was purchased by Edison during the fourth quarter of 1991.

Staff prepared a study projecting costs for CRA pumping for the next twenty years, indicating that when CRA diversions are reduced to approximately 900,000 AF per year or less during fiscal years 1994 through 1997, surplus CRA energy will be available from Metropolitan's CRA power resources. This surplus energy will be sold to DWR and, therefore, will reduce Metropolitan's net pumping costs:

Fiscal Year	Colorado Diversion (AF)	Net District Cost (\$)
1991-92	1,254,028	30,780,507
1992-93	990,000	21,043,800
1993-94	685,100	7,622,800
1994-95	685,600	7,253,600
1995-96	808,100	12,214,800
1996-97	900,000	16,635,600
1997-98	930,000	18,475,700
1998-99	960,000	20,645,600
1999-00	975,000	21,998,700
2000-01	975,000	22,217,000
2001-02	975,000	22,533,900
2002-03	975,000	22,866,600
2003-04	975,000	23,215,900
2004-05	975,000	23,582,800
2005-06	975,000	23,967,900
2006-07	975,000	24,372,300
2007-08	975,000	24,797,000
2008-09	975,000	25,242,800
2009-10	1,025,000	26,680,500
2010-11	1,075,000	30,389,200

Water Reclamation Projects. Staff is processing applications for the Encina, City of Cerritos, Carbon Canyon, Interim Sepulveda Basin and East Valley Water Reclamation projects and Encina Basin, Rio Hondo, City of Glendale and Arlington Desalter projects. Also, since the inception of Metropolitan's Local Projects Program, approximately 59,300 AF per year of reclaimed water has been produced for landscaping and golf course irrigation and for industrial uses.

STATE WATER PROJECT AND CONSERVATION

State Water Project -- La Hacienda Groundwater Program. In 1990, under the La Hacienda Program, DWR purchased 98,000 AF of water with up to 50,000 AF allowable for extraction per year. Construction of the necessary extraction facilities was delayed due to the unexpected occurrence of threatened and endangered species on the Kern Water Bank (KWB) property; this issue was resolved in January during formal consultation between DWR and the U.S. Fish and Wildlife Service. DWR can now continue construction and operation of facilities for groundwater extraction in the aquifer

adjacent to its KWB property. Should water supply conditions warrant extraction of La Hacienda water in 1992, DWR has indicated that extraction of 45,000 AF would be possible.

Bay/Delta Hearing. As was done for the State Water Resources Control Board's (SWRCB) Phase I hearings, Metropolitan is coordinating testimony and exhibits for all Southern California SWP contractors for the final hearing phase, entitled the Water Rights Phase, expected to begin in June 1992. Current information relevant to each agency's water supply and demand projections was requested.

WATER QUALITY

Surface Water Treatment Rule (SWTR). Metropolitan's compliance plans for the disinfection requirements of the SWTR were prepared for the California Department of Health Services' (CDHS) Office of Drinking Water (ODW). Historical operating and water quality records from the Jensen, Diemer, Mills, and Weymouth filtration plants were used to develop case example scenarios to which the requirements of the SWTR would apply. Information submitted to the ODW indicates that Metropolitan will comply with the regulatory requirements. A similar report for the Skinner filtration plant will be prepared in March, after the recent tracer study data have been analyzed.

Water Quality Report. Metropolitan's Water Quality Report was completed and distributed to member agencies for use in preparing their individual water quality reports.

ENGINEERING

SPEC. NO. OR FACILITY	SCOPE/PURPOSE	STATUS
Skinner plant	Expand a landfill	Preliminary design continues
La Verne Water Quality Lab	Expansion to accommodate staff increases	Preliminary design continues
Weymouth and Diemer plants	Install emergency generators	Consultant design work continues

SPEC. NO. OR FACILITY	SCOPE/PURPOSE	STATUS
Mills plant	<p>Expansion No. 2 -- expand from 150 mgd to 326 mgd for Riverside Co. growth & SWTR compliance regulations</p> <p>Site development work for Expansion No. 2</p> <p>Construct finished water reservoir under Expansion No. 2</p> <p>Construct two buildings to house water quality monitoring equipment</p>	<p>Final design continues</p> <p>Final design continues</p> <p>Final design continues</p> <p>Incorporated into Expansion No. 2 project</p>
Five filtration plants	<p>Ozonation retrofitting</p> <p>Install ammonia and chlorine analyzers to ensure compliance with SWTR requirements</p>	<p>Preliminary study continues</p> <p>Final design continues</p>
All facilities	<p>Chemical Containment Program for reducing risk of chemical releases at Metropolitan facilities</p> <p>Implement procedures and systems for chlorine neutralization and prevention of chlorine release incidents in compliance with Cal/OSHA and Uniform Fire Code requirements</p>	<p>Final design began</p> <p>Study continues</p>
Eastside Reservoir	Storage reservoir construction	Engineering studies continue
Garvey Reservoir	<p>Consider disposition and repair work alternatives</p> <p>Environmental Impact Report</p>	<p>Studies continue</p> <p>Preparation of report in progress</p>
Rialto Pipeline	Install cathodic protection system	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)
Etiwanda Power Plant	Construct power plant at Etiwanda Control Structure	Final design continues

SPEC. NO. OR FACILITY	SCOPE/PURPOSE	STATUS
San Jacinto Tunnel, West Portal	Seismic modifications	Preliminary design continues on second phase
All pumping plants, discharge pipelines	Seismic modifications	Consultant study continues
All pumping plants, pump buildings	Seismic modifications	Final design continues
La Verne facility -- auto repair and utility shop	Seismic modifications	Preliminary design continues
Olinda PCS	Vibration monitoring study	Consultant study continues
San Fernando Tunnel	Construct Ser. Con. LA-36 for L.A./Glendale/Burbank (Reimbursable)	Preliminary design complete; waiting for final design deposit
West Valley Feeder	Enlarge Ser. Con. CA-2 (Reimbursable)	Final design continues
L.A. Headquarters	Replace sunscreens, seismic upgrade, space requirements	On hold pending Board decision of future site location
Desalination pilot plant study	Demonstration plant 5-mgd capacity concept development	Consultant study continues
Spec. 1240A, Jensen Plant	Furnish hydrofoil flocculators	Bids opened 2/6/92 and currently under review
Spec. 1252, Eastside Reservoir	Clear and grub reservoir site	Advertised 2/11/92

PLANNING

Drought '91 Water Monitoring. Water conservation savings are estimated for each month in 1991 and 1992. For January 1992, new water use data from the 24 agencies showed retail consumption to be 13.1 percent less than January 1991. Monthly average high temperature in January 1991 was 67.0 degrees Fahrenheit (F); in 1992, it was 69.5 degrees F -- 2.5 degrees warmer than 1991 and 3.0 degrees warmer than the 30-year average of 66.5 degrees F. The average rainfall in January 1991 was 1.24 inches; in January 1992

it was 1.61 inches. The 30-year average rainfall for January is 2.54 inches. Adjusted for population growth and climate, January 1992 showed a net 11.5 percent saving relative to 1991 water use, and 21.4 percent relative to pre-drought 1987 water use.

Central Pool Augmentation and Water Quality Project. Right-of-way studies in advance of site acquisition, including appraisal work, were resumed for the five parcels of land comprising the Eagle Valley water treatment plant site alternative. These studies were put on hold in November for budgetary considerations.

Inland Feeder. The U. S. Forest Service was updated on the project's status and a potential exchange involving lands within the San Bernardino National Forest was discussed. Follow-up meetings are being arranged with all key agencies and organizations to discuss potential project impacts and mitigation planning.

Lake Skinner Landfill Expansion. Meetings were held with the consultant to confirm the extent of occupied Stephens' kangaroo rat habitat within the operations area and to identify options for SKR removal. Field visits revealed the population densities of the animal in the proposed landfill area have increased since last spring.

Central Pool Augmentation. This project was "restarted" and the administrative draft EIR/EA is in review and revision. Consultant is reviewing the mitigation concepts and looking for available lands in Orange County to mitigate for the California Gnatcatcher. Also, the current revegetation strategy is in progress at Laguna Laurel.

INFORMATION SYSTEMS

Frequency Reallocations. The Federal Communications Commission (FCC) has proposed the reallocation to other public use of two frequencies currently used by Metropolitan. The effect of this decision would require Metropolitan to replace most of its radio and telephone facilities at a cost of several million dollars. Metropolitan filed a protest with the FCC and other actions have been initiated, including requests for involvement from U. S. Congressional representatives.

Strategic Plan. Work is in progress for the Information Systems Strategic Plan, a comprehensive program to support Metropolitan's future information requirements, necessitated by the age of Metropolitan's current information systems, changes in technology, and business requirements. Recent new and amended agreements with outside consultants provide for design work; materials, training, consulting; and development work.

ADMINISTRATIVE SERVICES

Facilities Management. As of February 14, the contractor (Dinwiddie Construction Company) ceased work on the World Chinese Trust (WCT) Building. Discussion with both the contractor and building owner are continuing in an effort to resume construction at the earliest possible date. All indications at this time are that occupancy may be delayed approximately four to six weeks.

Telecommuting. The first phase of Metropolitan's telecommunication pilot project was implemented as an interdivisional effort, with Administrative Services staff serving as project leader. Telecommuting was included as part of Metropolitan's commitment to the South Coast Air Quality Management District (SCAQMD) to reduce trips to the downtown Los Angeles area during peak traffic hours. During the pilot, initially telecommuting will be done from a satellite office in Metropolitan's leased space at San Dimas. The telecommuting pilot project plan includes proposals for other satellite offices and for home telecommuting to ensure a representative sampling of telecommuting's options for Metropolitan staff. Emphasis is being placed on the fact that telecommuting can be accomplished with nothing more than a telephone, paper and pencil and that satellite offices do not have to be equipped with every type of hardware and software used at Metropolitan; all that's needed is proper planning on the telecommuter's part. The pilot program is planned for a 12-month period, during which regular evaluations will be made by the outside consultant.

Fleet Management. SCAQMD has approved Metropolitan's trip reduction plan submitted for the La Verne facilities. In order to ensure future plan approval, the existing ridership incentives for four persons will be enhanced by authorizing the use of District pool cars for commuting to work. Also, two 15-passenger vans have been leased to eliminate up to thirty daily employee commutes. Shuttle van routes were established among Amtrak, Blue Line stations, and the Los Angeles Headquarters Building (LAHQ). Up to 45 employees participate in this program on a daily basis.

Purchasing and Stores. Purchase orders and agreements totalling \$4.3 million were issued, and Central Stores' inventory was valued at \$8.34 million, a decrease of \$100.6 thousand from the previous month. To familiarize minority, women, and small businesses with Metropolitan's bid procedures and procurement needs, Metropolitan sponsored a Minority, Women and Small Business Symposium which focused on procurement opportunities at Metropolitan. Over 500 vendors attended the presentation.

Office Services. The District-wide Records Center was relocated from LAHQ to the Commerce Warehouse to alleviate crowded conditions and for fire marshall compliance requirements. The move included over 600 cubic feet of boxes, 100 vertical filing cabinets, and 1.5 million engineering drawings.

PERSONNEL

LIABILITY CLAIMS/WORKERS' COMPENSATION CASES	
Liability or property claims	16 incidents
Property damage or bodily injury from third parties	4 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	15 claims
Fiscal year-to-date Workers' Compensation totals: No-lost-time cases = 62 Lost-time cases = 47 First aid only = 17	126 claims
(The number of injuries reported during this period decreased by five from the same period last year.)	

Miscellaneous. The partial hiring freeze that was begun October 11, 1991 is still in effect. A total of 1,046 resumes and applications were received during the month, and positions were filled. The following divisions had positions filled, as indicated through the outside recruitment process:

Operations.....9
 Information Systems.....4
 Environmental Compliance.....2
 Finance.....2
 SWP/Conservation.....1
 Administrative Services.....1
 Planning.....1
 Engineering.....1
 Water Quality.....1
 Resources.....1

Also, a recently instituted Position Control Number System identifies each authorized filled, vacant, or frozen position and assigns a unique number thereto. This enables staff to track positions throughout the District.

RIGHT OF WAY AND LAND

Eastside Reservoir/Domenigoni Site. Escrows closed during the month on two parcels, escrows were opened for two parcels, and an offer was made on one property. Three appraisals were completed and released for acquisition negotiations. Also, a permanent easement was acquired confirming rights to previously constructed Service Connection OC-62.

Zoning Amendment. A request to amend existing zoning to allow construction of the requisite microwave communication system between leased office space in San Dimas and the Weymouth plant was presented to the City of San Dimas Planning Commission. The request was approved and is being processed for ultimate approval by the city council.

Annexations. Three annexations which were recorded in November 1991 with Riverside County were completed in accordance with the provisions of Board Resolutions 8324, 8325, and 8326.

PUBLIC AFFAIRS

Media. Southern California's record-breaking storms and their impact on the region's 1992 water supply picture received considerable attention from local through national media outlets during the month. News reports detailed Metropolitan's Board's authorization to purchase up to 200,000 AF of emergency supplies from a state drought water bank, and also the Board's authorization for staff to acquire options through the state for additional bank water that may be available. Also, Metropolitan's revenue plan to

assess a service availability charge on its 27 member public agencies and to collect a water standby charge on all real property in the six-county service area attracted substantial media interest.

Government Relations. Staff assisted Information Systems personnel with the FCC frequency reallocation proposal by encouraging Directors to correspond with U.S. Congressional representatives and FCC commissioners. Also, an update was provided to the Western Riverside Council of Governments on the Bay/Delta hearings and the drought and staff will update Assemblywoman Gwen Moore (D) on the status of the rate design study as called for in her bill, AB 1794.

FINANCE

Firm Revenue Sources. Public hearings will be held in March and April for the proposed imposition of a water standby charge and an availability of service charge. The Board has already adopted resolutions of intent to impose the charges, and plans have been formulated to allow the public input/response opportunities. Each charge, if ultimately adopted by the Board, would raise approximately \$25 million in firm revenue. A consultant has been authorized to provide services required to implement a standby charge and a public relations firm retained to convey to the public the purpose and benefits of the proposed charges.

Revenue Design Study. A comprehensive study of Metropolitan's revenue structure was commissioned to address water supply and demand forecasting methodology, revenue and reserve requirements, classes of service and rate structures, other revenue mechanisms, and the relationship of the Capital Improvement Program to operations and maintenance budgets. The study is in response to financial challenges associated with the drought, the on-going capital improvement program, and Democratic State Assemblywoman Gwen Moore's AB 1794. An initial draft is expected in April and the final report is scheduled for presentation to the Board in June.

ENVIRONMENTAL COMPLIANCE

Annual Emission Summaries. Staff began collecting data for certain hazardous materials used at eight District facilities during 1991 to complete the annual air emission inventory and fees due to SCAQMD. The San Bernardino County Air Pollution Control District (SBCAPCD) reviewed AB 2588 Air Toxic Emission Inventory Plans for Metropolitan's Iron Mountain and Gene facilities. Certain toxic substances were found and procedures proposed to

estimate the quantities of these substances emitted into the atmosphere. The SBCAPCD requested minor revisions/additions to the 1990 inventory plans, originally submitted in August 1991, and, following approval, Metropolitan must submit air toxic emission inventory reports to the SBCAPCD.

Remediation Reports. Remediation work plans were in progress for the Arroyo Seco site to delineate the vertical and lateral extent of contamination; gasoline contaminated soil at the Hinds pumping plant; the petroleum hydrocarbon contaminated soil at the large tank excavation site at Lake Skinner; minor contamination at the previous site of the old underground storage tank at Palos Verdes Reservoir; and for possible contamination in the stockpiled soils at Lake Mathews Reservoir. Remediation and mercury clean-up at meter site WR-25 in the Lake Skinner area was completed.


for Carl Boronkay