

THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

General Manager's Monthly Activity Report for July 2015

July 31, 2015

This report identifies the actions and activities taking place during the month that support the objectives of the General Manager's Fiscal Year 2015/16 Business Plan.

METROPOLITAN ROLLS OUT SUMMER 2015 ADVERTISING, OUTREACH CAMPAIGN ASKING CONSUMERS TO "TAKE A TURN" AND HELP SAVE WATER DURING DROUGHT

Turn has a powerful double meaning: Much of water conservation begins with the action of 'turning' something off and now it's time to take your 'turn'—the word encourages to take action.

The campaign will use the hashtags #TakeATurnCA and #bewaterwise.

more on page 12

The seal in Metropolitan's Headquarters rotunda gets a new look.



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COMPLETE PLANNING PROCESS FOR THE CALIFORNIA WATERFIX AND CALIFORNIA ECORESTORE

Continue to take on a lead role in securing water supplies for the State Water Project (SWP) and working towards the completion of the State of California's Proposed Delta Improvements, Recirculated Draft Environmental Impact Report (RDEIR)/ Supplemental Draft Environmental Impact Statement (SDEIS) for the California Water Fix and California Eco Restore.

Pursue Decision on the State's Proposed Delta Improvements including the California WaterFix and California EcoRestore.

The Bay Delta Conservation Plan (BDCP)/ California WaterFix Partially Recirculated Draft Environmental Impact Report/Supplemental Draft Environmental Impact Statement (RDEIR/ SDEIS) was released to the public on July 10, 2015. The RDEIR/SDEIS was prepared by the lead agencies, California Department of Water Resources and U.S. Bureau of Reclamation, to provide the public and interested agencies an opportunity to review engineering refinements made to the water conveyance facilities; to introduce new sub-alternatives (Alternatives 4A California WaterFix, 2D and 5A) to explore alternative regulatory permitting approaches; and to include updated environmental analyses that in part were conducted in response to issues raised in the more than 12,000 comments received on the December 2013 Public Draft BDCP EIR/EIS.

Alternative 4A is the new Preferred Alternative, replacing Alternative 4 (the proposed BDCP). Alternative 4A includes the modified water conveyance design, habitat actions limited to mitigation of the conveyance only (approximately 15,600 acres), and embodies a new regulatory approach for gaining necessary authorizations under the California Endangered Species Act and Federal Endangered Species Act. The public comment period started July 10, and due to the 60-day extension announced on July 22, concludes on October 30, 2015. Staff is reviewing the revised environmental documents for consistency with adopted Board Policies and will be working jointly with other State Water Project/Central Valley Project public water agencies and the metropolitan member agencies to prepare comments.

BAY-DELTA SOLUTIONS

- Develop near- and long-term solutions that enhance the Delta ecosystem, improve water supply reliability, and protect water quality.
- Participate in the State Water Resources Control Board (SWRCB) process considering petition for an additional point of diversion for new conveyance facility.
- Continue to work on efforts related to improving water supply reliability and protecting water quality.

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

State Water Resources Control Board—Due to dry conditions in the Delta, the State Water Resources Control Board (SWRCB) has issued several curtailment notices directing water diverters in the Delta watershed to cease diversions. As reported previously, curtailment notices were issued for all Term 91 and pre- and post-1914 water rights (on or after 1903) in the Sacramento-San Joaquin River watershed and Delta. On July 15, the SWRCB partially rescinded and reissued a water supply availability notice to more than 4,600 holders of over 9,300 junior and senior water rights to clarify that although previous notices

BAY DELTA INITIATIVES

CORE

BAY-DELTA SOLUTIONS continued...

were only advisory, diverting water where none is legally available could result in significant penalties. In response to a recent Sacramento Superior Court ruling, the re-issued notice clarifies that there is no order to stop taking water, but diversions when there is no available water for groups of diverters under their priority of rights are unauthorized and subject to enforcement. The SWRCB emphasized that the recent court ruling explicitly upheld the SWRCB's authority to enforce the Water Code. Multiple cases challenging the curtailment notices were filed by senior water right holders in June and July, raising issues that include due process, SWRCB jurisdiction and water availability.

As reported previously, the SWRCB considered a Temporary Urgency Change Petition (TUCP) submitted by the California Department of Water Resources and the U.S. Bureau of Reclamation in January 2015, requesting temporary changes to the terms of the water rights permits for operation of the SWP/CVP. The SWRCB has subsequently

approved several TUCP renewal requests for changes to Delta flow and salinity requirements as conditions have unfolded. On May 21, DWR and USBR submitted a TUCP renewal request for July through September. The TUCP was conditionally approved but required a revised Sacramento River Temperature Management Plan. On July 7, the revised temperature management plan was conditionally approved. Updated monitoring and modeling revealed that the original plan would not provide adequate fishery protection. The revised plan, which targets lower Shasta releases than provided in the previous plan, requires USBR to provide frequent monitoring and modeling information to the SWRCB and an interagency team. Lower releases will have an impact on water supplies at Folsom and Oroville. Impacts to the SWP will be accounted for through the normal Coordinated Operations Agreement procedures. Metropolitan staff continues to monitor real time conditions through coordination with DWR

Near-Term Actions: Drought Barrier—In May, DWR installed an emergency salinity barrier at West False River to help limit the tidal push of saltwater from San Francisco Bay into the central Delta and help minimize the amount of freshwater that must be released from upstream reservoirs to repel saltwater. In order to monitor the effectiveness of the barrier, DWR installed 10 new monitoring stations to augment the existing network of 11 monitoring stations. DWR's analysis of the monitoring data indicates that the barrier, in conjunction with other operational measures, has helped control salinity levels in the Delta during these very low flow conditions, particularly as compared to levels that would have occurred without installation of the barrier. The emergency barrier will be removed by November 15 before the flood season and to avoid harm to migratory fish.

Pursue the best scientific research to protect and restore fish, wildlife, and the Delta's ecosystem while ensuring water supply reliability.

Staff is working with Jet Propulsion Laboratory staff to design a project to map turbidity levels in Suisun Bay using spectroscopic analysis of satellite images captured over many years. The project will help scientists better understand the turbidity dynamics in much more detail than is possible at present using information from individual fixed stations. Turbidity appears to be linked to the presence and possibly the abundance of Delta smelt and longfin smelt.

BAY DELTA INITIATIVES

CORE

BAY-DELTA SOLUTIONS continued...

Ensure that Delta emergency response measures are implemented, including actions to develop a freshwater pathway after a major emergency event in the Delta.

Staff continues to coordinate with DWR on Delta emergency response measures. DWR has advised that during major levee failure emergencies, DWR and the U.S. Army Corps of Engineers will integrate personnel and resources to execute flood fight plans under a unified command structure, consistent with their draft Delta Emergency Operations Integration Plan of April 2015.

DWR is integrating logistics and hydrodynamic models into a combined tactical model, which can quickly assess levee breach and damage issues, levee restoration needs, and levee repair and water export resumption timelines. Study results are planned for completion by end of 2015.

DWR is expected to advertise construction contracts in September for facilities improvements and materials stockpiling at the Rio Vista and Stockton stockpiles sites. Later this year, rock from the False River salinity control barrier is expected to be removed and placed at the Rio Vista stockpile site, which would be available for emergency operations in the Delta. This work will include site preparation and access improvements.



BUSINESS TECHNOLOGY

CORE

BUSINESS PROCESSES AND INFORMATION TECHNOLOGY

Advance continuous business process improvements to improve effectiveness and efficiency while striving for innovation, flexibility, and integration with technology.

Implement innovative solutions for our customers that will positively impact their business operations through improved quality, speed, simplicity, and cost improvements.

Cloud Based Solutions—Three new collaboration sites have been developed in SharePoint Online:

- World Water Forum site for External Affairs to help coordinate activities for the event.
- Geographic Information System (GIS) user group site in support of GIS team activities.
- Control System Upgrade site for managing related projects.

Upgrade and refurbish IT applications and infrastructure to ensure system reliability and performance levels that meet customer needs.

Network Communications Infrastructure—Staff deployed an additional 22 network switches, tallying a total of 188 switches deployed since June. Among other benefits, replacement of the switches at Metropolitan's Headquarters and field sites will speed up access to information within the network.

Mobile Device Accessibility and Coverage—Staff recently installed signal boosters/amplifiers and antennas to enhance cellular coverage in areas where the signal was weak, particularly in the board and committee rooms.

BUSINESS TECHNOLOGY

CORE

BUSINESS PROCESSES AND INFORMATION TECHNOLOGY continued...

Foster a culture of innovation.

Small Business Certification System—Staff is expanding a uniform online Small Business Certification System with public agency partners to increase access to government contracts for regional and small businesses. Meetings this month included:

- User group meeting with The Port of Long Beach, city of Long Beach, MetroLink and Planet Bids to discuss SBE certification procedures, streamline processes, solve issues, and apply best practices.
- California B2B Alliance meeting with participation from the Valley Economic Alliance, Los Angeles Mayor's Office, Los Angeles County, and the Southern California small business community. The group is planning to introduce the B2BconnectR Platform to public agencies, cities and the business community this fall.

H2O TechConnect Community—As part of the H2O TechConnect community, staff aims to establish Metropolitan as a catalyst for collaboration among water industry leaders to identify new technologies. This month:

- Staff partnered with member agencies and others in the water and business community to form a Technology Approval Group (TAG) to identify emerging water technologies and accelerate their market uptake. Metropolitan hosted meeting #9 of TAG on July 21, with a focus on drought technology solutions.
- Staff presented and toured the 60,000 square-foot La Kretz Innovation Campus owned by Los Angeles Department of Water and Power. The campus is Los Angeles' new cleantech industry hub where Metropolitan will have a dedicated testing and piloting area for development of clean technologies.
- Staff participated in a round table discussion with the U.S. Assistant Secretary of Commerce about the ongoing drought, and innovation and technology funding to drive economic development in Southern California.
- On July 2, staff participated in the California Energy Commission's public workshop in Lynwood to develop a new rebate and grant program to save water and energy in the state's residential and industrial areas.
- On July 10, staff participated in the Environmental Protection Agency's Water Technology Summit in Sacramento. Staff presented on Metropolitan's drought awareness and water conservation programs; participated in the Barriers to Innovation panel discussions and water innovation workshops; and invited attendees to join Metropolitan's H2O TechConnect Portal.

Maintain an effective Business Outreach Program for regional, small businesses and veterans to ensure broad participation and competitive costs.

In July, Metropolitan conducted vendor development programs throughout the region to cultivate a qualified and competent pool of bidders and to support economic development in Southern California. Metropolitan also collaborated with member agencies to educate businesses on Metropolitan's contracting and business practices through a series of workshops. Staff participated in the following events:

- American Indian Chamber of Commerce Expo 2015—This annual event has been supported by Metropolitan since its inception in 2003.
- Southern California Minority Development Council's Supplier of the Year Awards—This event is a National Minority Supplier Development Council, Inc. program that celebrates outstanding certified Minority Business Enterprise partnerships with member corporations.
- San Diego Unified School District *Construction Expo 2015*.
- National Center for American Indian Enterprise Development, San Diego.

BUSINESS TECHNOLOGY

CORE

BUSINESS PROCESSES AND INFORMATION TECHNOLOGY continued...

Business Outreach Program continued...

- Asian Business Association's Orange County Matchmaking Event—The event highlights and brings forth Southern California businesses and gives them a platform to showcase their products and services.
- UCLA Anderson School of Management's Entrepreneurship Bootcamp for Veterans with Disabilities—Staff exhibited and spoke on panels at the Bootcamp and encouraged disabled veteran business enterprises to bid on Metropolitan contracts and participate in training, mentoring, matchmaking opportunities, and incentive programs at Metropolitan.
- Orange County Small Business Development Center—Matchmaking opportunities for the construction industry.
- Southwest Water and Energy Consortium, Los Angeles.
- The Energy Network, Los Angeles.



CHIEF FINANCIAL OFFICER

CORE

FINANCIAL MANAGEMENT

Manage Metropolitan's finances in an ethical and transparent manner and provide consistent, clear, and timely financial reporting. Update Metropolitan's capital financing plans and work with rating agencies and investors to communicate Metropolitan's financial needs, strategies, and capabilities thus ensuring Metropolitan has cost-effective access to capital markets and the ability to finance ongoing future needs. In addition, actively manage Metropolitan's short-term investment portfolio to meet ongoing liquidity needs and changing economic environments.

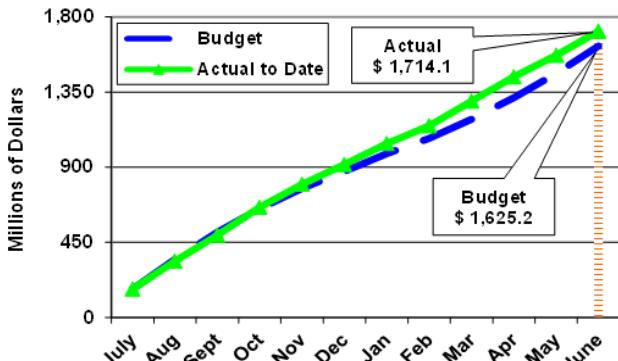
Record and report the financial activities of Metropolitan in a timely, accurate, and transparent manner to the Board, executive management, member agencies, and the financial community.

Financial activities are recorded in a timely and transparent manner.

CHIEF FINANCIAL OFFICER

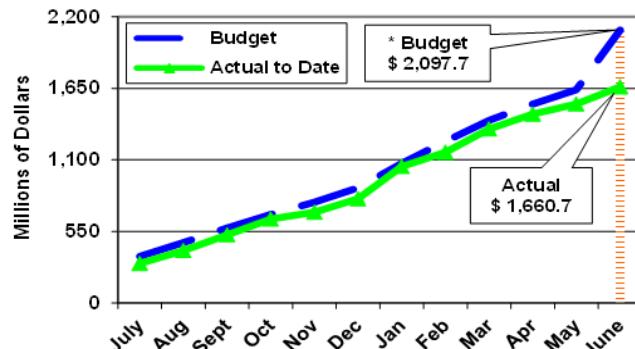
FINANCIAL SUMMARY AS OF JUNE 30, 2015 **PRELIMINARY**

Revenues are \$89 million over budget, mainly due to higher water sales.



Excludes bond construction and other trust funds activity

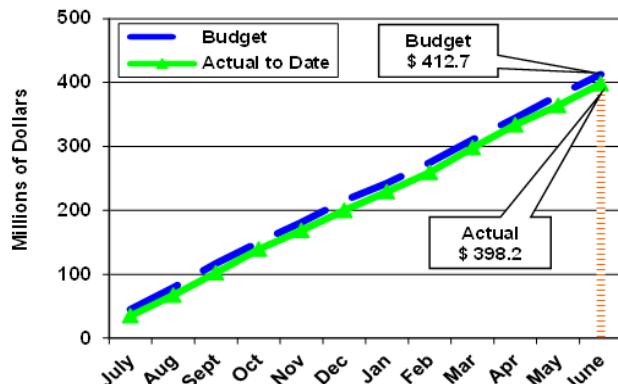
Expenses are \$437 million lower than budget, mainly due to lower demand management and SWC costs, partially offset by higher CRA power costs.



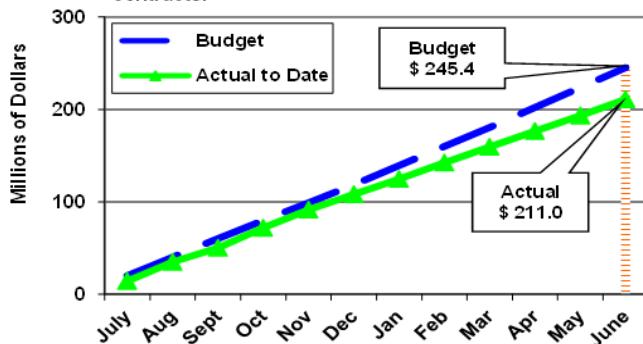
Excludes bond construction and other trust funds activity

* Includes \$41.1M and \$420M Board-approved increase for Water Supply Programs and Conservation, respectively.

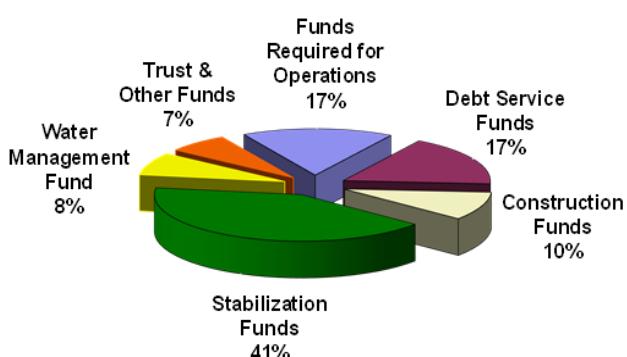
O&M expenses are \$15 million below budget, mainly due to lower labor and chemical costs.



The YTD construction variance is primarily due to the long permitting timeline for refurbishing the Palos Verdes Reservoir cover, liner, and outlet tower; and lower than planned progress payments on several construction contracts.



Cash and Investments at Fair Value \$ 1,625.1 million



Summary Financial Statistics

	Target	Actual
Fixed Charge Coverage	$\geq 1.20 \times$	2.27 x
Revenue Debt Service Coverage	$> 2.00 \times$	2.65 x
Revenue Bond Debt / Equity Ratio	$< 100.0\%$	57.7%

Credit Ratings

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

INFRASTRUCTURE RELIABILITY

Manage Board-authorized projects in the Capital Investment Plan and collaborate with the Water System Operations Group to identify and address system vulnerabilities to ensure reliability of the region's water treatment and delivery infrastructure. In addition, coordinate closely with WSO to integrate project planning and facility assessment efforts with near-term actions and planned shutdowns.

Manage and complete Board-authorized projects within the CIP to ensure the reliable delivery of water to Metropolitan's member agencies.

Distribution System Reliability Program

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

- Greg Avenue Pump Station Rehabilitation—This drought-response project improves the operational reliability of the Greg Avenue Pump Station by replacing the existing pump and pump/turbine, and by upgrading the electrical and control systems. Final design is 70 percent complete and is scheduled to be complete by March 2016.
- Orange County Feeder Relocation within the City of Fullerton—This project relocates 1,100 feet of the Orange County Feeder to accommodate major street improvements planned by the city of Fullerton. A 7-day shutdown to tie-in the relocated pipe was completed in June 2015. Overall construction is 98 percent complete and is scheduled to be complete by August 2015.
- Collis Avenue Valve Replacement—This project replaces the existing deteriorated 42-inch spherical valve with a new multi-orifice valve that will provide more effective flow and pressure control. Final design is 90 percent complete and is scheduled to be complete by October 2015.
- Casa Loma Siphon and Canal Flow Meters Replacement—This project replaces flow meters on the Casa Loma Canal, Casa Loma Siphon, and the San Diego Canal. Final design is 20 percent complete and is scheduled to be complete by December 2015.
- DVL Boat Ramp Expansion—This project extends the boat ramp at the East Marina of Diamond Valley Lake to its ultimate build-out elevation. Final design is 90 percent complete and is scheduled to be complete by August 2015.
- Middle Feeder Blow-Off Valve Replacement—This project replaces two deteriorated 12-inch diameter lubricated plug valves with new valves along the Middle Feeder within the city of Compton. Final design is 95 percent complete and is scheduled to be complete by August 2015.

Right-of-Way and Infrastructure Protection Program

This program performs needed site improvements within the distribution system, including erosion protection for pipelines and access roads. It also addresses right-of-way issues such as access easements and third-party encroachments, and obtains long-term programmatic environmental permits to enable system-wide improvements. Recent activities include the following:

- Orange County and Western San Bernardino County Operating Regions—Final design of improvements is 50 percent complete and is scheduled to be complete by December 2015. The draft programmatic EIR for the Orange County operating region is 96 percent complete and is scheduled to be released for public review and comment by August 2015.
- Los Angeles County Operating Region—Preliminary design of improvements is 35 percent complete and is scheduled to be complete by October 2015.
- Riverside/San Diego County Operating Region—Preliminary design of improvements is 20 percent complete and is scheduled to be complete by December 2015.

INFRASTRUCTURE RELIABILITY continued...

Colorado River Aqueduct (CRA) Reliability Program

This program maintains the reliability of Metropolitan's CRA conveyance system. Recent activities include the following:

- Canal Improvements—This project replaces deteriorated concrete panels and installs parapet walls along portions of the open canal to increase freeboard during periods of high flow. Final design is complete and a request to the Board for award of a construction contract is planned for September 2015.
- Radial Gates Replacement—This project replaces eight corroded radial gates located along the CRA. The gates are used to dewater and isolate reaches of the canal. Design is 55 percent complete and is scheduled to be complete by December 2015.
- Iron Mountain Vehicle Service Center Rehabilitation—This project rehabilitates the existing vehicle service center located at Iron Mountain Pumping Plant. Construction is 40 percent complete and is scheduled to be complete by November 2015.
- Intake Power & Communication Lines Relocation—This project replaces a deteriorated 2-mile-long power line that is the primary source of power for critical facilities including Gene Wash Dam, Intake Village, and the Black Metal Mountain communication towers. Final design is 65 percent complete and is scheduled to be complete by October 2015.

Water Quality/Oxidation Retrofit Program (ORP)

This program adds ozonation facilities which reduce disinfection by-products and improve water quality at Metropolitan's five water treatment plants. Recent activities include the following:

Weymouth ORP

- Main ORP Facilities—The Weymouth plant is the final facility to be upgraded and receive the ozonation process. Construction of the ozonation system is 79 percent complete and is scheduled to be complete in late 2016. The ozonation system will commence operation in 2017. (*see photos below*)

Diemer ORP

- Diemer ORP—On July 1, the Diemer plant began using ozone as the primary disinfectant for compliance with state drinking water regulations. Construction to re-vegetate the Diemer plant's south-facing slope is 30 percent complete and is scheduled to be complete by February 2016.

Weymouth-Structural steel for sulfuric acid tank farm.



Weymouth-Ozone piping on contactor deck.



INFRASTRUCTURE RELIABILITY continued...Treatment Plant Reliability Program

This program was initiated to maintain reliability and improve the operating efficiency of Metropolitan's five water treatment plants through specific improvement projects. Recent activities include the following:

Weymouth Plant

- **East Washwater Tank Seismic Upgrades**—This project upgrades the Weymouth plant's east washwater tank to improve its ability to withstand a major seismic event. Construction is 80 percent complete and is scheduled to be complete by November 2015.
- **Filter Rehabilitation**—This project replaces the internal components of the Weymouth plant's 48 filters, including the underdrains, media, launder troughs, and surface wash systems. Construction is 3 percent complete and is scheduled to be complete by May 2017.

Diemer Plant

- **Electrical Upgrades, Stage 2**—This project replaces electrical equipment, improves backup capability, and upgrades the Diemer plant's electrical system to be consistent with current codes and industry practices. Construction is 67 percent complete and is scheduled to be complete by April 2016. ([see photo below](#))
- **Yorba Linda Power Plant Turbine Replacement**—This project at the Diemer plant replaces the existing Pelton Wheel turbine with a Francis turbine capable of operating under post-ORP hydraulic conditions. Manufacture of the turbine generator is complete and the equipment has been delivered to the site. Construction work includes plant modifications and turbine installation, commissioning and testing. Construction is 93 percent complete and is scheduled to be complete by October 2015. ([see photo below](#))

Mills Plant

- **Chemical Unloading Facility Chlorine Containment**—Construction of containment facilities is 34 percent complete and is scheduled to be complete by February 2017.



Diemer Electrical Upgrades, Stage 2—Paving of trench following installation of a ductbank.



Yorba Linda Power Plant—Control panel for generator cooling water system.

ENGINEERING SERVICES

CORE

INFRASTRUCTURE RELIABILITY continued...

Treatment Plant Reliability Program continued...

Jensen Plant

- Washwater Tank Seismic Upgrades—This project upgrades the Jensen plant's two washwater tanks to improve their ability to withstand a major earthquake. Construction is 83 percent complete and is scheduled to be complete by October 2015.
- Module No. 1 Filter Valve Replacement—This project replaces 78 deteriorated filter valves within Module No. 1 with new AWWA-standard valves. Construction is 15 percent complete and is scheduled to be complete by October 2016.
- Electrical Upgrades, Stage 1—This project replaces electrical equipment, provides backup in the event of individual component failures, and upgrades the electrical system to be consistent with current codes and industry practices. The Stage 1 work will be completed in two phases. Final design of the initial phase is 97 percent complete and is scheduled to be complete by October 2015.
- Jensen Solids Transfer System—This project enables Metropolitan to use four solids lagoons on the grounds of the Los Angeles Aqueduct Filtration Plant. The project installs 7,600 feet of solids transfer piping and a utility crossing structure across Bull Creek Channel. Construction is 90 percent complete and is scheduled to be complete by October 2015.
- LADWP Lagoon Refurbishment—This project rehabilitates four LADWP lagoons, which will be used by Metropolitan. Construction is 13 percent complete and is scheduled to be complete by April 2016.



EXTERNAL AFFAIRS

STRATEGIC
PRIORITY

EDUCATE THE PUBLIC AND STAKEHOLDERS ON CRITICAL WATER SUPPLY CONDITIONS AND CRITICAL WATER MANAGEMENT DECISIONS

External Affairs efforts will focus on educating the public, legislative leaders, government officials, non-governmental organizations, and other stakeholders on critical water supply conditions and critical water management decisions.

Expand and enhance Metropolitan's outreach to key stakeholder groups in Southern California, statewide, nationally and internationally in support of strategic priorities.

- General Manager Kightlinger discussed California's water issues with the Global Security Seminar for the Los Angeles Physicians for Social Responsibility. (July 9)
- Staff presented an overview of statewide and regional water conditions and conservation activities to the Building Owners and Managers Association of Greater Los Angeles. (July 14)
- General Manager Kightlinger was the featured speaker on a panel discussion entitled "Are We Tapped Out – California's Water Reality" at a water forum sponsored by State Senator Carol Liu's Water Forum in Duarte. (July 24)

EDUCATE THE PUBLIC AND STAKEHOLDERS ON CRITICAL WATER SUPPLY CONDITIONS AND CRITICAL WATER MANAGEMENT DECISIONS continued...

Expand and enhance Metropolitan's outreach to key stakeholder groups in Southern California, statewide, nationally and internationally in support of strategic priorities.

- Staff made a presentation to the Los Angeles Chapter of the U.S. Green Building Councils at Cal-Tech on water supply and drought conditions, California Water Fix/EcoRestore, and Metropolitan's conservation programs. (July 29)

Inform Southern Californians about the drought/water supply conditions and how they can help improve water supply reliability through conservation actions and support for water supply projects.

- Held press conference with Chairman Record and General Manager Kightlinger to unveil Metropolitan's summer 2015 water awareness multi-media campaign *Let's all Take a Turn*. The event was covered by KNBC-TV, KABC-TV, the LA Times and La Opinion. (July 1) ([see photo below](#))
- In July, television and radio spots from the Turn campaign promoting water conservation aired throughout Los Angeles, Riverside/San Bernardino, Oxnard/Ventura and San Diego counties. For the month, 255 television spots aired in English, 225 in Spanish, 84 in Chinese, 60 in Korean and 54 in Vietnamese. For radio, 300 spots aired in English during the month in addition to 225 in Spanish, 36 in Mandarin, 36 in Korean and 36 in Vietnamese. Prepared online file sharing site for staff and member agency public information officers to provide easy access to photographs and other materials including bill stuffer template and postcard template for realtor organizations with Turn campaign elements.
- Following the announcement that all of the available funding for the turf portion of Metropolitan's \$450 million conservation rebate program had been allocated, General Manager Kightlinger and staff responded to news media requests for interviews and information, including the Los Angeles Times, LANG Newspapers, KPCC, L.A. Weekly, CNN Money, San Diego Union-Tribune and Westways magazine. Throughout the month, staff arranged other interviews and media requests for information on drought conditions and impacts, including KABC radio, Orange County Register and podcast reporters.
- Submitted an opinion-editorial by Chairman Record to San Diego Business Journal on drought and water conservation programs for businesses.



Example of outdoor billboard featuring 2015 water conservation campaign.

EDUCATE THE PUBLIC AND STAKEHOLDERS ON CRITICAL WATER SUPPLY CONDITIONS AND CRITICAL WATER MANAGEMENT DECISIONS continued...

Inform Southern Californians continued...

- Arranged on-camera interview with General Manager Kightlinger and reporter for CBS-TV affiliate in Sacramento on drought challenges in Southern California.
- Shared conservation tips and resources with over 74,000 people on bewaterwise.com in July. Over 1,800 people are following @bewaterwiseh2o on Twitter and more than 9,000 users have liked Metropolitan's Facebook page.
- Arranged interview with Colorado River Resources Manager Hasencamp and Arizona Daily Star reporter for a story about California's river rights and impacts to Arizona if the drought continues.
- Provided information on the drought and Metropolitan's conservation programs to the Southern California Coin Operated Laundry Association. (July 29)
- Arranged on-camera Spanish-language interview with Luis Cetina and Univision TV in Los Angeles and San Diego to discuss seriousness of drought, water-saving tips and "Turn" advertising campaign.

Secure support for Delta conveyance improvements and habitat restoration projects to maintain State Water Project supplies, including any regulatory and/or legislative policies and funding needed to facilitate its implementation.

- Coordinated activities with California Natural Resources Agency on state's announcement to recirculate EIR/EIS for California WaterFix and California EcoRestore.
- Issued statement from General Manager Kightlinger in response to the public comment period for recirculated state and federal environmental documents to improve the Delta.
- Prepared materials to assist member agency provide comment letters in support of California WaterFix and California EcoRestore.

Communicate and cultivate support for Metropolitan's key initiatives related to Colorado River supplies.

- Arranged interview with Colorado River Resources Manager Hasencamp and Arizona Daily Star reporter for a story about California's river rights and impacts to Arizona if the drought continues.
- Arranged interview with San Diego Union-Tribune reporter and Hasencamp to discuss cooperation between the United States and Mexico on Colorado River water conservation measures.

LEGISLATIVE, COMMUNICATIONS AND COMMUNITY RELATIONS

- Develop near- and long-term solutions that enhance the Delta ecosystem, improve water supply reliability, and protect water quality.
- Participate in the State Water Resources Control Board (SWRCB) process considering petition for an additional point of diversion for new conveyance facility.
- Continue to work on efforts related to improving water supply reliability and protecting water quality.

Develop and implement local, state, and federal water policy and legislative strategies consistent with Board-adopted policies.

FEDERAL—Worked with House and Senate members of Congress and their staff on legislative proposals to address California's drought. Senator Dianne Feinstein (D-CA) and Senator Barbara Boxer (D-CA) jointly

EXTERNAL AFFAIRS

CORE

LEGISLATIVE, COMMUNICATIONS AND COMMUNITY RELATIONS continued...

Federal, state and local water policy and legislative strategies continued...

introduced S.1894, the California Emergency Drought Relief Act of 2015. Representative Jared Huffman (D-CA), introduced H.R. 2983, the Drought Recovery and Resilience Act of 2015, and Senator Barbara Boxer (D-CA) introduced a companion measure, S.1837, with the same title and very few differences. H.R.2983 has been assigned to the House Committee on Ways and Means, as well as several other Committees, and S.1837 has been assigned to the Senate Committee on Finance. Representative Valadao (R-CA) introduced H.R. 2898, the Western Water and American Food Security Act of 2015, which was passed by the House of Representatives and sent to the Senate.

Coordinated with member agencies to provide comments to Senator Boxer on proposed legislation to codify the terms of a water settlement agreement between the Pechanga Reservation, Metropolitan, Eastern Metropolitan Water District and the Rancho California Water District.

The Obama Administration published the final rule governing the definition of Waters of the United States under the Clean Water Act. In coordination with member agencies and other water interest stakeholders, provided comments on this rule which will be implemented as official policy of the United States beginning August 28, 2015.

STATE

AB 1164 (Gatto, D-Los Angeles): Supported by Metropolitan, this bill would prohibit local agencies from enacting or enforcing local ordinances or regulations that prohibit installation of synthetic turf on residential property. The measure would also continuously appropriate \$300 million from the General Fund to incentivize residents to replace water inefficient landscaping with drought-tolerant landscaping.

AB 1201 (Salas, D-Bakersfield): Supported by Metropolitan and a broad range of urban and agricultural water users, this bill would direct the Department of Fish and Wildlife to develop a science-based approach to help address predation by non-native species on Delta species listed as threatened or endangered under the California Endangered Species Act.

State Budget: On June 24, Governor Brown signed the FY2015/16 state budget for \$167.6 billion. The budget includes:

- \$1.8 billion of Proposition 1 funding for conservation funding and water projects
- 17 implementing trailer bills including SB 83 (drinking water fees), SB 84 (response capabilities for hazardous waste accidents), and SB 88 (new authorities to require water systems serving disadvantaged communities with unsafe or unreliable water to merge with or receive water from other public systems)

Following the legislative recess, the Governor and Legislature will seek agreement on how to spend nearly \$1 billion in cap-and-trade auction revenues on projects to reduce greenhouse gas emissions, which may include funding for water and energy efficiency projects.

EXTERNAL AFFAIRS

CORE

LEGISLATIVE, COMMUNICATIONS AND COMMUNITY RELATIONS **continued...**

Support Board member and executive management communications and working relationships with elected officials, other government leaders, business, agriculture, non-governmental organizations, community leaders and other stakeholders to improve awareness and understanding of water policy issues.

- Directors Touhey, Friedman and staff participated in the Independent Cities Association's annual conference, which included presentation of current water supply and management issues for 300 local elected officials and high level public agency officials. (July 9-12)
- Chairman Record and Directors Ackerman, Lefevre, Morris and Faessel and staff attended the Municipal Water District of Orange County's Water Policy Forum featuring Felicia Marcus, Chair of the State Water Resources Control Board. (July 29)

Provide public outreach to increase awareness of water issues and communicate Metropolitan's interests and Board-adopted policies.

- Set up interview with General Manager Kightlinger and Sacramento Bee reporter for a story about recirculation of environmental documents for California WaterFix.
- Provided information to Riverside Press-Enterprise reporter for story about House of Representatives approval of the H.R. 2898, the Western Water and American Food Security Act of 2015.
- Provided information to the Los Angeles Times database reporter interested in Metropolitan's Flavor Profile Analysis water quality program.
- Presented overview and drought response to the Water, Environment, Energy group in San Diego. (July 30)

Press Release

Issued press releases on:

- *Let's all Take a Turn* water conservation campaign launch
- In-language press releases to Spanish, Mandarin, Korean and Vietnamese news media outlets regarding Turn campaign television commercials
- Expenditure of Metropolitan's successful turf removal rebate program funds
- Recirculated environmental documents for a water reliability solution in the Sacramento-San Joaquin Delta.

Prepared and distributed Metropolitan's e-newsletter, "Your Water," to more than 14,000 subscribers.

Provide a suite of educational products and programs that promote conservation behaviors and critical thinking of the water issues facing Southern California.

General Education

The following activities directly reached approximately 100 students and teachers:

- Hire LA Youth Media Event with Mayor Garcetti
- Water Presentation to American International Education Foundation—Hugh O'Brian Youth Leadership Congress
- Assemblyman Chris Holden's Community Update on the Drought at Kidspace Museum in Pasadena.

EXTERNAL AFFAIRS

CORE

LEGISLATIVE, COMMUNICATIONS AND COMMUNITY RELATIONS continued...

Education continued...

Diamond Valley Lake Education Program

Planning school workshops and tours for the 2015/2016 academic school year using online applications. The Visitor Center hosted more than 460 visitors. The exterior benches used by students participating in Metropolitan's education programs were refurbished by Water System Operations.

Student Art Program

Water is Life Art Exhibit toured the Irvine Ranch Water District, Laguna Beach County Water District, Helix Water District and MWD Padre Dam. These events were captured in articles and on social media. (*see photo below*)



July 6 Tweet by MWD of SoCal @bewaterwiseh2o
Check out #waterart from a Lake Hills Elem student
@BeingWaterWise #waterislife <http://www.bewaterwise.com> pic.twitter.com/iOzZY7E3xm

STRATEGIC
PRIORITY

HUMAN RESOURCES

EMPLOYEE DEVELOPMENT

This strategic priority focuses on ensuring employees have the tools necessary to meet current job and future responsibilities to support Metropolitan's goals.

Foster learning and development to expand internal talent pool.

- Hosted a "Day 2" orientation for 47 employees focused on the benefits of early career financial planning. Additional "Day 2" orientations are being planned.
- Water System Operations Management Academy's Session 9 was held at the Orange County Water District Groundwater Replenishment site and included a tour of the facilities, presentation on drought management, a Team Manager panel, and a module on Managing Stress.
- Classes delivered this month included: *Success Signals-for Effective Communication*, two-hour modules on *MSOffice Suite (Excel, Access, WORD, and PowerPoint)*, and *Accelerating Teamwork*.

EMPLOYEE DEVELOPMENT continued...

Acquire talent.

- Hired 21 new employees, including a former student intern.
- Worked with Professional Contracting Services on developing a Request for Proposal for an Applicant Tracking System.

Foster management excellence.

- Organized the third Management Forum that provided all managers an opportunity to learn, network and interact with each other. Topics focused on preparing for the future workforce and the role of managers in effectively managing diversity and inclusion.
- Delivered a *Reasonable Suspicion* training class for Managers.
- Continued to provide coaching and team building support through internal staff and external consultants to nine managers and their teams.

HUMAN RESOURCES EXCELLENCE

Foster Human Resources Excellence with innovative and efficient processes that attract, hire and develop staff. Also, ensure Metropolitan is a high performance workplace with excellent leadership and management practices.

Provide excellent Human Resources' customer service.

- HR partnered with Water System Operations to complete interviews and recommendation for contracts for additional contingent skilled-labor agreements.
- A Request for Proposal for the Service Awards program was issued, which included company store services.

Enhance Human Resources' professionalism.

Continued Human Resources HR Fitness Lunch and Learn series, which included a guest speaker from Water System Operations discussing the drought and personal water usage.

Acquire talent.

- During the month of July, Employee Relations staff continued to play a lead role in Memorandum of Understanding salary negotiations with the employee bargaining units.
- Equal Employment Opportunity Investigations staff concluded two internal investigations of unlawful discrimination, which resulted in some findings of policy violations. Staff is working with management to remedy such violations.

HUMAN RESOURCES

CORE

HUMAN RESOURCES EXCELLENCE continued...

Manage total compensation benefits

Finalized contract with new Deferred Compensation administrator. Announcement was sent to all employees and implementation planning is proceeding, with site visits, additional communications and information sessions.

Manage Human Resources Information Systems.

Implemented cost-of-living increase for all represented employees, a new temporary employee sick leave plan, and MyPerformance evaluations and merit increases.

Manage risk.

- The Risk Management Unit completed 46 incident reports communicating instances of Metropolitan property damage, liability, workplace injuries, regulatory visits and spills.
- Risk Management completed 57 risk assessments on contracts, including professional service agreements, construction contracts, entry permits, special events and film permits.

Control leave and disability costs.

- Conducted initial investigations on 9 injury incidents.
- Submitted 4 new claims to Metropolitan's workers' compensation claim administrator.
- Settlements were negotiated in 2 claims and finalized in 1 claim, and 18 claim files were closed.
- Conducted MedVan evaluations at Diemer facility.
- Arranged 12 medical evaluations (DMV, medical surveillance, hearing conservation, etc.).
- Addressed 3 accommodation issues.



REAL PROPERTY DEVELOPMENT AND MANAGEMENT

CORE

REAL PROPERTY ACQUISITION, MANAGEMENT AND REVENUE ENHANCEMENT

Manage Metropolitan's real property assets with a focus on revenue enhancement while ensuring that Metropolitan's core operations are protected. Acquire real property for future operational business needs.

Seek revenue-generating opportunities for real estate assets in several market segments—telecommunications, solar development, film production, and sustainable technology and research.

- An existing lease was amended by changing the lessee to The Legends Gold Club, LLC, the current operator of the adjacent facility, and updating the terms and conditions to reflect current standard lease provisions. This long-term lease is across portions of San Diego Pipeline Nos. 4 and 5 in the city of Temecula.

REAL PROPERTY DEVELOPMENT AND MANAGEMENT

CORE

REAL PROPERTY ACQUISITION, MANAGEMENT AND REVENUE ENHANCEMENT continued...

Seek revenue-generating opportunities continued...

- A Letter of Consent was issued to the city of Corona's Fire Department allowing for swift water rescue training at Lake Mathews.
- An existing entry permit issued to Irvine Ranch Water District was amended to extend the term to allow continued temporary access and a construction staging area on a portion of Metropolitan's Allen-McColloch Pipeline right of way in conjunction with the construction of Irvine's raw water pump station.
- An entry permit previously issued to the County of Riverside was amended to extend the term and allow continued access to perform site inspections, environmental, biological, cultural, and land use surveys and studies near Lake Mathews for Riverside's proposed Cajalco Road widening improvement project.

Pursue development of the Diamond Valley Lake area, including the DVL Visitor Center and marina facilities, to support recreation, develop additional leasing and revenue opportunities for Metropolitan, and benefits the surrounding community.

- A one-day filming permit was issued to Team Halprin, Inc. to record still photograph scenes on Searl Parkway near the DVL Visitor Center.
- In FY2014/15, Metropolitan received \$23,207 on the percentage lease with Urban Park Concessionaires for the operation of the DVL Marina, Lakeview Trail, and North Hills Trail. Although private boat launches were suspended in May, Diamond Valley Lake had 1,075 visitors in July. Rental boats are available and the DVL trail system remains open to the public.
- Urban Park Concessionaires, Water System Operations and Engineering staff worked together to successfully relocate the DVL marina 800' wave attenuator, at risk of grounding due to declining elevations. This temporary relocation avoids damage to the attenuator and provides continued protection of the marina. ([see photo right](#))



Relocated wave attenuator

Foster staff training and development.

- Staff attended the International Right of Way Association sponsored course, *Principles of Real Estate Engineering*.
- Staff completed the Metropolitan-sponsored courses: *Contracting Overview*, *Acquisition Process*, *Contract Administration*, *Unlawful Workplace Harassment*, and *Understanding Sexual Harassment*.
- Staff attended the Southern California Chapter of the Appraisal Institute's summer conference. Topics at this conference included appraisal practices for airports, marinas, ground leases and possessory interests; cell towers, billboards and signs; movie production studios; water rights-legal and valuation issues; and mobile home park valuation.

WATER RESOURCE MANAGEMENT

DEVELOP WATER SUPPLIES AND MANAGE WATER RESERVES THROUGH WATER SUPPLY ALLOCATION PLAN APPLICATION

Staff will work closely with the Board to manage Metropolitan's water supply reserves in the face of unprecedented drought conditions in California and throughout the Southwest.

Water Supply Allocation Plan—On July 1, Metropolitan's Level 3 Supply Allocation took effect. Staff will provide monthly updates on Member Agency deliveries under the allocation.

LOCAL PROJECTS AND INTEGRATED RESOURCES PLAN UPDATES

In late 2014, Metropolitan adopted a new Local Resources Program (LRP) to encourage the development of additional supplies within the region. Staff intends to monitor progress under this new LRP through fiscal year 2015/16 to see if additional recommendations are necessary to meet the regions long-term supply needs. Metropolitan's Integrated Resources Plan was adopted in 2010 and will be updated in 2015 with new resource targets.

Integrated Resources Plan Update—Staff also provided the Committee with a status update from the Member Agency technical process for the month of July. Since the last Committee meeting, staff led four IRP technical workgroup meetings with member agencies. The technical workgroup meetings were focused on local supplies, water use efficiency, retail demands, and conservation.

WATER SUPPLY

Develop and execute water resource strategies that achieve the long-term reliability envisioned in the Integrated Resources Plan (IRP). Efforts include the negotiation and management of supply, storage, and water use efficiency programs, administration of imported supply contracts, development of new water resource policy recommendations in support of the IRP, collaborative planning with member agencies, and forecasting resource and facility needs.

Implement the Local Resources Program.

Infrastructure Funding Fair—Staff made a presentation on both the LRP and On-site Retrofit Pilot Program at the Infrastructure Funding Fair hosted by State Water Resources Control Board. The purpose of the conference was to inform local agencies, consultants, innovators, and contractors on various federal, state, and local funding programs for feasibility, planning, and construction of local projects. Metropolitan, the Gas Company, and Southern California Edison participated under local agency funding programs.

On-site Retrofit Pilot Program—Under the On-site Retrofit Pilot Program, Metropolitan has committed to provide about \$3.5 million for converting 3,610 acre-feet of potable water to recycled water at 89 sites including schools, parks, golf courses, cooling towers, and one ice rink. Staff made a presentation to Central Basin and its retail agencies on On-site Retrofit Pilot Program status and eligibility criteria.

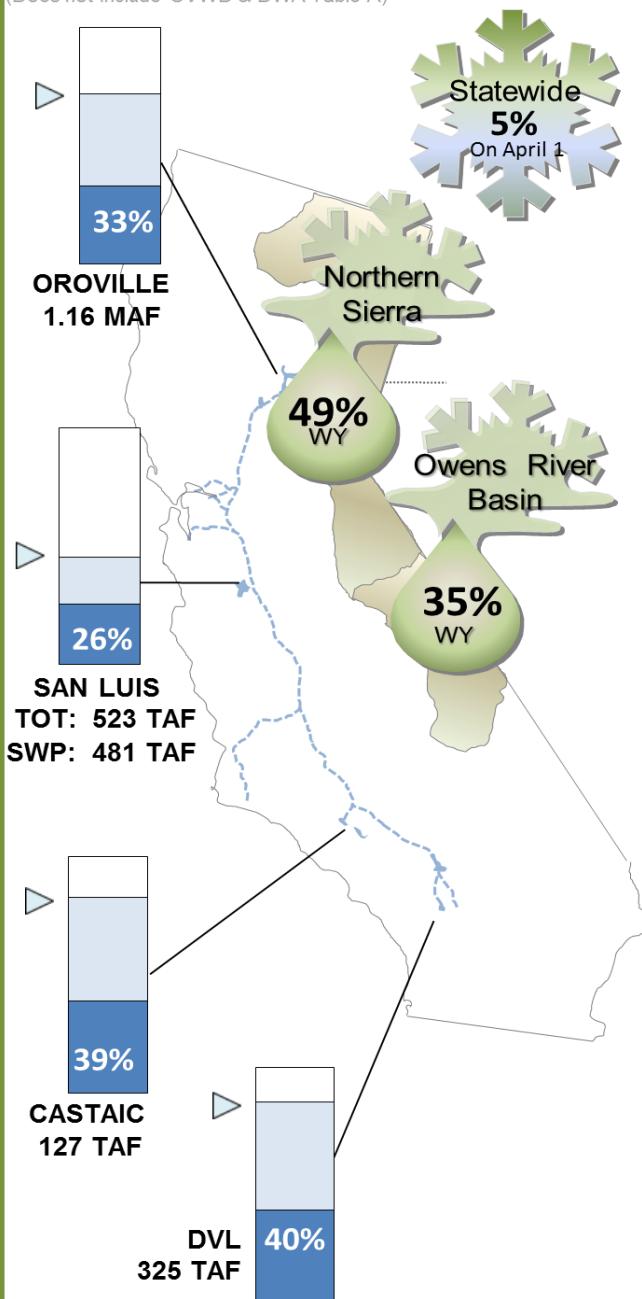
WATER SUPPLY CONDITIONS as of July 31, 2015

2015 SWP Allocation

382,300 AF

20% of Table A

(Does not include CVWD & DWA Table A)

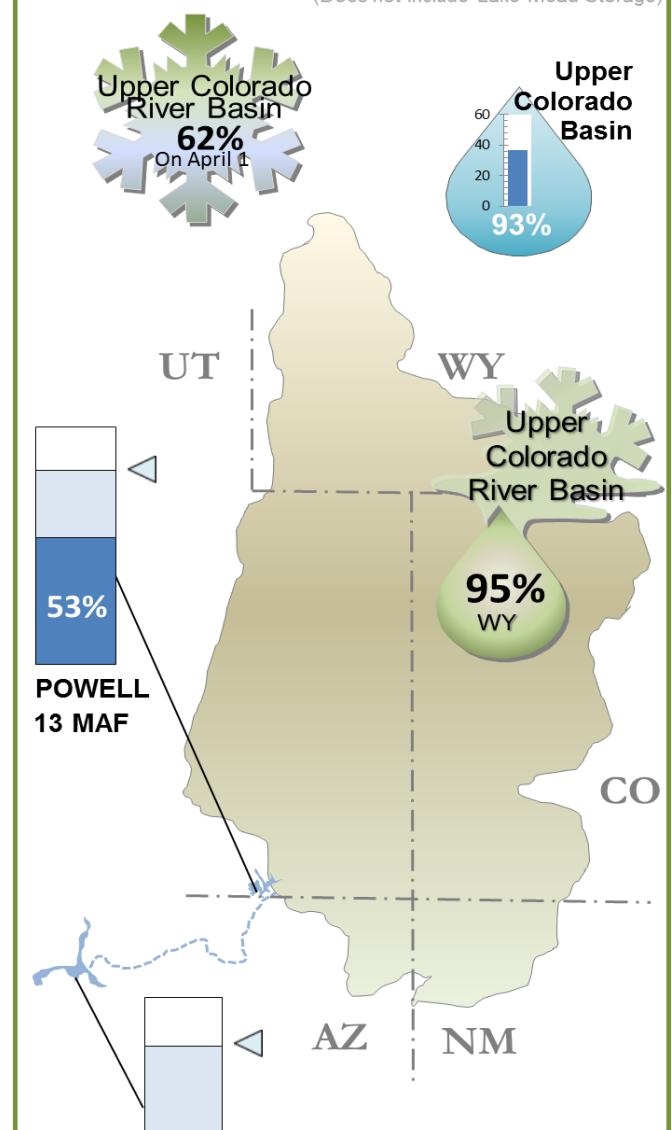


2015 Colorado River

925,000 AF

74% of full CRA

(Does not include Lake Mead Storage)



Capacity
Average EOM
Storage
Current Storage
(% Capacity)
%



Runoff Forecast
Water Year (WY) to
Date unless otherwise

WATER SYSTEM OPERATIONS

CORE

PROVIDE RELIABLE WATER SUPPLIES

System Operations delivered approximately 160,000 acre-feet of water to meet member agency demands in July, which averaged approximately 5,160 AF per day. This was a decrease of about 340 AF per day versus June deliveries. Treated water deliveries for July totaled 68,000 AF, or 43 percent of total deliveries for the month. In July, 106,500 AF of Colorado River water was pumped as the CRA remained on an eight-pump flow for the entire month. State Water Project imports averaged 1,350 AF per day, or 42,000 AF for the month. This was a decrease of 4,600 AF from June. System Operations continued implementing the strategy of minimizing the use of SWP water wherever possible. For the month of July, the use of SWP water accounted for 26 percent of Metropolitan's deliveries. This was a three percentage point decrease from June deliveries.

Storage at Diamond Valley Lake decreased by 5,800 AF to 325,000 AF or 40 percent full, and Inland Feeder deliveries remained at zero for the month. SWP blends to the Weymouth, Diemer, and Skinner plants remained at zero percent due to the low SWP allocation of 20 percent. The Greg Avenue pump station remained online for the month of July. At the end of the month, the pumps at Greg Avenue delivered 51,200 AF of Colorado River water to the western side of Metropolitan's distribution system since initiation on March 19, 2014.

System Operations continued to maximize power generation throughout the month. In July, Metropolitan's hydroelectric plants generated an average of 11.7 megawatts per hour for 8,700 megawatt-hours for the month.

CORE

OPTIMIZE MAINTENANCE

Staff continued the system-wide coatings program aimed at preventing corrosion and extending the life of pipelines and infrastructure. Projects completed this month included repairs to mortar lining on the discharge piping at Desert Water/Coachella Valley's Service Connection DWCV-1, recoating of valves on the West Orange County Feeder, and recoating of three large (9 by 11 ft.) spillway gates at Live Oak Reservoir. (*see photo right top—Live Oak Reservoir spillway slide gates after coating*)

Staff performed major maintenance at Rio Hondo Hydroelectric Plant that included maintenance of the electrical switchyard and mechanical equipment. Major maintenance is performed every six years and involves more extensive testing, inspection, and cleaning to ensure the facility continues to operate reliably. (*see photo right bottom—Staff inspection of an outboard guide and thrust bearing housing at Rio Hondo HEP*)



WATER SYSTEM OPERATIONS

CORE

OPTIMIZE MAINTENANCE continued...

Staff conducted annual testing of the Emergency Power System at the Weymouth plant. These tests verify the ability to switch from routine electrical service and transfer to emergency generators. The La Verne complex is fed from a 66 kilovolt service to improve electrical reliability and providing sufficient capacity to serve both the existing electrical loads and the plant's future ozonation facilities. Major components of the electrical service include overhead transmission lines from two sources, two 66 kV circuits, and an on-site substation. (*see photo right*)

Electrical staff verifying test plans for the Annual Emergency Power System exercise.



CORE

IMPROVE SECURITY AND EMERGENCY RESPONSE

On June 17-18, staff attended the annual Board and membership meeting for the California Utilities Emergency Association (CUEA). The meeting was held at the California Office of Emergency Services (Cal-OES) headquarters in Sacramento. Metropolitan is a founding member of CUEA and sits on its Board of Directors. This year's annual meeting focused on Cal-OES's new Strategic Plan, use of drones during emergencies, the status of the California drought, and upgrades to the State Operations Center. Representatives from numerous private and public utilities attended this meeting and shared information.

On July 7, staff assigned to Metropolitan's Water Quality Incident Command Center (ICC) participated in a three-hour functional emergency exercise based on a simulated flooding scenario. Staff practiced how to manage water quality issues during a heavy rain emergency. Water Quality ICC staff also tested WebEOC in this exercise. WebEOC is an internet-based emergency information management product used by most governments in the state to manage and share vital emergency information. Once fully operational, WebEOC will allow Metropolitan to quickly share information about emergency response actions and planning internally and externally. (*see photo right*)



Staff in the Water Quality Incident Command Center testing Metropolitan's WebEOC system for the first time during the July 7 functional emergency exercise.

WATER SYSTEM OPERATIONS

CORE

MANAGE THE POWER SYSTEM

During the month, staff continued meeting with various parties on new contracts to replace existing agreements that expire in 2017. The new contracts include the Hoover Electric Service with the Western Area Power Administration (WAPA) and Bureau of Reclamation, the Colorado River Aqueduct Service and Interchange with Southern California Edison, and the Mead Substation Transmission Line Interconnection with WAPA. Negotiations are expected to continue into 2016.

CORE

DEVELOP WORKFORCE

The Water System Operations Apprentice and Technical Training Programs help develop and train personnel to become qualified electricians and mechanics responsible for maintaining Metropolitan's water treatment and distribution systems. Classes for the next periods of related instruction resumed this month. The sixth period Class of 2016 mechanical apprentices received an introduction to basic machine shop practices. Sixth period electrical apprentices commenced study of programmable logic controllers used to automate industrial processes such as operation of valves and equipment throughout the treatment and distribution systems. The fourth period Class of 2017 mechanical apprentices focused on developing troubleshooting skills while fourth period electrical topics included fuses, circuit breakers and a review of the National Electric Code. The second period Class

of 2018 mechanical apprentices studied basic mechanics and electrical safety in the workplace. Second period electrical apprentices reviewed the sources and characteristics of electricity. ([see photo below](#))

Reliable operation and maintenance of the desert pumping plants requires skilled employees that are able to respond quickly and proficiently in the event of an equipment failure or power outage. Key desert staff attended annual training in a control room simulator. Alarms, flashing lights, relays, and switches all mimic equipment problems that staff must assess and respond to. Simulated problems ranged from minor equipment issues to complete facility blackouts caused by interruptions in the electrical power grid. ([see photo below](#))

Class of 2017 mechanical apprentices disassembling and diagnosing a chemical pump.



Staff assessing and responding to a programmed scenario regarding a Colorado River Aqueduct equipment failure.



WATER SYSTEM OPERATIONS

CORE

PROTECT SOURCE WATER QUALITY

On July 21-22, staff participated in workgroup meetings held in Lake Havasu City, Arizona for the Topock Chromium-6 Remediation Project. Stakeholders discussed the final design and subsequent Environmental Impact Report expected to be completed by the end of 2015 and summer 2016, respectively. Additionally, Metropolitan provided a presentation on California's current drought conditions and emphasized the importance of expeditiously implementing the groundwater remedy to continue protecting Colorado River water supplies.

CORE

OPTIMIZE WATER TREATMENT AND DISTRIBUTION

State Water Project target blends at the Weymouth, Diemer and Skinner plants remained at zero percent for June. Flow-weighted running annual averages for total dissolved solids from June 2014 through May 2015 were 623, 624, and 548 mg/L for Weymouth, Diemer and Skinner plants, respectively.

Reservoir management is an important element in preventing taste and odor issues in the distribution system. In response to an algae bloom at Lake Skinner, the reservoir was treated with copper sulfate. Staff used a motorized spreading device suspended from a helicopter to efficiently apply the correct dosage across the lake, stemming seasonal algae growth. ([see photo below](#))

A conveyor loads copper sulfate into a hopper suspended from a helicopter at Lake Skinner.



On July 1, the Diemer plant completed its final milestone of the Oxidation Retrofit Project whereby ozone commenced operation for regulatory compliance. Diemer is the fourth of Metropolitan's five treatment plants to commence operation with ozone for primary disinfection to meet the Disinfectants and Disinfection Byproducts Rule. The plant has been running the ozone system since construction completion, while start-up, testing, and equipment modifications were taking place. Completion of the final ozone installation at the Weymouth plant is expected in 2017. ([see photo below](#))

The ozone generator room at the Diemer plant.



WATER SYSTEM OPERATIONS

CORE

PREPARE FOR FUTURE LEGISLATION AND REGULATION

On June 25, the State Water Resources Control Board (SWRCB) released a draft Stormwater Strategic Initiative to improve management of regulatory and funding programs. The Initiative addresses stakeholder concerns and identifies ways to integrate watershed management, source control, and regulatory efficiencies. Staff reviewed the draft Initiative and worked through the appropriate associations to provide comments by the July 24 deadline. Association of California Water Agencies, the California Council for Environmental and Economic Balance, and the Southern California Water Committee provided written input to SWRCB on the draft Initiative, and Metropolitan staff reviewed these comment letters. SWRCB is holding a workshop on August 19 to present the Initiative, and receive oral public comments. Metropolitan staff will continue to work through the applicable associations.

CORE

SUPPORT EDUCATION AND OUTREACH INITIATIVES

Staff conducted five plant tours during the month of July at the Diemer, Skinner, and Weymouth plants. Tour participants, including Board and Member Agencies members, local government officials, and non-profit organization members, learned about water treatment processes, source water protection, and drought response initiatives.

Storage	As of 7/31/15	% of Capacity
DVL	325,136 AF	40
Lake Mathews	113,220 AF	62
Lake Skinner	30,488 AF	69

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.

MAF=million acre-feet.

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.

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MANAGEMENT FORUM July 16, 2015

