

Dated:  
March 31, 2012

# THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA



## GENERAL MANAGER'S MONTHLY ACTIVITY REPORT FOR MARCH 2012

THIS REPORT IDENTIFIES THE ACTIONS/ACTIVITIES TAKING PLACE DURING THE MONTH THAT SUPPORT THE OBJECTIVES OF THE GENERAL MANAGER'S FISCAL YEAR 2011/12 BUSINESS PLAN.

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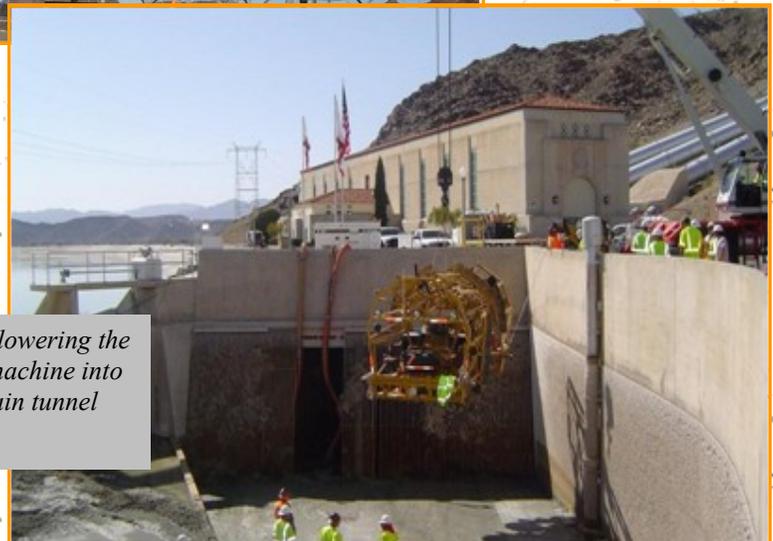
### WATER SYSTEM OPERATIONS

*Operate and maintain the water and power systems in an effective and efficient manner to ensure reliable delivery of water supplies*

A 25-day planned shutdown of the Colorado River Aqueduct began on February 28 to perform maintenance and reliability upgrades. (see the full article on page 5)



*High-voltage testing at the Gene switchyard during the CRA shutdown*



*Crane operators lowering the tunnel cleaning machine into the Eagle Mountain tunnel access*

## BAY-DELTA INITIATIVES

### ***Complete the public draft Bay Delta Conservation Plan and the associated draft Environmental Impact Report/Environmental Impact Statement***

As reported last month, the first administrative drafts of the Bay Delta Conservation Plan (BDCP) and Environmental Impact Report/Environmental Impact Statement (EIR/S) were posted on the BDCP website ([baydeltaconservationplan.com](http://baydeltaconservationplan.com)) for the public to view. This is not a formal public review and comment release but rather part of the state’s commitment for an open and transparent process. As expected, the first administrative drafts contain several thousands of pages of text, figures, tables, and technical appendices. Additional work and refinement of these documents is expected between the first administrative drafts and the release of the second administrative drafts, scheduled for May 2012, and the public drafts in the summer of 2012. Metropolitan staff is reviewing the first administrative drafts in coordination with other public water agencies.

### ***Develop near-term measures, compatible with a long-term Delta solution, to improve water supply reliability and water quality, and facilitate protection and enhancement of Delta ecosystems and associated species***

#### Habitat Restoration

Progress continues on the Lower Yolo Bypass tidal marsh restoration project. A solicitation for consulting firms to assist with the preparation of regulatory permits was finalized. The regulatory crediting Prospectus for the project is also nearing completion. The draft Prospectus provides technical justification for over 1,000 acres of both salmon and delta smelt credits to meet the U.S. Fish & Wildlife Service and National Marine Fisheries Service requirements in their respective Biological Opinions. With final concurrence of the land owner and State and Federal Contractors Water Agency Board, the draft EIR should be ready for public comment this spring.

#### State Water Resources Control Board

Last month the State Water Resources Control Board (State Water Board) initiated a process to consider the comprehensive review of the Bay-Delta Water Quality Control Plan and potential changes to protect beneficial uses in the Bay-Delta. Staff coordinated with state and

federal water contractors to submit written comments regarding the proposed State Water Board process focusing on the need to (1) coordinate with the BDCP, (2) use best available science, (3) avoid protracted water rights proceedings, and (4) recognize competing water uses such as hydropower. Water contractor comments also proposed a modified schedule that will ensure a timely, open and transparent process. Staff has been working with State Water Board members and staff, power utilities, and other water users to develop a proposal for holding workshops that will inform the State Water Board in its upcoming flow proceedings.

### ***Develop long-term Delta improvements through the Bay-Delta Conservation Plan, including measures that implement conveyance and species conservation improvements***

The Delta Stewardship Council held two, two-day meetings in March. On March 15 and 16, the Council discussed comments received on the draft Delta Plan EIR and potential changes to the draft Delta Plan to address comments. The Council plans to continue the discussion of draft EIR comments and provide direction to staff for a sixth staff draft of the Delta Plan at the March 29 and 30 meeting. Council staff committed to bring back a matrix that includes options for Delta Plan revisions for the Council to consider at their next meeting. At this time, we expect a sixth staff draft Delta Plan to be released for public comment in April or May 2012. It is unclear at this time whether another draft of the Delta Plan EIR will be circulated for public review. Metropolitan staff is coordinating with Council members and staff, and with Association of California Water Agencies’ Ag-Urban Coalition.

## BAY-DELTA INITIATIVES

### ***Ensure that Delta emergency response measures are implemented, including actions to develop a fresh water pathway after a major emergency event in the Delta***

Efforts continued this month to identify levee improvements that would help reduce levee slumping during major seismic events along emergency freshwater pathway levees and reduce pathway levee improvement costs. URS Corporation consultants met with East Bay Municipal Utility District for design of levee improvements to protect the Mokelumne Aqueducts at Jones Tract and Woodward Island to determine compatibility with emergency freshwater pathway needs. URS will evaluate the reduced potential for levee slumping under earthquake conditions with the addition of the EBMUD levee improvements and will identify further work deemed appropriate for pathway purposes. This summer, a toe berm will be constructed by RD 2028 to provide additional levee stability along much of the Bacon Island emergency freshwater pathway west levee through funds from the Delta Levees Program. URS will evaluate the potential for levee slumping under earthquake conditions with the addition of the toe berm and identify any further pathway needs.

## WATER RESOURCE MANAGEMENT—Water Supply

### ***Collaborate with member agencies to coordinate planning efforts, develop policy recommendations, and promote consistent public communications in water resource management issues***

Restaurant Kitchen Water Efficiency—Metropolitan staff collaborated with the Gas Company and Southern California Edison to conduct a training event on restaurant kitchen efficiency at the Gas Company’s Energy Resource Center in Downey. More than 40 participants attended including member agencies, retail agencies and Metropolitan staff. The training included presentations on how to conduct a restaurant audit, hands-on demonstrations of restaurant kitchen equipment, and water and energy saving devices.

Fix-a-Leak Week Campaign—Metropolitan promoted “Fix-a-Leak Week,” a nationwide campaign sponsored by Environmental Protection Agency WaterSense, by providing information online at [bewaterwise.com](http://bewaterwise.com) and reminders throughout Metropolitan’s Headquarters building. Metropolitan is collaborating with WaterSense to set performance standards for water efficient devices and help increase consumer awareness of water efficiency.

### ***Ensure cost-effective and reliable State Water Contract Supply***

State Water Project Allocation—Metropolitan submitted a revised SWP water delivery schedule for 2012 that incorporates California Department of Water Resources’ recently reduced allocation from 60 to 50 percent.

### ***Implement Foundational Actions for Potential New Sources of Supplies***

CalDesal Legislation Day—Metropolitan staff participated in the CalDesal Legislation Day held in Sacramento. Staff organized visits to four California state legislators to discuss AB 2595—legislation sponsored by CalDesal to study streamlining the permitting process for desalination plants. This legislation is being authored by State Assembly Member Isadore Hall.

### ***Participate, and lead where appropriate, in statewide and regional planning efforts***

Staff provided testimony at Assemblyman Solorio’s Select Committee on Regional Approaches to Addressing the State’s Water Crisis. The hearing was held on March 14 and focused on progress towards the State’s 20 percent by 2020 water use efficiency.

**WATER SUPPLY CONDITIONS as of March 31, 2012**

2012 SWP Allocation:

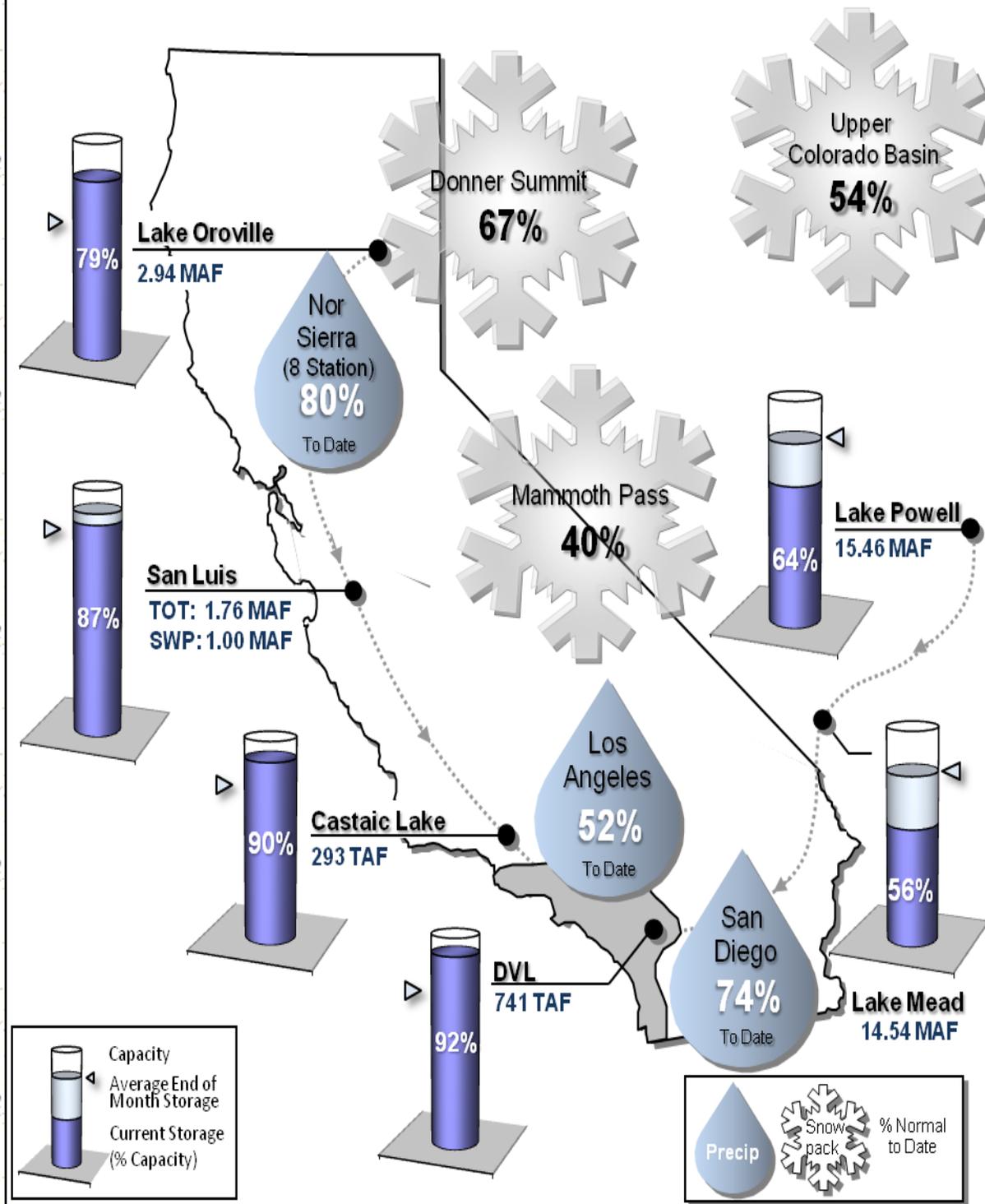
**955,750 AF**  
 50% of Table A  
 (Does not include CVWD & DWA Table A)

2012 Colorado River Supply:

**713,000 AF**  
 57% of full CRA  
 (Does not include ICS)

Statewide Snowpack:

**53%**  
 (Percent of Normal to Date)



## WATER SYSTEM OPERATIONS—System Reliability

### ***Operate System Reliably***

System Operations delivered approximately 118,000 acre-feet of water to meet member agency demands in March, which is an average of about 3,800 AF per day. Treated water deliveries for March totaled 62,000 AF, or 2,000 AF per day. This is a slight decrease from February due to recent wet weather. Additionally, 2,800 AF was delivered to Desert Water Agency and Coachella Valley Water District in exchange for their State Water Project Table A supplies. Deliveries to the exchange account were lower than last month due to the Colorado River Aqueduct shutdown.

The Colorado River Aqueduct was shut down at the end of February to perform aqueduct maintenance and complete several reliability enhancement projects. Upon successful completion of the shutdown, deliveries resumed at a four pump flow on March 24. On March 28, this was increased to a seven pump flow.

State Water Project deliveries were 65,000 AF in March, which is higher than last month. SWP blends remained unchanged at the Weymouth, Diemer, and Skinner water treatment plants for the month of March. Diamond Valley Lake storage decreased by 28,000 AF during the month of March, due to the CRA outage. DVL supplied most of the Skinner area demand as a result.

System Operations continued to maximize power generation whenever possible. In March, Metropolitan's hydroelectric plants generated an average of 35 megawatts for a total of 26,000 megawatt-hours (MWh). Power production from DVL for the month of March was about 4,500 MWh.

### ***Optimize maintenance***

#### Colorado River Aqueduct Maintenance

A 25-day planned shutdown of the CRA began on February 28 to perform maintenance and reliability upgrades. Work included:

- Completing testing of transformers at Gene; rebuilding expansion joints on the delivery lines at Hinds; installing an emergency generator at Eagle Mountain; and installing new 230 kV electrical disconnects at Eagle Mountain and Hinds.
- As part of the CRA shutdown, 65 miles of tunnel were cleaned to maintain the maximum hydraulic capacity of the aqueduct.

- Staff also added approximately one mile of curbing at the top of the canal wall (see photos below) to maintain the hydraulic capacity of the Colorado River Aqueduct. The additional height eliminates various choke points along the open canal.



Staff replaced approximately 600 square feet of cracked or lifted concrete panels along the CRA. (see photo below)



## WATER SYSTEM OPERATIONS—System Reliability

### ***Optimize maintenance***

#### Colorado River Aqueduct shutdown continued

- The La Verne Shops manufacture replacement parts for large field equipment. In March, staff began manufacturing a yoke for a discharge valve at Eagle Mountain. The yoke is an internal component of the pump discharge valve that can rapidly close and stop pump flow in the case of an emergency such as a failed delivery line.
- During the shutdown, staff inspected the 13-mile long San Jacinto Tunnel. No problems were identified other than a few isolated areas that needed minor concrete repairs.

#### Distribution System

A 10-day shutdown of San Diego Pipeline No. 5 began on March 18. Staff replaced 11 deteriorated valves which are used to isolate air and vacuum release equipment along the pipeline. Additionally, the San Diego County Water Authority performed repairs and pipeline modifications on their downstream portion of the pipeline. During this same shutdown, the Red Mountain hydroelectric plant received new electrical control and protection equipment designed to improve its overall reliability.

The Sepulveda Feeder was removed from service for seven days beginning on March 19 to inspect 4.4 miles of pre-stressed concrete cylinder pipe and 2.6 miles of welded steel pipe. Concurrently, a member agency’s contractor installed a 20-inch turnout valve as part of a planned expansion of the WB-26 service connection which will allow the connection to be supplied by the Sepulveda Feeder or the Culver City Feeder.

The Federal Energy Regulatory Commission inspected the Etiwanda hydroelectric plant on March 15. The inspector reviewed all of the maintenance and improvement project records for the past three years. The inspector complimented staff for housekeeping, upgrades to perimeter fencing, and the security system at the facility. The inspector rated the hydroelectric plant at “Excellent.”

Staff repaired the Valley View hydroelectric plant when a needle valve controller failed during restart. The needle valve controls the flow of water through the unit. The failed unit was replaced and the unit returned to service in approximately seven days

#### Water Treatment Plants Maintenance

During the Foothill and Sepulveda Feeder shutdown, staff made repairs and performed maintenance of critical systems at the Jensen water treatment plant. The shutdown also provided the opportunity to conduct an inspection of pre-stressed concrete piping internal to the plant. Repair work at the Jensen plant included fixing small leaks, replacing chlorine feed system valves, and replacing damaged high-voltage system wiring. Extensive maintenance was also performed on all of the plant’s high-voltage power supply systems. This work consisted of cleaning, testing, calibrating and servicing breakers, disconnects, transformers and switchgear.

The La Verne Shops manufactured eight sheaves for a Diemer water treatment plant sedimentation basin. A sheave is a wheel or roller with a groove along its edge for holding a cable in the sedimentation basin equipment.

The contractor erected the new Coatings Shop expansion walls as part of the La Verne coatings shop upgrade project. Construction activities should be complete in January, 2013.

The Heating, Ventilation and Air Conditioning staff replaced two failing 7.5 ton capacity air conditioning units at the La Verne Water Quality Lab. The units being replaced were originally installed in 1986 and 1993 to control the climate in portions of the laboratory. The life expectancy of the new and more energy efficient units is approximately 20 years. Energy efficiency improved by approximately 30 percent with this replacement.



*Using the micron bag filter system for Quagga Mussel control during dewatering of San Diego Pipeline No. 5*

## WATER SYSTEM OPERATIONS—System Reliability

### ***Support water resources program***

To maximize reliability, Metropolitan supports the California Department of Water Resources through reimbursable agreements. At DWR’s request, Metropolitan completed the manufacturing of seven platforms for their Edmonston Pumping Plant. Each platform will be permanently installed below plant equipment to support large valve removal during a planned plant rehabilitation.

Additionally, DWR requested assistance in rehabilitating a corroded door assembly from the Gianelli Power Plant. The door allows personnel access to the inlet of the pump, while withstanding water pressure behind it. The scope of the work included door weld repairs, manufacturing a new door frame, and machining new hinge pins and bushings

### ***Effectively manage power system requirements and optimize generation***

In March, Metropolitan sold three April forward energy contracts. The contracts totaled 24,000 megawatt hours of energy at a sale value of approximately \$360,000. The contracts were sold due to lower energy requirements from reduced Colorado River Aqueduct pumping in 2012.

On March 21 and 22, Metropolitan staff met with a technical work group of the Western Electricity

Coordinating Council to discuss reliability of the Colorado River Aqueduct electrical transmission system after a series of power interruptions or faults. Further studies will continue to be investigated to minimize any potential problems.

### ***Develop workforce***

Twenty new pre-apprentices will begin training in the Apprenticeship Program in April. Upon completion of new employee orientation, the mechanical and electrical pre-apprentices will spend the next two days attending training courses designed to ensure understanding of the work environment and employee safety

### ***Improve security and emergency response***

On March 6, the Mills water treatment plant conducted an evacuation drill. This drill allowed plant personnel to practice evacuating to designated locations at the plant while Emergency Response personnel ensured all plant personnel had evacuated safely.

Staff responded to vandalism at the Lower Feeder Control Tower. The structure was set on fire. Damage was minimal and staff made interim repairs to the electrical power system. Security investigated the incident and a police report has been filed.



*Two (out of seven) completed Edmonston Pumping Plant platforms shown after coating operations at the La Verne Coatings Shop*

**WATER SYSTEM OPERATIONS—Water Quality*****Protect source water quality***

Metropolitan completed its update of the 2010 Colorado River Watershed Sanitary Survey and submitted the report to the California Department of Public Health on March 28. Completion of the report fulfills a regulatory requirement (California’s Surface Water Treatment Rule) for public water systems to conduct a comprehensive sanitary survey of its watersheds every five years. The sanitary survey identifies potential sources of watershed contamination, summarizes source and treated water quality data, evaluates Metropolitan’s treatment plants, compliance with drinking water regulations, and recommends watershed management activities that will protect and improve source water quality.

***Optimize water treatment and distribution***

Flow-weighted running annual averages for total dissolved solids for February 2011 through January 2012 were 409, 360, and 352 mg/L for the Diemer, Weymouth, and Skinner water treatment plants, respectively.

***Provide technical support to member agencies***

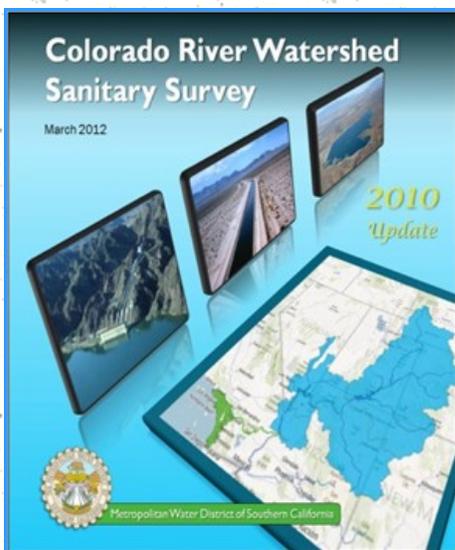
Water quality staff conducted a Member Agency Water Quality Webinar on March 13. Staff provided updates on water regulations and legislation, water supply, water quality, and water system operations.

***Fully comply with water quality, safety, and environmental regulations***

Metropolitan complied with all water quality regulations and drinking water standards during the month of March.

***Prepare for future regulations***

The Consumer Confidence Rule Retrospective Review began in October 2011 and is expected to be completed by January 2013. During the Retrospective Review, U.S. EPA will identify opportunities for improving the effectiveness of the methods used to communicate drinking water information to the public while lowering the burden on water systems and states. Water Quality Staff participated in a recent webcast on the proposed Consumer Confidence Rule revisions with the goal of assisting both internal staff and member and retail agencies in complying with any changes to these regulations.



## ENGINEERING SERVICES—Capital Investment Plan

***Manage high priority projects which replace or rehabilitate equipment and facilities to enhance reliability, comply with regulations, and improve plant operating efficiency of Metropolitan's water treatment plants***

Oxidation Retrofit Program (ORP)

This program was established to add ozonation facilities and thereby reduce the level of disinfection by-products in the finished water of Metropolitan's five treatment plants in order to meet state and federal drinking water standards. Recent activities include the following:

Diemer ORP

- Main ORP Construction—Construction of the Diemer ozonation facilities is 94 percent complete and is scheduled to be complete in late 2012.

Weymouth ORP

- Main ORP Construction (Staged Capacity)—Final design is complete and the project was advertised for competitive bids in January 2012. Bids will be opened in April 2012.

Mills ORP

- Ozone System Reliability Upgrade—This project will install ozone generation equipment which has been fabricated and is currently being stored in a bonded and climate-controlled facility. Final design is complete and the project is scheduled to be advertised for competitive bids in April 2012.



*Diemer ORP – Ozone Contactors and Generation Building*

Water Treatment Plant Improvement Programs

These programs were initiated to maintain reliability and to improve operating efficiency of Metropolitan's water treatment plants through specific improvement projects. Recent activities include the following:

Weymouth Plant

- Washwater Reclamation Facility Upgrades—Construction is 25 percent complete and is scheduled to be completed by late 2012. A procurement contract for the backwash return pumps was awarded by the Board in March 2012.

Diemer Plant

- Emergency Broadcast System Upgrade—This project will expand and upgrade the existing emergency broadcast system to address system deficiencies and meet the demand of new facilities. Construction is 98 percent complete and is scheduled to be complete by April 2012.
- Filter Media Replacement—This project will replace anthracite and sand filter media to prevent the release of manganese in treated water after the plant switches to ozone disinfection. Construction is 45 percent complete and is scheduled to be complete by August 2012.

Skinner Plant

- Electrical Building and Ground Fault Protection Upgrades—This project will upgrade the electrical equipment and ground fault protection systems in the existing Electrical Buildings Nos. 1 and 3 and nine Plant No. 1 MCC Buildings. Construction is 25 percent complete and is scheduled to be complete by mid-2014.

Mills Plant

- Sodium Hydroxide Storage Tank Replacement—This project will replace three tanks which have been removed from service due to deterioration. The project was advertised for competitive bids in February 2012, and bids were opened in March 2012.

## ENGINEERING SERVICES—Capital Investment Plan

***Manage high priority projects which replace or rehabilitate equipment and facilities, to enhance reliability of Metropolitan's conveyance and distribution system, and to protect water quality***Conveyance and Distribution System Rehabilitation Program

This program was initiated to maintain reliable deliveries through specific repair and rehabilitation projects on Metropolitan's pipelines, reservoirs, and control structures. Recent activities include the following:

- La Verne Shop Buildings Expansion and Upgrades—This project will refurbish and replace shop equipment and will expand the shop buildings to ensure Metropolitan's ability to respond to emergency fabrication and machining needs. This project is being executed in four stages. Stages 1 and 2 replaced 19 pieces of equipment, replaced the machine shop roof, seismically upgraded the fabrication building, and upgraded the bridge cranes. Stages 1 and 2 are complete. Stage 3 construction, which will upgrade the coating shop facilities and equipment, is 50 percent complete and is scheduled to be complete by December 2012. Stage 4 will integrate the machine and fabrication shop functions into a single building and will rehabilitate and replace additional equipment. Final design of the Stage 4 construction is complete, and the project has been advertised for competitive bids.
- Santa Ana River Bridge Seismic Retrofit—This project will strengthen the Santa Ana River Bridge, which supports the above-ground portion of the Upper Feeder as it crosses the Santa Ana River. Preliminary design of the upgrades is complete. Final design phase activities were authorized by the Board in March 2012.

Treated Water Cross Connection Prevention Program

A total of 300 air release and vacuum valves are being relocated in this program from underground vaults to the ground surface to prevent potential cross connections.

- The final construction contract (out of a total of 12 contracts) is 85 percent complete, and is scheduled to be complete by July 2012.

Colorado River Aqueduct Reliability Programs

These programs were established to maintain reliability of the Colorado River Aqueduct. Recent activities include the following:

- Pumping Plant Standby Generator Replacement—This project will replace the 50-year-old generators which are nearing the end of their service life. The new installations will be at a different location and ancillary facilities will be upgraded to meet current fire codes and environmental regulations.
  - Eagle Mountain Pumping Plant Standby Generator Replacement—Construction of the upgrades is 99 percent complete and is scheduled to be complete by April 2012.
  - Gene Pumping Plant Standby Generator Replacement—Preliminary design of the upgrades is 45 percent complete and is scheduled to be complete by August 2012.
  - Iron Pumping Plant Standby Generator Replacement—Preliminary design of the upgrades is complete. Final design phase activities and procurement were authorized by the Board in March 2012.
- CRA Pumping Plants 230 kv Disconnect Switch Replacement—This project will replace outdated disconnect switches at the Gene, Iron Mountain, Eagle Mountain and Hinds Pumping Plants. These high-voltage switches provide the primary means for isolating the pumping plants' electrical system for maintenance and repair. Construction is 57 percent complete and is scheduled to be complete by March 2013.

## BUSINESS TECHNOLOGY—Business Processes and Information Technology

### *Continue to implement sustainable business practices to reduce Metropolitan’s use of natural and renewable resources*

- Published issue 64 of *Our Legacy*, entitled “Ease the Pain at the Pump.” This issue focused upon a multitude of ways to reduce the total spent on gasoline each month.
- Spring Green Expo is on track for an excellent event this year. Vendor spaces are 80 percent full; student entries are double over last year and there has been an excellent employee response to the newly added water-themed photo exhibit.
- Rideshare participation for the third quarter has notched up to 40.4 percent for FY 2011/12. Increased levels of activity have moved in conjunction with oil and gas prices.
- During the third quarter of FY 2011/12, the Paper Reduction Program continued its success with 75 percent less office paper usage (compared to the 2007 baseline).

### *Efficiently maintain and operate Metropolitan’s Headquarters building, the Diamond Valley Lake Visitor Center, and the DVL Education Center*

As part of efficiently maintaining the Headquarters Facility, staff completed vendor selection for the janitorial services contract. DMS was again the successful bidder to provide these services. A recommendation to award has been sent to the Chief Operating Officer.

The City of Hemet requested a number of changes to the Diamond Valley Lake Visitor Center Solar Metering project. Approval is now pending information from Southern California Edison for an “arc flash safety study” of the electrical panel.

### *Ensure operational reliability and security of Metropolitan’s Information Technology systems by delivering cost-effective Information Technology products and services*

Business Technology has commenced with the Personal Computer Replacement Project by assembling an intergroup committee to facilitate with identifying fundamental requirements of their respective organizations. This Metropolitan-wide PC refreshment

will be evaluating the use of new technologies such as desktop virtualization and mobile devices. It is estimated that at the time of replacement PC’s and laptops will exceed six years in age.

### *Continue to implement business improvements and promote self-service to increase organizational efficiency*

- Through the evaluation of Metropolitan’s Information Technology Project Delivery Model and improved communications, wireless networking capabilities are being rolled-out for Metropolitan employees with mobile devices. This network allows employee personal mobile devices (smartphone/tablet) to access the Internet. Further evaluations are underway to explore the use of Metropolitan applications in a mobile environment.

The sixty second E-newsletter Archive

## OUR LEGACY

Managing tomorrow's resources today

### EASE THE PAIN AT THE PUMP



Gasoline - \$4.50 a gallon, and they say it's going higher. We may not have control over the cost of fuel, but we do have control over how much we purchase.

There are multitudes of ways to reduce the total you spend on gasoline each month and most of them do not require our love affair with the pump.

Very simple to

### MWD Rideshare Services

## FEEL FREE AS A BUTTERFLY

Take Rideshare and fly to work without the stress of driving alone by taking:

- Train or bus
- Vanpool
- Carpool
- Bike
- Walk



## BUSINESS TECHNOLOGY—Business Processes and Information Technology

### ***Maintain an effective Business Outreach Program for regional, small, and veteran businesses to ensure broad participation and competitive costs***

#### Vendor Development, Training and Certification

Business Outreach was able to introduce over 1,900 businesses to Metropolitan’s business opportunities, training programs, and our E-Procurement, Vendor Registration, Small Business Certification, Contract Compliance and Accountability programs on NETConnect.

- Business Outreach’s “Managing Your Innovation” Team had an opportunity to meet the winners of *Imagine H2O’s “2011 Wastewater Innovation Prize.”* Winners of *Imagine H2O’s Wastewater Prize* will be featured at WEFTEC® 2012, Water Environment Federation’s 85th Annual Technical Exhibition and Conference.
- Supported the Orange County Business Community by representing Metropolitan at the “Business Matchmaking and Procurement Workshop” held in Irvine. Metropolitan participated in “*How to Do Business with the Government*” workshops, exhibited at the event and participated in one-on-one matchmaking.
- Attended the 19<sup>th</sup> *Annual Greater Los Angeles African-American Chamber of Commerce Economics Awards Dinner.* Metropolitan was nominated for an award under the public agency category and also presented an award.

Business Outreach also continued vendor development, education, training, and support of the Southern California Business Community by participating in the following March 2012 award programs, conferences, expos and events:

- National Association of Women Business Owners, Business Seminars and Networking Events—San Diego
- Women Business Enterprise Council-West, Business Development Networking Event—Los Angeles
- National Latina Women’s Business Association, Business Development Series—Los Angeles
- Women Business Owners Conference “Expand Your Impact through Social Media, Global Marketing, and Government Contracting”—Orange County

### Support of State of California, Member Agencies, City of Los Angeles, Southern California Business and Veteran Business Community

- Metropolitan supported the President and White House Business Council, the Small Business Administration and the Los Angeles Business Community by exhibiting at and participating in the *White House Urban Economic Forum.* Over 400 business owners joined the Council and SBA for the Forum in Los Angeles, which connected entrepreneurs and business owners to local, state, and national resources to help them grow their businesses.
- Metropolitan continued partnership and support for the National Association of Women Business Owners at the Los Angeles Chapter’s *26th Annual Leadership & Legacy Awards.* Over 1,000 businesses and government agencies attended the event, honored the award winners, and participated in the workshops.
- Metropolitan exhibited at the Jet Propulsion Laboratory/NASA High Tech Expo and Conference and increased outreach to the Veteran Business Community. Over 1,116 attendees at the expo and conference were introduced to NETConnect, Metropolitan’s E-Procurement, Vendor Registration, Small Business Enterprise Certification, and Contract Accountability and Compliance Program.
- Metropolitan supported the State of California and the San Diego Business Community by participating in Caltrans District 11 and San Diego Public Agency Consortium’s *8th Annual Small Business Exchange.* Over 300 small businesses attended the event.

## EXTERNAL AFFAIRS—Legislative, Communications and Community Relations

***Continue to develop and implement local, state, and federal water policy and legislative strategies consistent with board-adopted policies*****State Legislation**Local

Staff participated in the California Building Industry Association's quarterly board and government affairs Committee meetings in Sacramento on March 1 to brief members on SB 250 (Rubio) and urge the association's continued support for the Bay Delta Conservation Plan.

State

February 24 was the deadline for new bill introductions in 2012. More than 1,850 new bills were introduced in this second half of the 2011-12 legislative session. Metropolitan staff has identified several bills of interest to Metropolitan, including:

- AB 2000 (Huber, D-El Dorado Hills) Sacramento-San Joaquin Delta: Delta Plan—Metropolitan is opposing AB 2000 based upon the board's adopted Delta Action Plan.
- AB 2421 (Berryhill, R-Lodi) Sacramento-San Joaquin Delta: peripheral canal—Metropolitan is opposing AB 2421 based upon the board's adopted Delta Action Plan.
- SB 1278 (Wolk, D-Davis) Planning and zoning: levees—pending review
- SB 1495 (Wolk, D-Davis) Sacramento-San Joaquin Delta Reform Act of 2009—pending review
- SB 1340 (LaMalfa, R-Redding) Appropriation of water: Sewerage Commission Oroville—pending review
- AB 2402 (Huffman, D-San Rafael) Department of Fish and Game: Fish and Game Commission: entitlements: fees: violations —pending review
- SB 1148 (Pavley, D-Los Angeles) Fish and Game Commission—pending review

In addition, three bills have been introduced that advance Metropolitan board priorities adopted back in December 2011:

- AB 1620 (Wieckowski, D-Fremont) Hazardous waste: treatment—pending review
- AB 2595 (Hall, D-Los Angeles) Desalination—pending review
- AB 2398 (Hueso, D-San Diego) Water Recycling—pending review

Informational Hearings—On March 13, the Senate Natural Resources and Water Committee, chaired by

Senator Fran Pavley, held an informational hearing to focus on issues and perspectives on the Bay Delta Conservation Plan and Delta Plan. Assistant General Manager Patterson testified on behalf of the State Water Contractors.

On March 14, the Assembly Select Committee on Regional Approaches to Addressing the State's Water Crisis, chaired by Assembly Member Jose Solorio, convened an informational hearing to explore whether regions are on track to meet the 20 percent reduction in per capita urban water use by 2020. Mr. Upadhyay, Manager of Water Resources Management Group, testified on Metropolitan's actions in support of conservation and progress, to date, in Metropolitan's service area toward meeting the goal.

Joint Legislative Audit Committee (JLAC)—On March 7, Assembly Member Ricardo Lara (D-Los Angeles), chair of the JLAC, presented his request to have the State Auditor General's Office investigate rising water costs in Southeast Los Angeles County. The Committee approved the State Auditor moving forward to examine significant factors contributing to the cost of water. The independent audit will identify roles related to the delivery and sale of water in Southern California.

Federal

On February 27-29, Directors Record, Ackerman and Lewinger participated in the Association of California Water Agencies D.C. Conference, which featured meetings on ACWA's key water policy priorities with several members of the California Congressional Delegation and representatives of the Administration.

On March 6-7, Directors Ballin, Fleming, Friedman, Grunfeld, and Wunderlich represented Metropolitan at a variety of meetings with members of Congress and Administration officials in coordination with the Los Angeles Chamber of Commerce's annual *Access D.C.* conference in Washington, D.C.

On March 28, Director Griset participated in the National Water Resources Association conference in Washington, D.C., as Metropolitan's representative to the association's Municipal Caucus.

## EXTERNAL AFFAIRS—Legislative, Communications and Community Relations

***Coordinate and communicate day-to-day efforts to maintain and improve: operations and maintenance; source water quality protection and water treatment; infrastructure replacement, refurbishment and development; emergency management; and media communications and community outreach***

- Distributed more than 550 notices to residents in the City of Perris regarding the Perris Valley Siphon Repair Project during the Colorado River Aqueduct Shutdown.
- Arranged interviews with General Manager Kightlinger and Los Angeles Times columnist and KABC-TV Channel 7 reporter at the Colorado River Aqueduct shutdown in the desert for stories about the cost of maintaining and repairing Metropolitan’s aging infrastructure and distribution system, and cost of dealing with invasive quagga mussels.
- Provided information and escorted Riverside Press-Enterprise columnist on San Jacinto Tunnel shutdown tour for a story about the tunnel’s history, its importance to Metropolitan’s water system and need for maintenance.
- Set up interview with General Manager Kightlinger and Sacramento Bee reporter for a story about pending federal legislation regarding the Sacramento-San Joaquin Delta.
- Provided information and materials in response to Public Records Act requests from reporters representing KCBS-TV Channel 2 in Los Angeles and the Acorn newspapers.
- Arranged interviews with General Manager Kightlinger and reporters for the San Diego Union-Tribune, North County Times and Orange County Register for stories stemming from San Diego County Water Authority allegations about Metropolitan in context of proposed water rate hikes.
- Issued press release about the Board’s appointment of Marcia Scully as Metropolitan’s General Counsel.



*Staff inspecting the San Jacinto Tunnel along the Colorado River Aqueduct*

## EXTERNAL AFFAIRS—Legislative, Communications and Community Relations

***Support board member communications and working relationships with elected officials, other government leaders, and business and community leaders***

On March 16, Directors Camacho, De Jesus, Edwards and Hawkins joined staff for the Regional Chamber of Commerce - San Gabriel Valley Newsmakers Luncheon featuring Senate Minority Leader Bob Huff (R-Diamond Bar), where the Senator shared his thoughts on the state’s economy, business regulations and resource needs.

***Strengthen Metropolitan’s community outreach efforts***

Efforts and activities included:

- Staff conducted water conservation activities at the annual Orange County Children’s Drinking Water Festival held at the Nixon Library in Yorba Linda. More than 700 students from grades 3, 4 and 5 participated in the activities.
- Staff conducted Diamond Valley Lake Education Program field trips for more than 350 students in grades 4-5 from the Hemet, Lake Elsinore, San Jacinto and Temecula Valley Unified School Districts, and conducted in-class presentations for students in grade 4-5 from Menifée and Hemet Unified School Districts. Staff also worked with more than 500 students on field trips with the Western Science Center.
- Staff also hosted more than 100 high school students from the Pomona area as part of a DVL field trip in collaboration with Three Valleys Municipal Water District and presented an H2O show for two kindergarten classes.

***Continue to develop and manage public education and outreach programs focusing on extraordinary conservation efforts***

Online search on Google Search and the Google Content Network continues this month. Links to [bewaterwise.com](http://bewaterwise.com) appear when keywords such as “water,” “California weather,” and “water rebates” are searched for by Southern California users.

***Continue to develop and manage public information programs to convey Metropolitan’s role in water supply, resource planning, water quality protection, conservation, and other water policy issues***

Metropolitan assisted in organizing the Water Policy 21 Conference planned by the Public Officials for Water and Environmental Reform. Staff helped organize a panel on seismic risks to state water supplies that featured Dr. Lucy Jones from United State Geological Survey Earthquake Science Center; Mike Mierzwa, Flood Policy Advisor of California’s Department of Water Resources; Richard Atwater, Southern California Water Committee; and Metropolitan Special Projects manager Randall Neudeck. In addition, Steve Arakawa, Bay Delta Initiatives manager, participated on a panel regarding the Bay Delta Conservation Plan.

Staff provided a water supply update to approximately 40 Riverside County water, government, business and regional organization representatives at the Riverside County Water Task Force meeting.

***Communicate and work with member agencies to assist in coordination and delivery of water policy issues and actions to ensure key priorities identified by Metropolitan and its member agencies are addressed***

Coordinated executive staff monthly meeting with the member agency managers where the Bay Delta Conservation Plan, State Water Project Delivery Reliability Report, Colorado River Issues, Water Supply Update and a Review of Scheduled Shutdowns were discussed.





About 127,000,000 results

[Advanced search](#)

Everything

Images

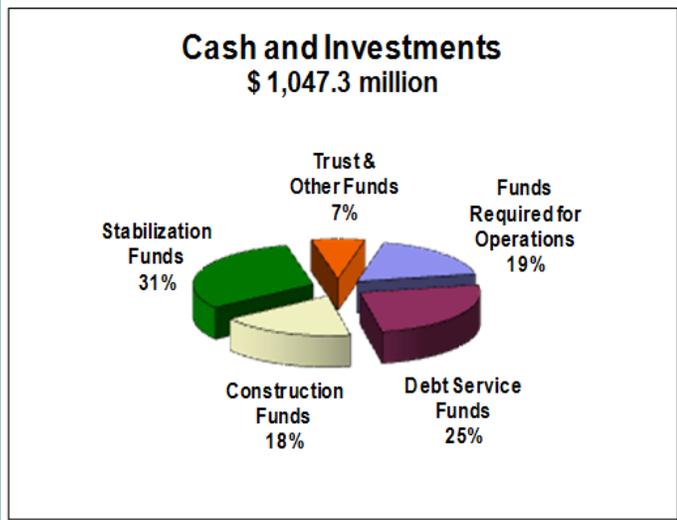
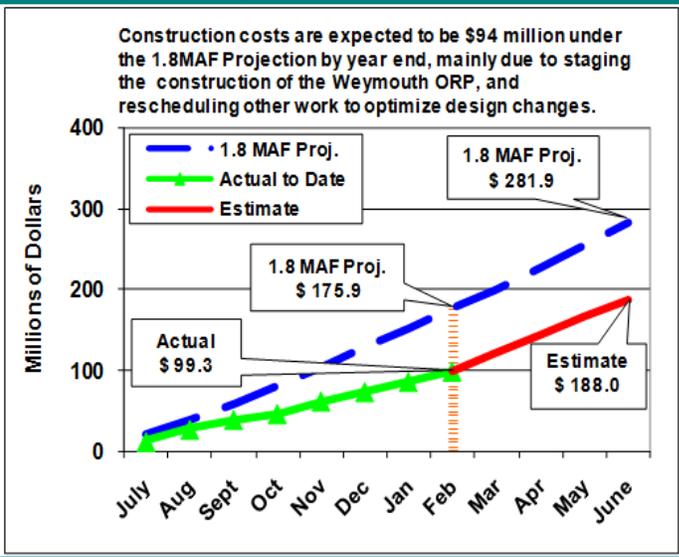
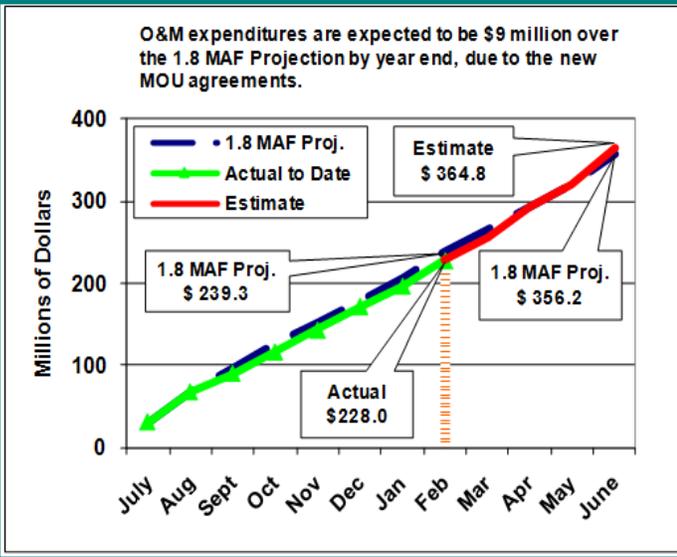
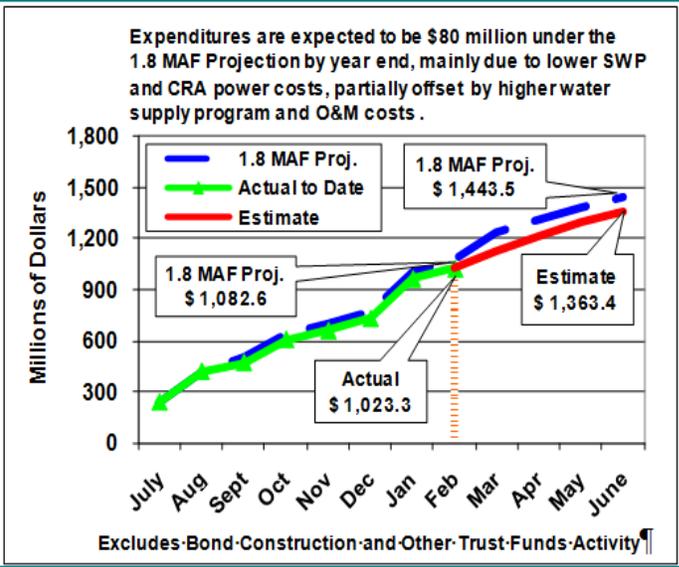
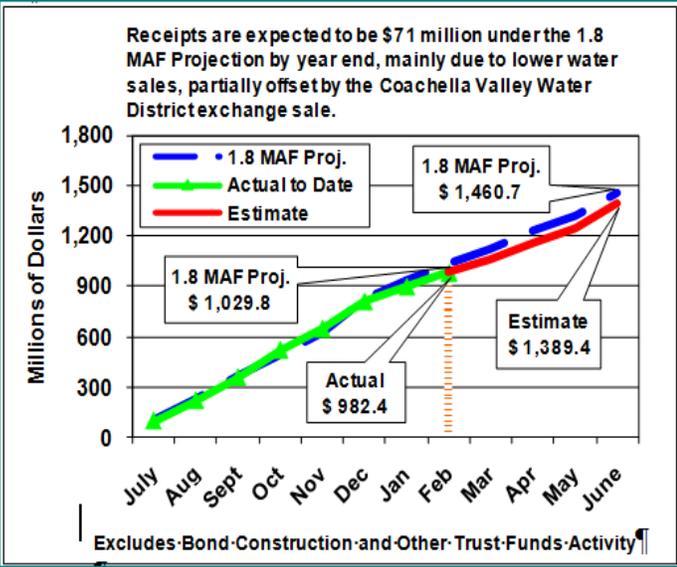
Videos

[Metropolitan Water District of Southern California](#)

A consortium of 26 cities and water districts that provides drinking water to nearly 17 million people in parts of Los Angeles, Orange, San Diego, Riverside, San ...

[www.mwdh2o.com/](http://www.mwdh2o.com/) - Cached - Similar

**FINANCE as of February 29, 2012**



### Summary Financial Statistics

	Target	Year-End Projected
Fixed Charge Coverage	≥ 1.20 x	1.19 x
Revenue Debt Service Coverage	> 2.00 x	1.67 x
Revenue Bond Debt / Equity Ratio	< 100.0%	73.8%

#### Credit Ratings

	Target	Actual
- Moody's Investors Service	Aa2	Aa1
- Fitch Ratings	AA	AA+
- Standard & Poor's	AA	AAA

**CHIEF FINANCIAL OFFICER GROUP—Financial Management**

***Ensure adequate financial controls are utilized***

Completed review of internal controls over financial reporting for the period ending June 30, 2011. No material weaknesses were noted and management concluded that internal controls over financial reporting and information technology security were effective for the 12 months ended June 30, 2011.

**REAL PROPERTY DEVELOPMENT AND MANAGEMENT GROUP  
Real Property Management**

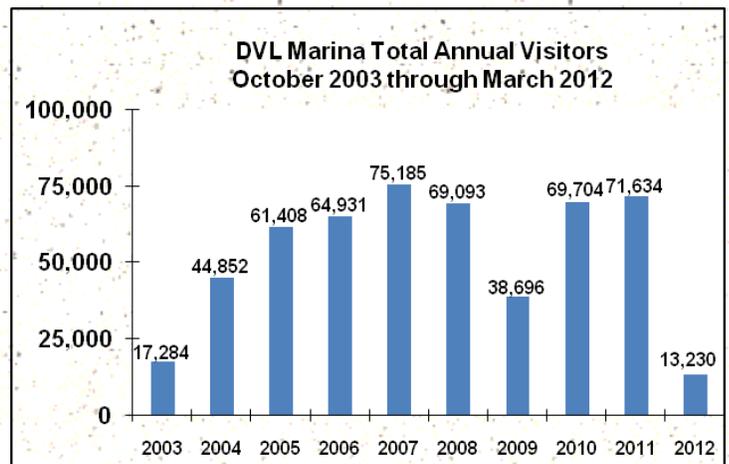
***Develop policies, strategies, and actions that enable sustainability in all aspects of real property including development, revenue optimization, appraisal, acquisition and annexation while concurrently improving the planning, management, and quality of internal real property activities and services***

- Eastern Municipal Water District was issued an entry permit to allow temporary construction activities and access on a portion of the Colorado River Aqueduct right of way. These activities include access for vehicles and equipment staging area during the installation of conduit and ancillary improvements in conjunction with Eastern’s adjacent Perris Water Filtration Bypass project.
- A one-day Film Entry Permit was issued to WWE LH Productions, Inc., to use portions of the parking lot, marina, lake, recreation area, Lakeview trail and access roads at Diamond Valley for a reality television series.

***Manage natural resources and related facilities at Diamond Valley Lake and Lake Skinner through best management and sustainable practices to effectively protect water quality***

Metropolitan received the first five month’s rent on the newly executed percentage lease with Urban Park Concessionaires for the operation of the DVL Marina and the Lakeview Trail. The \$31,194 received represents 7 percent of the October through February 2012 gross receipts.

Diamond Valley Lake has hosted approximately 526,000 visitors at its marina facilities and 126,000 private boats have launched since the 2003 public opening.



## HUMAN RESOURCES—Human Resources Excellence

### ***Identify, assess, and manage risk***

- The Risk Management Unit completed 36 incident reports communicating instances of Metropolitan property damage, liability, workplace injuries, regulatory visits and spills.
- Risk Management completed 93 risk assessments on contracts, including professional service agreements, construction contracts, entry permits, special events and film permits.

### ***Control Workers' Compensation costs***

- Conducted initial investigations on 13 injury incidents
- Submitted 9 new claims to Metropolitan's workers' compensation claim administrator
- Settlements were finalized in 3 claims, and 9 claim files were closed
- Completed annual claim audit
- Attended quarterly file review with claim administrator
- Arranged 14 medical evaluations (DMV, medical surveillance, hearing conservation, etc.)
- Addressed 1 accommodation issue

### ***Manage Total Compensation***

HR Benefits hosted two Financial Workshops at Lake Skinner which included speakers from CalPERS and HR Benefits.

### ***Manage succession***

The cross-training initiative for HR Section Managers commenced on March 5. Managers are establishing priorities, discussing customer needs and working with internal staff to deliver a better overall product and service for our customers.

### ***Set high performance standards***

Met with Group Managers to review rollout plans for the new *MyPerformance* process which begins in July 2012.

### ***Foster learning and development***

- Staff continued ongoing administration of three engagements with external coaches, and internal coaching and consultation for eight managers on issues from transition management and development to succession planning.
- Delivered all-day Career Development training on *Preparing for Job Interviews* and coordinated and delivered Day 3 & 4 of *New Manager Orientation*.
- *Conflict Resolution* and *Teamwork* classes were delivered during March. Staff also coordinated the delivery of sessions 1, 2 and 3 of a four-part *Persuasive Writing Training Series* for Water System Operations by an external trainer and an *InsideTrack* class on getting the most out of *Outlook*, presented by WSO Section manager Bart Koch.
- Staff completed conversion of all three modules of the online Contract Academy Acquisition Process into Articulate format for delivery through MyLearning. Beta testing is in progress.

### ***Acquire talent***

- Two regular full-time employees started working at Metropolitan during March. Three vacancies were filled through promotions and an internal transfer. There are 93 open positions in various stages of the recruitment process, including 20 pre-apprentices. Human Resources is also providing staff support for recruitment and selection of four Student Internship positions in Engineering.
- Participated in the following recruitment outreach activities:
  - Community Job Fair at Los Angeles Dodgers Stadium, hosted by Employment Development Department
  - Cal State Dominguez Hills Spring Job and Internship Fair
  - Construction and Associated Careers, hosted by Los Angeles Trade Tech
  - Louisville Girls High School Career Fair



**Event Activities**

- ▶ **Opening Ceremony**  
8:30am
- ▶ **Vendor Exhibits & Student Projects Open**  
9:00am - 1:30pm
- ▶ **Seminars**  
9:00am; 10:00am; & 11:00am

**Storage**

	3/31/2012 Storage (AF)	Percent of Capacity
DVL	741,528	92%
Lake Mathews	126,390	69%
Lake Skinner	36,812	84%

**Useful information:**

**AF** = acre-foot, the volume of water to cover an acre of land, one-foot deep.

Approximately 326,000 gallons of water, serves annual needs of two typical California families.

**TAF**=thousand acre-feet

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Los Angeles, CA 90012  
General No.: 213 217-6000  
www.mwdh2o.com  
www.bewaterwise.com

**Metropolitan's Mission** is to provide its service area with adequate and reliable supplies of high-quality water to meet present and future needs in an environmentally and economically responsible way.

General Manager: Jeffrey Kightlinger  
Office of the GM No.: 213 217-6139  
Email: OfficeoftheGeneralManager2@mwdh2o.com

