

WORKSHOP MEETING OF THE
BOARD OF DIRECTORS WITH MET DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Fountain Valley, California
April 1, 2020, 8:30 a.m.

Due to the spread of COVID-19 and as authorized by the Governor's Executive Order, MWDOC will be holding all upcoming Board and Committee meetings by Zoom Webinar and will be available by either computer or telephone audio as follows:

Computer Audio: You can join the Zoom meeting by clicking on the following link:
<https://zoom.us/j/8828665300>

Telephone Audio: (669) 900 9128 fees may apply
(877) 853 5247 Toll-free
Webinar ID: 882 866 5300#

AGENDA

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC PARTICIPATION/COMMENTS

At this time members of the public will be given an opportunity to address the Board concerning items within the subject matter jurisdiction of the Board. Members of the public may also address the Board about a particular Agenda item at the time it is considered by the Board and before action is taken.

The Board requests, but does not require, that members of the public who want to address the Board complete a voluntary "Request to be Heard" form available from the Board Secretary prior to the meeting.

ITEMS RECEIVED TOO LATE TO BE AGENDIZED

Determine need and take action to agendize item(s), which arose subsequent to the posting of the Agenda. (ROLL CALL VOTE: Adoption of this recommendation requires a two-thirds vote of the Board members present or, if less than two-thirds of the Board members are present, a unanimous vote.)

ITEMS DISTRIBUTED TO THE BOARD LESS THAN 72 HOURS PRIOR TO MEETING

Pursuant to Government Code Section 54957.5, non-exempt public records that relate to open session agenda items and are distributed to a majority of the Board less than seventy-two (72) hours prior to the meeting will be available for public inspection in the lobby of the District's business office located at 18700 Ward Street, Fountain Valley, California 92708, during regular business hours. When practical, these public records will also be made available on the District's Internet Web site, accessible at <http://www.mwdoc.com>.

(NEXT RESOLUTION NO. 2094

PRESENTATION/DISCUSSION ITEMS

1. INPUT OR QUESTIONS ON MET ISSUES FROM THE MEMBER AGENCIES/MET DIRECTOR REPORTS REGARDING MET COMMITTEE PARTICIPATION

Recommendation: Receive input and discuss the information.

2. METROPOLITAN'S 2020 INTEGRATED RESOURCES PLAN (IRP) DISCUSSION SERIES PART 4 - PROCESS AND POLICY ISSUES

Recommendation: Review and discuss the information presented.

INFORMATION ITEMS

3. WATER SUPPLY CONDITIONS UPDATE

Recommendation: Receive and file the information presented.

4. DELTA CONVEYANCE PROJECT ACTIVITIES UPDATE

Recommendation: Receive and file the information presented.

5. MET ITEMS CRITICAL TO ORANGE COUNTY (The following items are for informational purposes only – a write up on each item is included in the packet. Discussion is not necessary unless requested by a Director)

- a. MET's Water Supply Conditions
- b. MET's Finance and Rate Issues
- c. Colorado River Issues
- d. Bay Delta/State Water Project Issues
- e. MET's Ocean Desalination Policy and Potential Participation in the Doheny and Huntington Beach Ocean (Poseidon) Desalination Projects
- f. South County Projects

Recommendation: Review and discuss the information presented.

6. METROPOLITAN (MET) BOARD AND COMMITTEE AGENDA DISCUSSION ITEMS

- a. Summaries regarding March MET Board Meetings
- b. Review items of significance for MET Board and Committee Agendas

Recommendation: Review and discuss the information presented.

ADJOURNMENT

Note: Accommodations for the Disabled. Any person may make a request for a disability-related modification or accommodation needed for that person to be able to participate in the public meeting by telephoning Maribeth Goldsby, District Secretary, at (714) 963-3058, or writing to Municipal Water District of Orange County at P.O. Box 20895, Fountain Valley, CA 92728. Requests must specify the nature of the disability and the type of accommodation requested. A telephone number or other contact information should be included so that District staff may discuss appropriate arrangements. Persons requesting a disability-related accommodations should make the request with adequate time before the meeting for the District to provide the requested accommodations.



DISCUSSION ITEM

April 1, 2020

TO: Board of Directors

FROM: Robert Hunter, General Manager

Staff Contact: Harvey De La Torre
Melissa Baum-Haley

**SUBJECT: METROPOLITAN'S 2020 INTEGRATED RESOURCES PLAN (IRP)
DISCUSSION SERIES PART 4 - PROCESS AND POLICY ISSUES**

STAFF RECOMMENDATION

Staff recommends the Board of Directors receive and file the information.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

Metropolitan's Integrated Water Resources Plan (IRP) establishes a long-term, comprehensive water resources strategy to provide the region with a reliable and affordable water supply. As a living document, the IRP is updated every five years and will be revisited in 2020. On February 25, Metropolitan commenced the 2020 IRP update process with an Integrated Resources Plan Special Committee, chaired by Director Pressman of the City of Beverly Hills. **However, as a result of COVID-19, the IRP Committee meetings for the months of March and April have been canceled.**

The 2020 IRP will embed policy development within the process by utilizing simple broad assumptions to initiate the policy discussions upfront, while technical analysis is updated in the background. The main objectives of the 2020 IRP update will include: an assessment of uncertainties; accessible and explicit technical analysis of demands projections and climate change impacts; the expansion of the adaptive planning approach, such as scenario planning; and a public outreach component.

Budgeted (Y/N): N/A	Budgeted amount: None	Core <u>X</u>	Choice <u> </u>
Action item amount: N/A		Line item:	
Fiscal Impact (explain if unbudgeted):			

The 2020 IRP is an interrelated planning effort that will occur in sequence with the Urban Water Management Plan (UWMP) process, Metropolitan's System Flexibility Study and Rate Structure Refinement discussions. The proposed schedule for the 2020 IRP has been set to be complete timely for the development and submission of MET's and its member agency's UWMPs, with a goal of seeking Board adoption by January 2021.

As highlighted during the February IRP Committee meeting, the Metropolitan Board will begin the policy discussion focusing on these key areas:

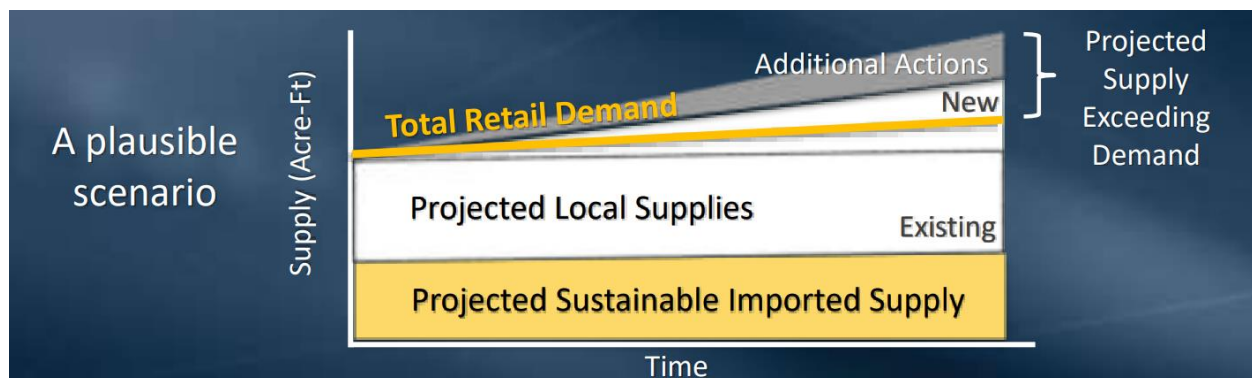
- Demand projections
- Local Supply projects
- Definition of reliability and resiliency
- Metropolitan's role and rate structure

These key policy area stem from current conditions we are seeing today, among them are lower than anticipated demands, record high storage, supply uncertainties (e.g. Delta Conveyance, Climate Change, etc.), and local project development. Which draws two potential alternative futures that the Metropolitan Board needs to address in the 2020 IRP. The first has been the basis of most prior IRP's, where the total retail demand is expected to exceeds projected supplies resulting in a need for additional regional supply. This is nothing new to MET's planning approach and is structured to manage such conditions.



Graphic intended for illustrative purposes only

The second plausible scenario, which recent data is trending towards, is where projected supplies exceeds total retail demand. This scenario is fairly new to MET and requires a more in depth look at its current policies and long term planning approach.



Graphic intended for illustrative purposes only

In most cases, the policy discussions for the above areas would vary depending on what type of alternative future is considered. Below is a brief description of each key policy area we anticipate will be discussed by the MET IRP Committee as well as staff recommendations.

Demand Projections

Demand projections for each successive IRP have reflected current trends in demographics and economic conditions as well as water use efficiency gains. Overall, the demand forecast has been trending down; however, how long will this trend continue is unclear. Technology continues to improve water efficiency efforts and ratepayer's water awareness has increased. While concurrently, population growth continues to push demands upward albeit slower than in the past.

Metropolitan has stated that expert panels will be utilized to perform the technical analysis on how to best project demands. Factors that must be considered as part of the demand analysis should include the impacts of warming weather, shifts in urban development planning, future economic conditions, and the impacts of sub-populations.

MWDOC staff recommends MET should consider three population growth scenarios: (1) a high scenario using the growth trend by demographic group, (2) a medium scenario using the current existing growth trend, (3) a low scenario suggesting a lower growth trend.

Metropolitan staff has also suggests that MET should weigh the benefits in assisting the region to comply with water conservation legislation. Taking this into consideration the recommendation would be to evaluate: (1) a high scenario where the 1990 demands are a proxy for the 2040 demands; (2) a medium scenario where the conservation standards are implemented at an moderate level with 55 gallons per capita day and efficient outdoor use; and (3) a low scenario where the conservation standards are implemented at a more aggressive level with 52 gallons per capita day and reduced outdoor use.

Local Supply Projects

A key part of the Board process at Metropolitan has been the open and transparent deliberations to identify what kind of policies and investments are appropriate to provide for a broad range of regional benefits through Metropolitan, versus those actions that are better funded and carried out locally.

The goal with incentivizing local supply projects, through regional dollars i.e. MET's LRP, is to increase overall local supply production which in turns decrease the dependence on MET water and curbs growth. Unfortunately, the data is showing that the increases in new local supplies, such as recycling and groundwater recovery projects, have been offset by losses in traditional supplies from the Los Angeles Aqueduct (environmental regulations) and groundwater (a drop in replenishment and native yield, among other factors). Meaning total local supply production has stayed stagnant. In fact, MET's LRP program has helped to shore up local production that would have otherwise declined. Guided by the IRP, MET's incentive programs help set the pace and scale of new production, consistent with preventing over-reliance on the delivery of imported supplies. Thus, MET staff has suggested the Board should consider the following:

- How aggressive should Metropolitan be in developing more local resources?
- At what levels should Metropolitan incentivize local resources?
- Who is responsible for developing supplies should local supply production not develop as planned?
- How to account for member agency's local supply plans?

MWDOC staff recommendation is to evaluate the local projects through a spectrum of performance for local projects that are in different stages of development. Where a higher percentage of expected production is used for projects with all environmental permitting complete and a lower percentage for projects that are awaiting permits, in development, and conceptual. This can be implemented as two scenarios: (1) a high scenario implementing the spectrum of performance approach and (2) a low scenario without "new" local supplies.

Definition of Reliability and Resiliency

Metropolitan's regional approach to planning and governance ensures access to reliable, high-quality water for all its member agencies. This regional approach to planning considers that the high demand from one member agency could be offset by a lower demand from another.

Reliability and resiliency have been defined in different ways. For sake of our discussion, **reliability** can be defined as the sustained availability of supplies. While, **resiliency** is the ability to manage dramatic changes to the system when faced with unforeseen situations.

It is the regional benefits that have advanced supply and delivery **reliability** for Southern California through the foundation of Metropolitan's integrated conveyance system (the Colorado River Aqueduct and the State Water Project) and distribution system within Metropolitan's service area. Once an acceptable level of reliability is established, should we then also incorporate the service area's response during a drought, such as the voluntary water use reduction of 10% or as early stages of allocations?

This also affords **resilience** in the face of catastrophic risks to individual members for events that are not highly correlated (e.g., localized groundwater contamination, floods, droughts, or earthquakes).

However, what sort of reliability and resiliency should be targeted? Metropolitan has served its member agencies well as a supplemental supplier with fluctuating sales. The financial approach has been effective as Metropolitan has been primarily concerned about "rolling onto" importing supplies and has focused on reducing demands on the system. That same financial structure may not be as effective in the future if water transactions decline over a long period of time and more member agencies rely on Metropolitan primarily as an insurer, particularly in the event of an emergency. Those member agencies would expect Metropolitan's water supplies and infrastructure to be ready and available upon request, despite paying less into the revenue structure.

The Metropolitan system is very resilient to shift between CRA and SWP sources and for agencies rolling onto and off as needed in the face of unforeseen events. This leaves us with the need to discuss how to ensure the rate structure responds appropriately?

Metropolitan's Role and Rate Structure Review

In light of these two future alternatives, Metropolitan's role will be a key discussion area. Nonetheless, Metropolitan will remain the main supplier for some and the supplemental supplier for others. Metropolitan's role as defined by the Laguna declaration, continues to hold true, whereby Metropolitan provides to its service area adequate supplies of water to meet expanding and increasing needs in the years ahead.

While Metropolitan's role may not change, the level of activity in the areas of demand management, local supply development, and reliability/resilience will vary and must adapt. The IRP is the adaptive management planning document to help the Board assess what level of activity should be implemented in the near-term. If there is sufficient supply, should Metropolitan be as active in incentivizing local projects? If there is not sufficient supply, should Metropolitan encourage enhanced demand management activities?

The level of activity will in turn raise the question of Metropolitan's financial structure. Since Metropolitan's role for most member agencies has been as a baseline water provider, the volumetric revenue base has been consistent with that role.

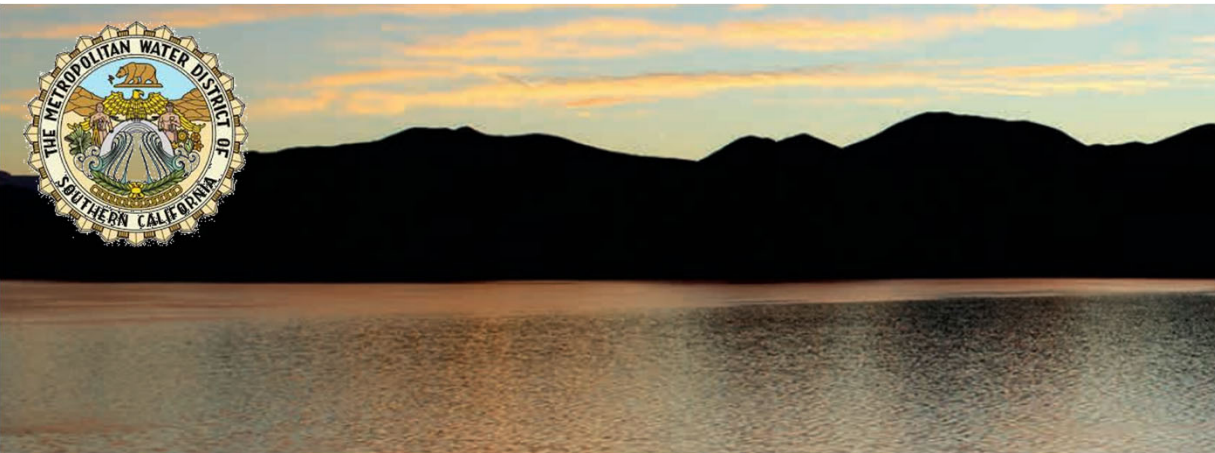
However, this financial structure may not be consistent with an alternate future role of Metropolitan where Metropolitan's primary function is to serve more as a "backstop" insurance provider to most of its member agencies. Should Metropolitan plan for being a regional insurance provider and how should that be paid for?

These important questions should be addressed in the subsequent Rate Structure Refinement study.

Next Steps

In the coming discussions, MWDOC staff will layout the scenario building process, demand projections, supply projections (both imported and local), and the reliability gap analysis associated with the 2020 IRP.

**ATTACHMENT: PRESENTATION ON METROPOLITAN'S 2020 INTEGRATED
RESOURCES PLAN (IRP) DISCUSSION SERIES PART 4 - PROCESS
AND POLICY ISSUES**



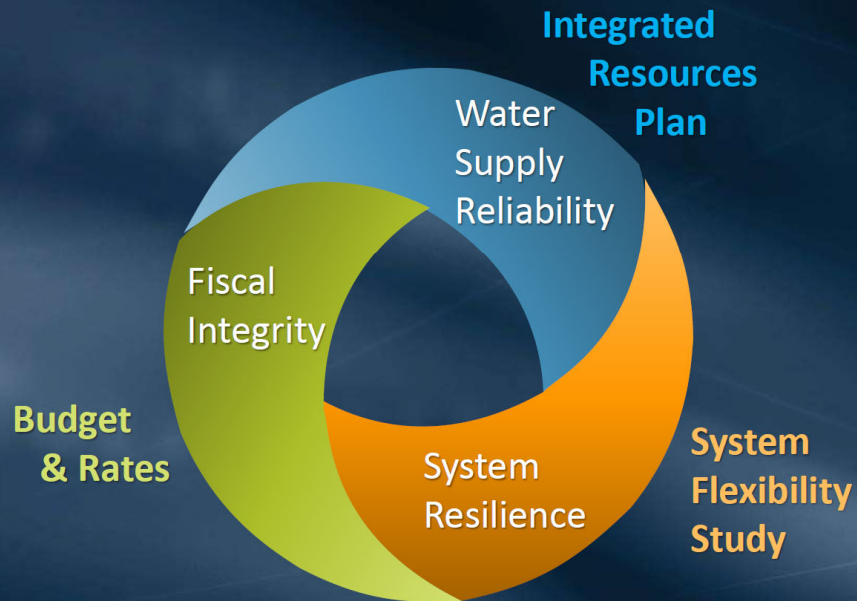
Metropolitan's Integrated Resources Plan Discussion Series – Part 4 Process & Policy Issues

April 1, 2020

A full planning cycle is complete
Therefore, this is a new IRP and not an update

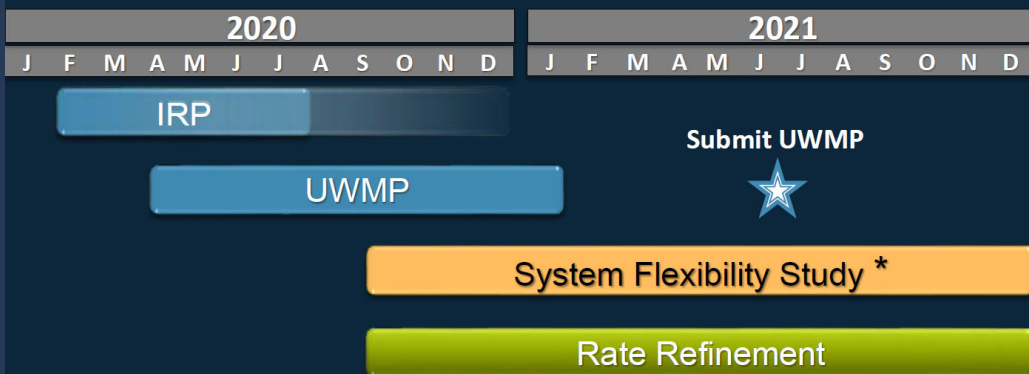


Planning Efforts are Interrelated



Schedule Overview

General sequence of activities



* Process will depend on active member and local agency engagement

Schedule Overview

As a result of COVID-19,
the IRP Committee meetings for the months of
March and April have been canceled.

Agenda for Today's Policy Discussion

- 💧 Demand Projections
- 💧 Local Supply Projects
- 💧 Definition of Reliability/Resilience
- 💧 Metropolitan's Role & Rate Structure



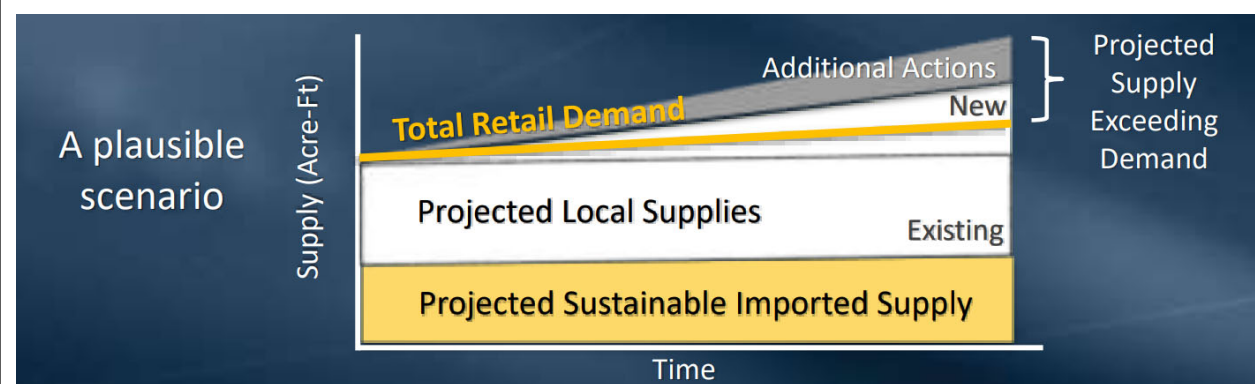
Future Alternative - 1



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Future Alternative - 2

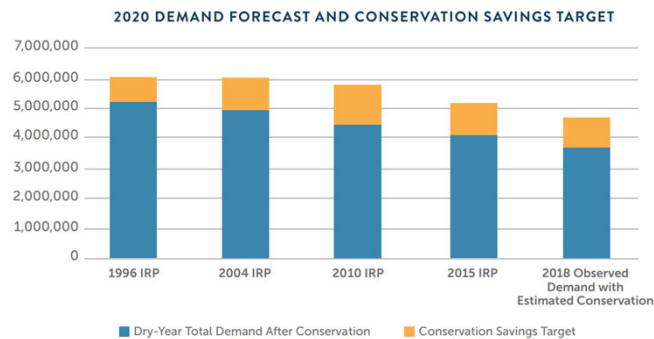


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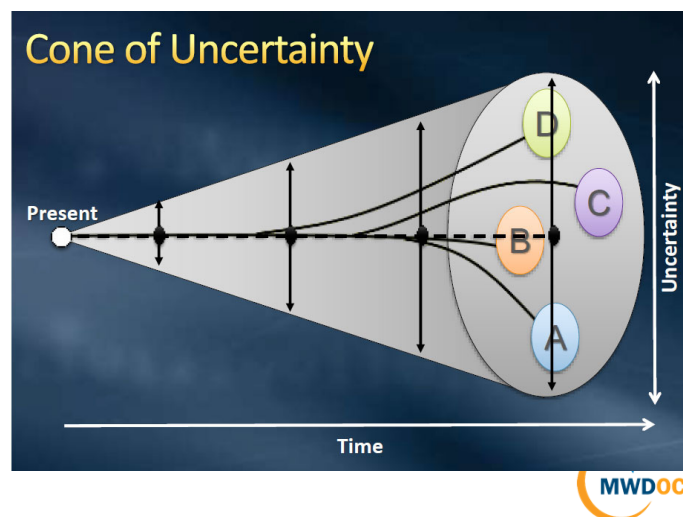
Policy Discussion – Demand Projections

- Previous IRP demands have been consistently higher than actuals



Technical Analysis & Scenario Planning

- Scenario Planning Approach
- Expert Technical Panels to evaluate:
 - Projecting demands
 - Climate change



MWDOC Staff Recommendations – Demand Projections

- 💧 Need for a comprehensive approach in evaluating demand projections
 - 💧 Population growth scenarios
 - 💧 Water use efficient implementation scenarios
 - 💧 Others?



Policy Discussion – Local Supply Projects

- 💧 How aggressive should Metropolitan be in developing more local resources?
- 💧 At what levels should Metropolitan incentivize local resources?
- 💧 Who is responsible for developing supplies should local supply production not develop as planned?
- 💧 How to account for member agency's local supply plans?



MWDOC Staff Recommendations – Local Supply Projects

- 💧 Evaluate the local projects through a spectrum of performance for local projects that are in different stages of development
 - 🔥 A scenario implementing the spectrum of performance approach
 - 🔥 A low scenario without “new” local supplies



Policy Discussion – Reliability & Resiliency

- 💧 Definition of Resilience and Reliability?
- 💧 What level of water supply reliability and system resiliency should Metropolitan target for the region?



MWDOC Staff Recommendations – Reliability

- 💧 **Reliability** - Sustained availability of supplies
- 💧 Once an acceptable level of reliability is established, incorporate response during a drought
 - 🔥 Voluntary water use reduction
 - 🔥 Early stages of allocations



MWDOC Staff Recommendations – Resiliency

- 💧 **Resiliency** - Ability to manage dramatic changes to the system when faced with unforeseen situations
 - 🔥 The system is very resilient
 - 🌱 Shifts between CRA and SWP sources
 - 🌱 Agencies rolling onto and off as needed in the face of unforeseen events.
 - 🔥 The rate structure should respond appropriately



Policy Discussion - MET's Role



- Should Metropolitan assume a new role in light of these future alternatives?



MWDOC Staff Recommendations – MET's Role

- Metropolitan's role should be maintained
 - MET's Mission Statement
 - Laguna Declaration
- The level of activity must adapt** in the areas of demand management, local supply development, and reliability/resilience



Next Steps

💧 In the Coming presentations MWDOC staff will provide complementary discussions on:

- 💧 Scenario Process
- 💧 Demand Projections
- 💧 Supply Projections (both imported and local)
- 💧 Reliability Gap Analysis





INFORMATION ITEM

April 1, 2020

TO: Board of Directors

FROM: Robert Hunter, General Manager

Staff Contact: Kevin Hostert

SUBJECT: WATER SUPPLY CONDITIONS UPDATE

STAFF RECOMMENDATION

Staff recommends the Board of Directors to review and discuss this information.

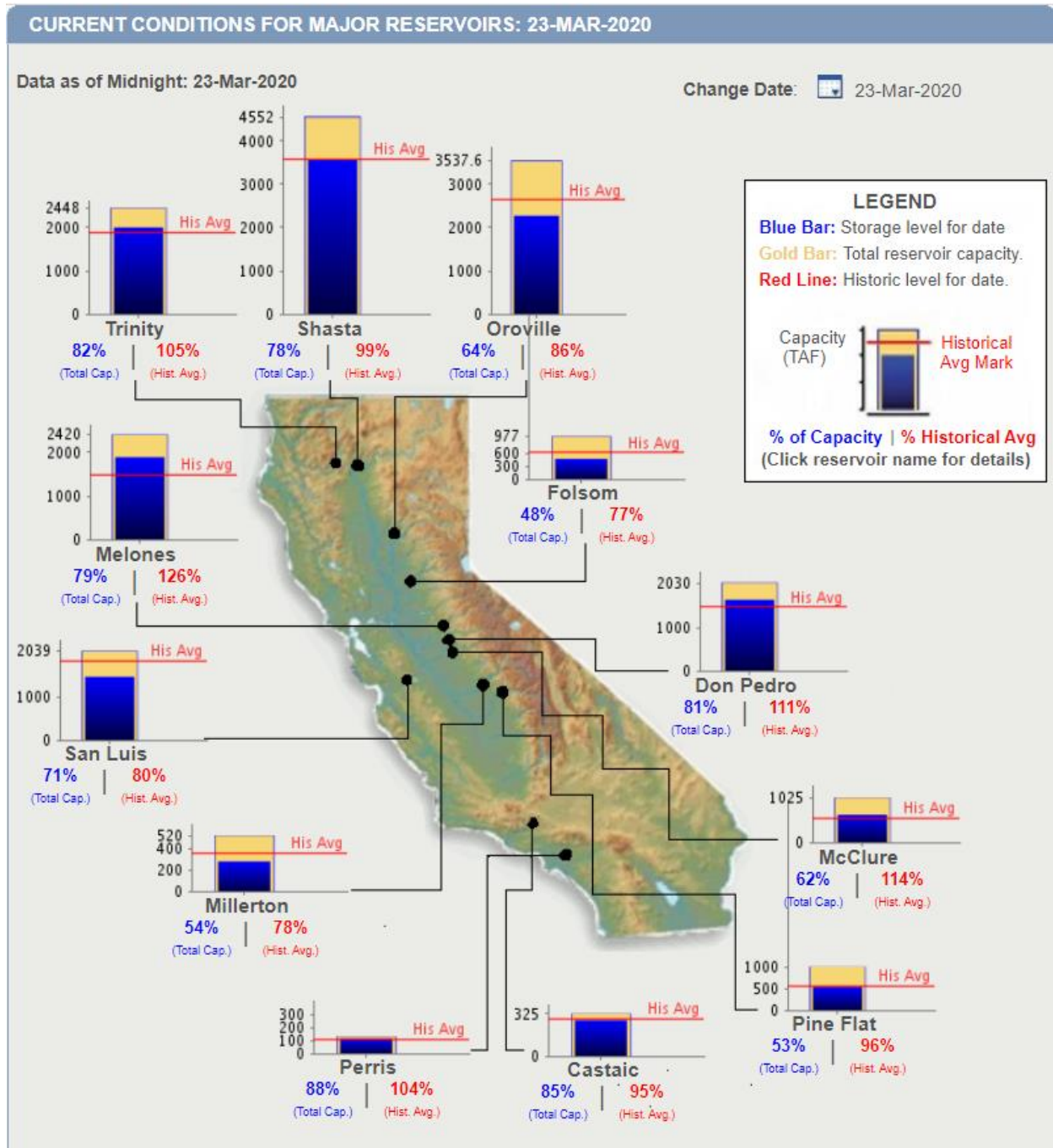
SUMMARY REPORT

The 2019-20 Water Year (2019-20 WY) officially started on October 1, 2019. Thus far, the Northern California accumulated precipitation (8-Station Index) is reporting **22.99 inches or 57% of normal** as of March 23rd. For 2019-20 WY, the Northern Sierra Snow Water Equivalent is reporting **14.9 inches on March 23rd**, which is **52% of normal** for that day. Due to the below average precipitation/snowfall, the Department of Water Resources (DWR) has maintained the State Water Project (SWP) **“Table A” allocation at 15%**. This allocation provides Metropolitan with approximately **286,725 AF in SWP deliveries this water year**. DWR's approval considered several factors including existing storage in SWP, conservation reservoirs, SWP operational regulatory constraints, and the 2020 contractor demands.

The Upper Colorado River Basin accumulated precipitation is reporting **15.5 inches or 91% of normal** as of March 23rd. On the Colorado River system, snowpack is measured across four states in the Upper Colorado River Basin. The Upper Colorado River Basin Snow Water Equivalent was reporting **15.9 inches as of March 18th**, which is **108% of normal** for that day. Due to the above average precipitation/snowfall in 2018-19 WY, and due to average conditions in WY 2019-20, there is now a 0% chance of a shortage at Lake Mead in 2021 and an 11% chance of shortage in 2022.

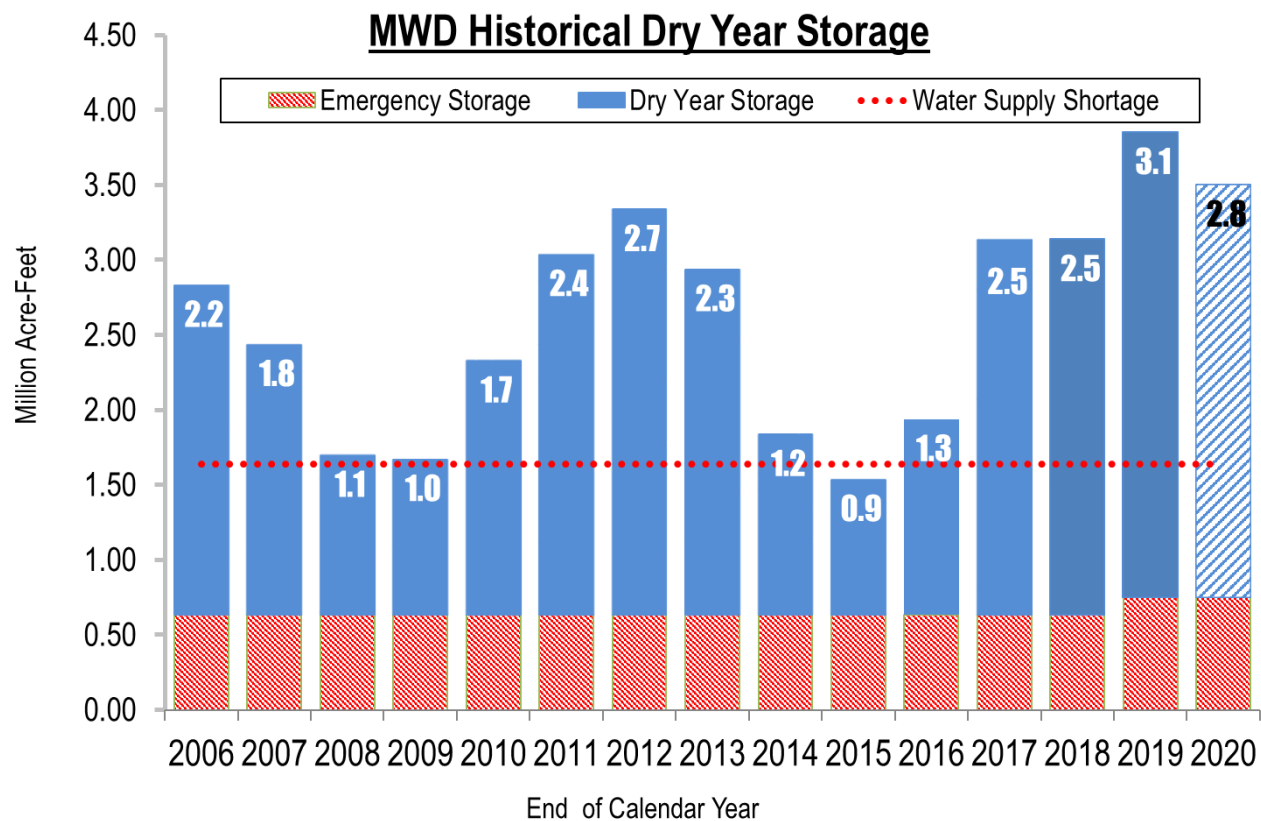
Budgeted (Y/N): N/A	Budgeted amount: N/A	Core _X_	Choice __
Action item amount: N/A	Line item:		
Fiscal Impact (explain if unbudgeted):			

As of March 23rd Lake Oroville storage is at **64% of total capacity and 86% of normal**. As of March 23rd San Luis Reservoir has a current volume of **71% of the reservoir's total capacity and is 80% of normal**.



With estimated total demands and losses of 1.65 million acre-feet (MAF) and with a 15% SWP Table A Allocation, Metropolitan is projecting that demands will exceed supply levels in Calendar Year (CY) 2020. Based on this, estimated total dry-year storage for Metropolitan at the end of **CY 2020 will go down to approximately 2.8 MAF**.

A projected dry-year storage supply of **2.8 MAF** will be the **second highest amount for Metropolitan**. A large factor in the increase in water storage is because **water demands regionally have been at approximately 36-year lows**.



2019-20 CYCLIC IN-LIEU OPERATIONS

In regards to the 2019-20 Cyclic In-Lieu operations (a.k.a. MET Cyclic Cost Offset Program), as of December 2019 approximately **9,354.7 AF of imported water has been delivered into the OC Basin Cyclic Account via In-Lieu**.

Unfortunately, due to dry hydrology and a State Water Project allocation of 15 percent, Metropolitan has suspended all cyclic deliveries as of December 31, 2019, including Cyclic In-Lieu deliveries. Metropolitan will also begin reducing State Water Project deliveries to preserve flexibility in case the allocation remains low. Metropolitan will regularly revisit operational plans throughout early 2020, as the final SWP allocation for the calendar year will be unknown until the May/June timeframe.

Attachment: Water Supply Conditions Presentation



Water Supply Conditions

Kevin Hostert, Water Resources Analyst
Municipal Water District of Orange County

April 1st 2020



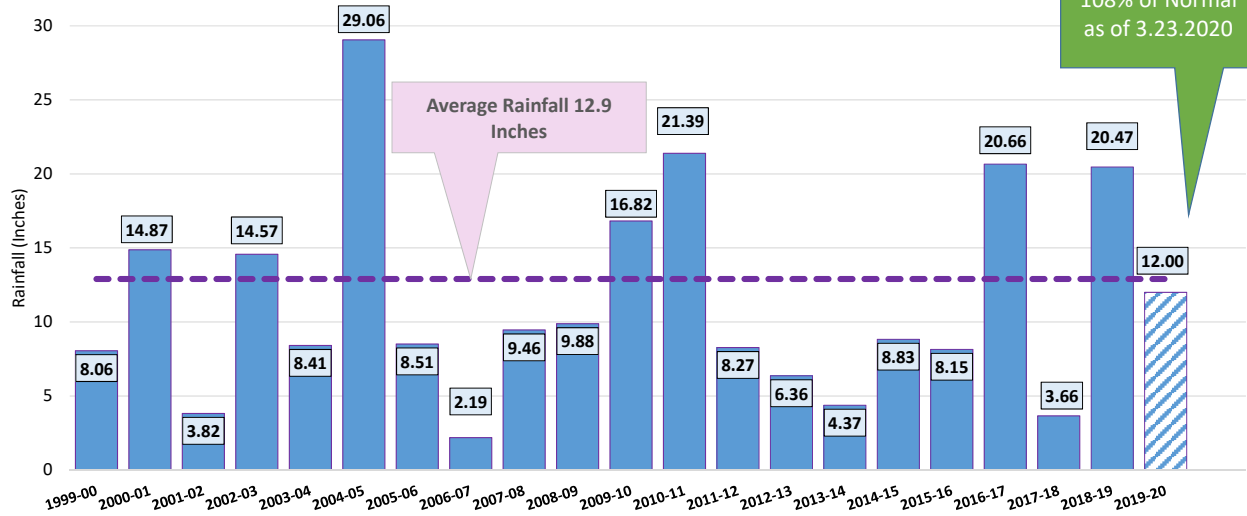
Orange County Weather and Water Supply Conditions

Insight to local weather conditions that affect Orange County's water supply and water demand

Santa Ana Precipitation (Station #121)

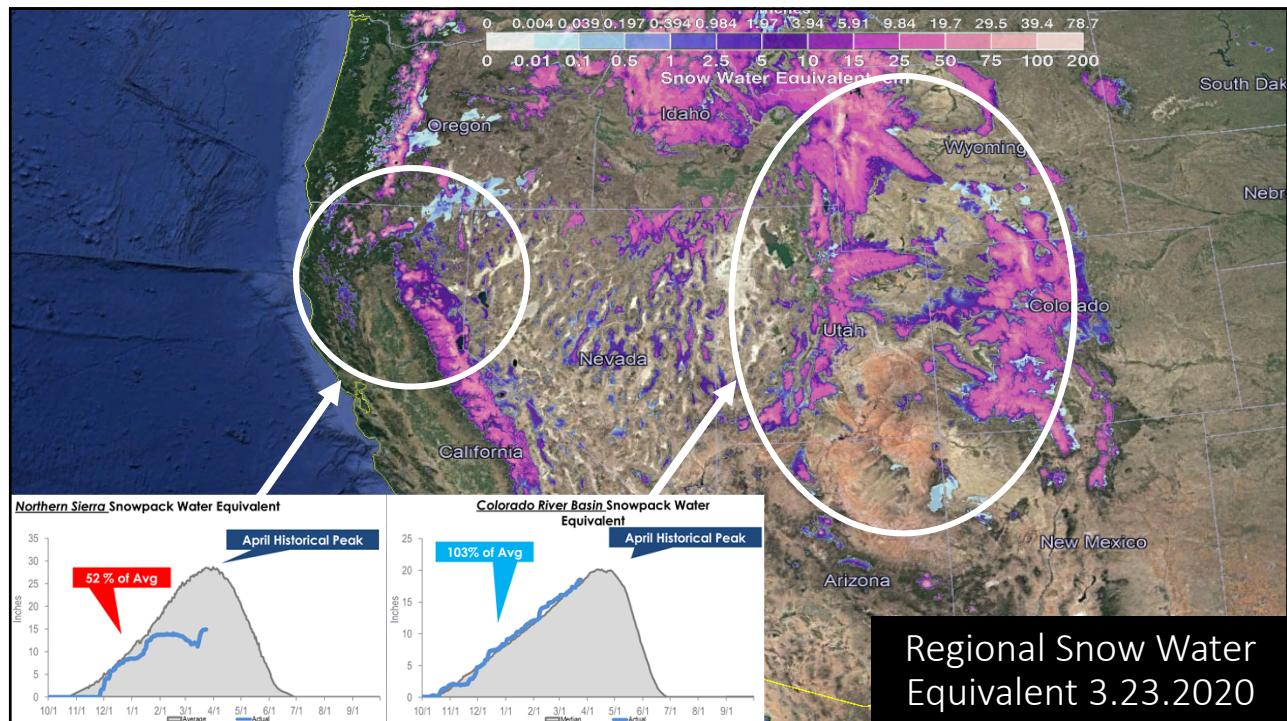
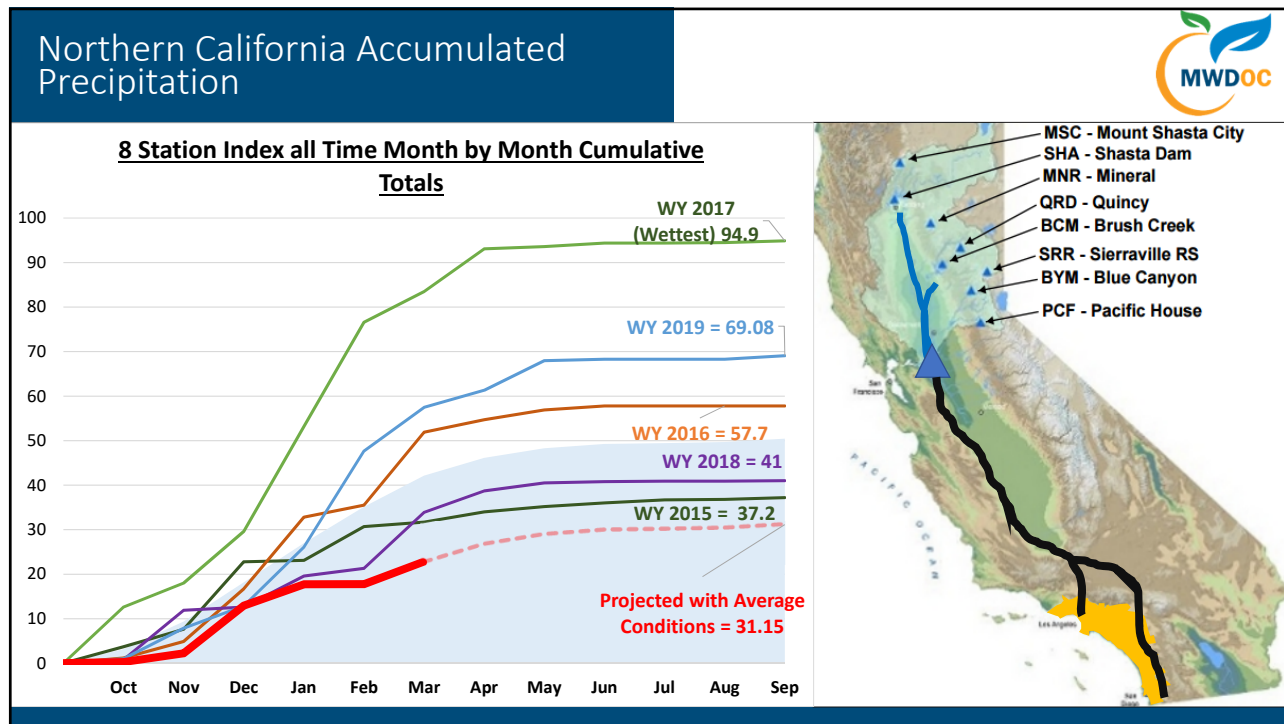


Santa Ana Annual Precipitation Statistics (Fiscal Year July-June)

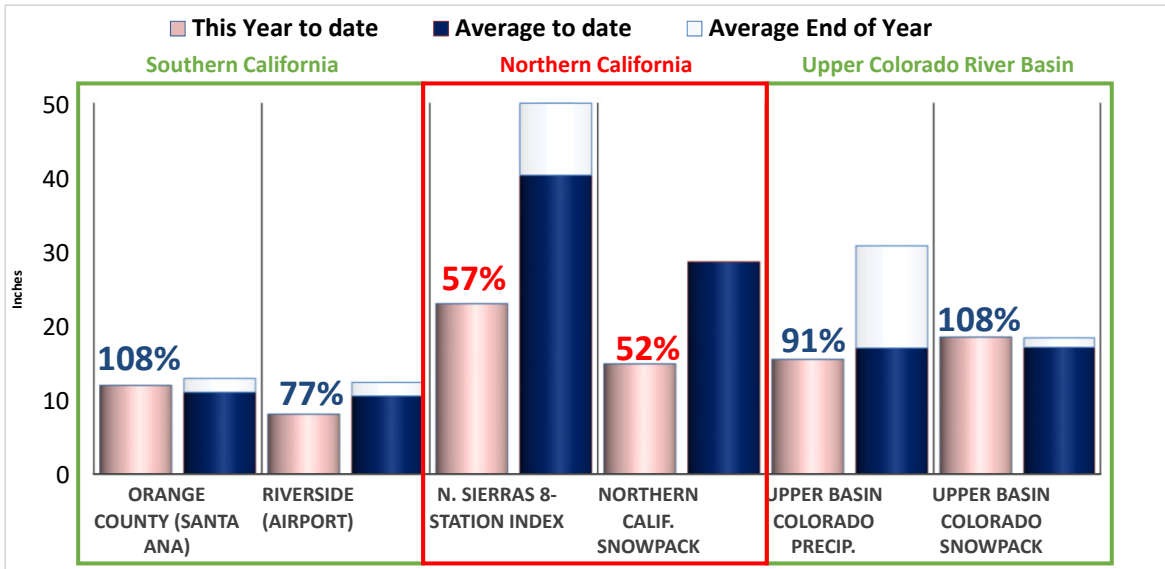


Regional Weather and Water Supply Conditions

Insight to regional weather conditions that affect California's water supply

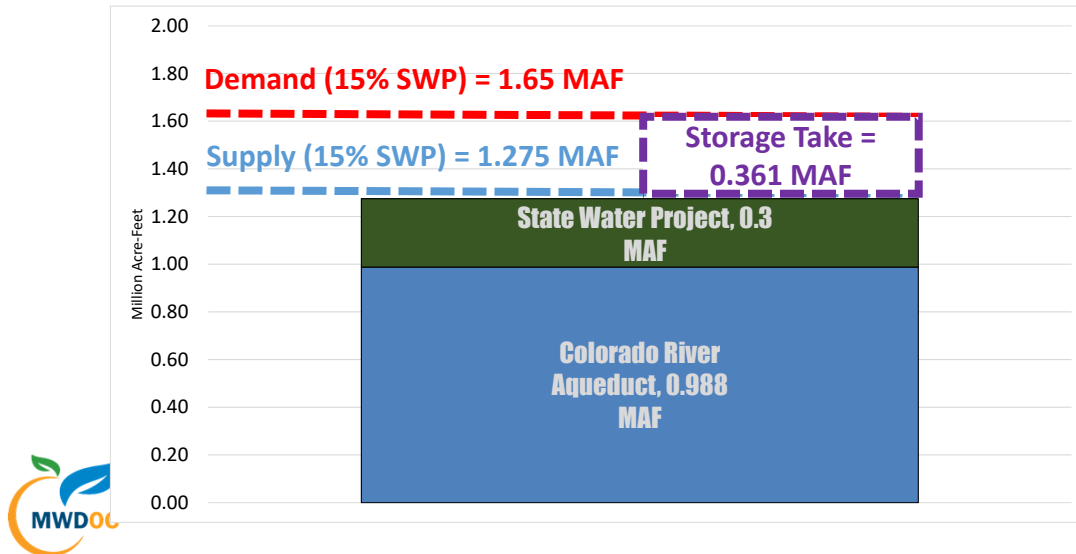


Comparing the Three Regions

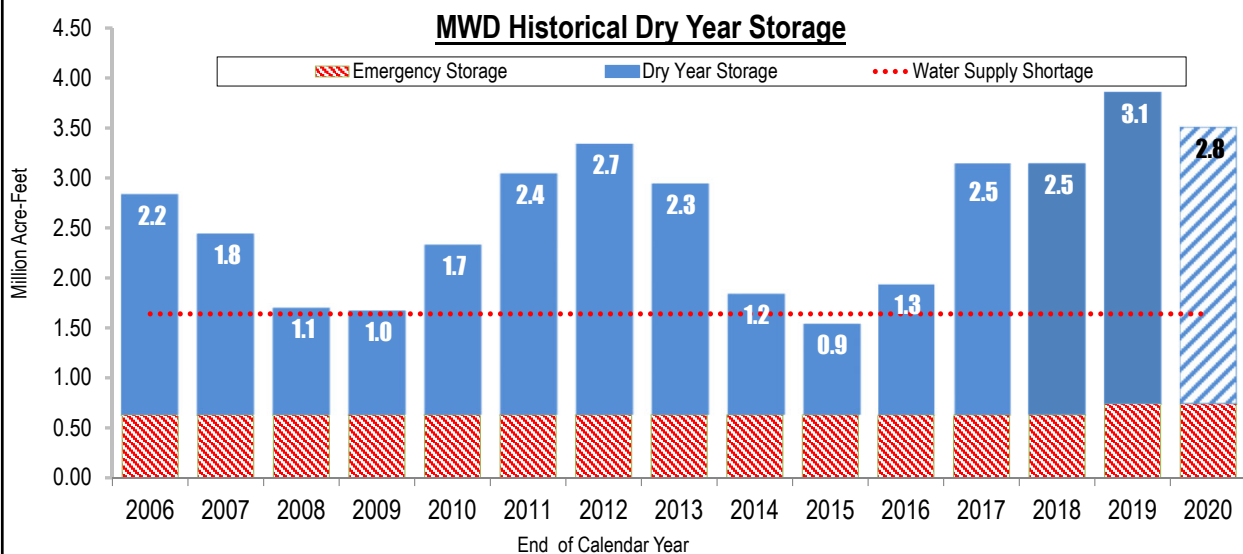


MWD 2020 Water Storage

MWD 2020 Estimated Water Storage



MWD 2020 Estimated Water Storage







INFORMATION ITEM

April 1, 2019

TO: Board of Directors

FROM: Robert Hunter,
General Manager

Staff Contact: Melissa Baum-Haley

SUBJECT: DELTA CONVEYANCE PROJECT ACTIVITIES UPDATE

STAFF RECOMMENDATION

Staff recommends the Board of Directors review and discuss the information presented.

COMMITTEE RECOMMENDATION

Committee recommends (To be determined at Committee Meeting)

REPORT

Delta Conveyance Notice of Preparation

As a result of the COVID-19 pandemic, the Department of Water Resources (DWR) will be extending the scoping period for the Delta Conveyance Project by four weeks. The new deadline for public comment will be at 5:00 p.m. on Friday, April 17, 2020.

Joint Powers Authorities

The Delta Conveyance Design and Construction Authority (DCA) has arranged for remote participation for both committee members and the public for future meetings. At the March 19, 2020 DCA meeting, the following was reported that they continue to remain well below the approved budget. The DCA has committed approximately \$61.7M of the approved budget of \$82M. The current forecasted estimate at completion for FY 2019/20 has remained at approximately \$49.2M. Delays in implementation of the field work program has significantly reduced cost forecasts.

Budgeted (Y/N): N/A	Budgeted amount: None	Core _X_	Choice __
Action item amount: N/A		Line item:	
Fiscal Impact (explain if unbudgeted):			

Additionally, the DCA engineering team has shifted its focus to preparing environmental footprint documentation and the continued development of preliminary data required to prepare the environmental documentation templates.

There were two meetings of the Stakeholder Engagement Committee in February. The first meeting (Feb 12) focused on design, siting, and logistics of launch shafts. The engineering team presented a shaft siting methodology and analysis results and invited feedback from the Stakeholder Engagement Committee members. The second meeting (Feb 26) focused on design, siting, and logistics of retrieval and maintenance shafts.

The DCA has been reviewing individual system components with the Stakeholder Engagement Committee working our way from North to South. The Committee has asked that the DCA start providing more “system-wide” information so the upcoming meetings will look at the entire alignment with selected sites to help facilitate Stakeholder Engagement Committee feedback. The Stakeholder Engagement Committee meeting scheduled for March 25, 2020 has been cancelled.

Metropolitan Legal Matters

Following President Trump’s February signing of the Record of Decision, the state immediately filed a lawsuit on them to in effect, block the State Water Project’s operating permit.

Of note, the state’s permit for the State Water Project under the California Endangered Species Act is a temporary permit; a final permit had been expected mid-March.

On March 3, the State Water Contractors filed a motion to intervene as a defendant in a lawsuit filed by the Natural Resources Defense Council, Defenders of Wildlife, along with a handful of other environmental nonprofits.

Now on the agenda for the April 14, 2020 Legal and Claims Committee, Metropolitan has will consider authorization for initiation of litigation to challenge the Final Environmental Impact Report, the new California Endangered Species Act incidental take permit for long-term operations of the State Water Project, and potential other claims against the State. This item will be in conference with legal counsel and therefore heard in closed session.

Additional Information

Additional information on the Bay-Delta Issues can be found in *Issue Brief D - Bay Delta/State Water Project Issues* of the Discussion Item regarding Metropolitan Water District items critical to Orange County.



INFORMATION ITEM

April 1, 2020

TO: Board of Directors

**FROM: Robert Hunter,
General Manager**

Staff Contact: Karl Seckel
Harvey De La Torre
Melissa Baum-Haley

**SUBJECT: METROPOLITAN WATER DISTRICT (MET) ITEMS CRITICAL TO
ORANGE COUNTY**

STAFF RECOMMENDATION

Staff recommends the Board of Directors to review and discuss this information.

DETAILED REPORT

This report provides a brief update on the current status of the following key MET issues that may affect Orange County:

- a) MET's Water Supply Conditions
- b) MET's Finance and Rate Issues
- c) Colorado River Issues
- d) Bay Delta/State Water Project Issues
- e) MET's Ocean Desalination Policy and Potential Participation in the Doheny and Huntington Beach Ocean (Poseidon) Desalination Projects
- f) South Orange County Projects

ISSUE BRIEF # A

SUBJECT: MET's Water Supply Conditions

RECENT ACTIVITY

Information can be found in Item 4 – Water Supply Update and Storage Levels.

ISSUE BRIEF # B

SUBJECT: MET's Finance and Rate Issues

RECENT ACTIVITY

At the April 13 Metropolitan Finance and Insurance Committee, the Metropolitan Board will hold its fourth workshop. Additionally, the Board will consider action on April 14 and any modifications or amendments to the proposed biennial budget for fiscal years 2020/21 and 2021/22.

The complete Board action also includes the Capital Investment Plan and revenue requirements for fiscal years 2020/21 and 2021/22, and ten-year forecast; adopt resolutions fixing and adopting the water rates and charges for calendar years 2021 and 2022; and adopt the resolution finding that for fiscal years 2020/21 and 2021/22, the ad valorem property tax rate limitation of Metropolitan Water District Act Section 124.5 is not applicable because it is essential to Metropolitan's fiscal integrity to collect ad valorem property taxes in excess of the limitation.

The budget process is adhering to the following schedule:

- February 10, 2020 Workshop #1: Budget and Rates Overview
- February 25, 2020 Workshop #2: Primarily focused on CIP
- February 28, 2020 Notice to the Legislature of public hearing
- March 9, 2020 Workshop #3: 10-year forecast scenarios
- March 10, 2020 Public Hearing
- April 14, 2020 Board action to resolution for applicability of the tax rate limit
- August 2020 Board action to adopt tax rate resolution for FY 2020/21
- August 2021 Board action to adopt tax rate resolution for FY 2021/22

The Proposed FY 2020-21 and FY 2021-22 Budget and CY 2021-2022 Rates and Charges can be found at:

<http://www.mwdh2o.com/WhoWeAre/Pages/FY-2020-21-and-2021-22-CY-2021-22.aspx>

ISSUE BRIEF # C**SUBJECT: Colorado River Issues****RECENT ACTIVITY**

Colorado River Basin Salinity Control Program

The public comment period for the draft environmental impact statement (DEIS) issued by U.S. Bureau of Reclamation (Reclamation) for the Paradox Valley Unit ended in February. This DEIS describes the alternatives to replace the Paradox Valley Unit (Unit), a deep aquifer brine injection well that has been used to remove approximately 100,000 tons of salt each year from the Colorado River in the Upper Basin. Ongoing seismic activity in the vicinity of the Unit led Reclamation to temporarily discontinue use of the Unit because the brine injection from the well is believed to be the cause of the seismic activity. The DEIS identified alternatives including a new injection well at a new location, evaporation ponds, and “Zero Liquid Discharge” (a proprietary technology that removes salt from saline water).

Metropolitan participated in development of the Colorado River Basin Salinity Control Forum’s (Forum) comment letter, which supports selecting the evaporation pond alternative as the preferred alternative in the forthcoming DEIS, with appropriate mitigation to wildlife impacts. The Forum’s letter also noted that it is imperative that Reclamation work closely with the Basin States through design, implementation, and operation of this selected alternative, including review of appropriate sizing of the evaporation pond facilities. Metropolitan also provided comments through the Lower Colorado River Water Quality Partnership’s letter which supports the Forum’s selection of the evaporation pond alternative.

Representatives of the seven Colorado River Basin States (Basin States or States) also submitted a comment letter describing the importance of and their support for the Salinity Control Program (Program), but also noted the ongoing inability of the States to maintain solvency of the States’ cost-share portion of the Program. The solvency issue is the result of higher federal appropriations that lead to higher cost-share obligations for the States, combined with lower hydropower revenues which are the source of funds for the States to meet cost-share obligations. This combination of higher federal appropriations and lower hydropower revenue has resulted in a growing accrual deficit of \$13,000,000, an amount that may increase this year. The Basin States’ letter notes that the cost estimate for the DEIS action alternatives range from \$99,000,000 to \$132,000,000, which would require a cost-share match from the States that would exacerbate the existing solvency problem. The Basin States note that it is their intent to work cooperatively over the next several years to implement changes to address the long-term financial stability of the Program. However, because solutions may require federal legislation and making administrative changes to operations of the Program, resolving the solvency problem may take several years.

Metropolitan hosts Coachella and Desert during Inaugural Coordinating Meeting

Per the terms of the new exchange agreements that were signed among Metropolitan, Coachella Valley Water District (Coachella), and Desert Water Agency (Desert), a Coordinating Committee was established to improve operational coordination among the agencies and share information that the other agencies could benefit from. Metropolitan hosted the initial meeting at Mills Water Treatment Plant in late February. During the meeting, the agencies discussed the current status of the State Water Project and Colorado River hydrology and operations, and discussed opportunities for agencies to acquire additional water if it becomes available. The Coordinating Committee will meet on a quarterly basis, unless an unforeseen circumstance requires additional meetings.

ISSUE BRIEF # D

SUBJECT: Bay Delta/State Water Project Issues

RECENT ACTIVITY

For information specifically relating to the Delta Conveyance Project (f.k.a. the California WaterFix) please, refer to the associated Board Item – Delta Conveyance Project Activities.

Delta Flood Emergency Management Plan

DWR staff is planning an exercise to be conducted in 2021 that will address operational practices of the Delta Flood Emergency Management Plan under potential extensive multiple island levee failures and island flooding. Specific response measures would include pathway development and reservoir release measures to support its operation. This differs from previous exercises which have responded to consequences of individual levee failures. The exercise would involve and train multidivisional elements of DWR to determine areas of improvement based on real time practices. The exercise would focus on personnel who have an active role during emergencies, including preparedness and response, threats and hazards identification, and testing DWR's response to competing resource demands.

Science Activities

Researchers with UC Santa Cruz, under contract with Metropolitan, completed the first year of a five-year study to investigate the impacts of human made structures and other physical features (contact points) on predation of juvenile salmon in the Delta. The published results of year one field study and literature review addressed the effects of predator-prey interactions based on contact points, and the results indicate that the effects of submerged aquatic vegetation and artificial illumination on predation warrant further investigation in the Delta. Plans for the second year of the study include evaluation of these contact points in the field. Another salmon study to evaluate floodplain habitats was also recently completed. The study observed that in the Sutter Bypass, during small-scale flooding, wetland habitats make up approximately 60 percent of the flooded habitat while agricultural habitats make up approximately 40 percent. During larger flooding events, the agricultural habitats make up nearly 75 percent. This highlights the variability in available habitat at a variety of flows that is available for juvenile Chinook salmon.

Metropolitan staff also conducted field sampling for year two of the Prop 1-funded study addressing "Impacts of climate change on pesticide bioavailability and sub-lethal effects on juvenile salmon reared in floodplain habitats". Field work consisted of deploying samplers and collecting samples along the lower main stem Sacramento River and northern Delta.

Metropolitan staff assisted with planning and conducting a science symposium addressing "How to achieve a true consensus for best environmental DNA practices," which was held at UC Davis. The symposium consisted of international speakers and was livestreamed internationally. The symposium focused on the techniques used to detect environmental DNA, a method of non-lethal sampling in aquatic environments that is rapidly becoming a standard tool for fish surveys.

Metropolitan staff continued participating in the Collaborative Science and Adaptive Management Program (CSAMP), including participation on the Collaborative Adaptive Management Team (CAMT). The February 5 CSAMP Policy Group meeting included project updates on the Delta smelt structured decision making and Coordinated Salmon Science Plan projects, a review of Delta smelt Resiliency Strategy actions planned this year and a science presentation on the evaluation of hatchery salmon release practices that can impact straying rates for returning salmon. The February 18 CAMT meeting focused on Delta smelt science efforts, including the efforts of state agencies to organize and implement monitoring and studies to evaluate effects of Delta smelt management actions.

ISSUE BRIEF # E

SUBJECT: MET's Ocean Desalination Policy and Potential Participation in the Doheny and Huntington Beach Ocean (Poseidon) Desalination Projects

RECENT ACTIVITY

Doheny Desal

The details of this have been moved to briefing Issue F as it pertains only to South Orange County.

Poseidon Huntington Beach

The Santa Ana Regional Water Quality Control Board (SARWQCB) continues to work with Poseidon on renewal of the National Pollutant Discharge Elimination System (NPDES) Permit for the proposed HB Desalination Project.

The renewal of the NPDES permit for the proposed desalination facility requires a California Water Code section 13142.5(b) determination in accordance with the State's Ocean Plan (a.k.a. the Desalination Amendment). To make a consistency determination with the Desalination Amendment, the Regional Board is required to analyze the project using a two-step process:

1. Analyze separately as independent considerations, a range of feasible alternatives for the best available alternative to minimize intake and mortality of all forms of marine life:
 - a. Site
 - b. Design
 - c. Technology
 - d. Mitigation Measures
2. Then consider all four factors collectively and determine the best combination of feasible alternatives.

Regional Board staff reviewed hundreds of documents and input from both an independent reviewer and a neutral 3rd party reviewer to develop Tentative Order R8-2020-0005.

The key areas required by the Ocean Plan on which the Santa Ana Water Board is required to make a determination, includes:

- Facility onshore location;
- Intake considerations including subsurface and surface intake systems;
- **Identified need for the desalinated water;**
- Concentrated brine discharge considerations;
- Calculation of the marine life impacts; and

- Determination of the best feasible mitigation project available.

In evaluating the proposed project, Santa Ana Regional Board staff interpreted “the identified need for the desalinated water” as whether or not the project is included in local area water planning documents, rather than a reliability need as analyzed in the OC Water Reliability Study. The Regional Board staff referenced several water planning documents; Municipal Water District of Orange County’s (MWDOC) 2015 Urban Water Management Plan (UWMP), the OC Water Reliability Study, OCWD’s Long Term Facilities Plan, and other OCWD planning documents in their evaluation of Identified Need.

On December 6, 2019, SARWQCB, Regional Board staff conducted a workshop in Huntington Beach that was heavily attended with a considerable range of views expressed at the meeting. Several of the SARWQCB members were somewhat confused about the evaluation of Identified Need for the project (inclusion in local water planning documents vs. an identified reliability need for the project) and requested staff to help them understand the issue better.

The SARWQCB scheduled a Special Board Meeting for a Poseidon Workshop on April 3, 2020. The special meeting has been postponed to a TBD date after mid-April to allow SARWQCB time to develop a solid procedure for public comment. The next SARWQCB Regular Board Meeting is scheduled for May 8, 2020 at Irvine Ranch Water District.

Assuming success, Poseidon would then seek its final permits from the California Coastal Commission (CCC). The CCC has committed to reviewing the permit within 90 days of the SARWQCB NPDES permit issuance.

ISSUE BRIEF # F

SUBJECT: South Orange County Projects

RECENT ACTIVITY

Doheny Desal Project

On October 30, 2019, South Coast held a Peer Review Cost Estimate workshop for the Doheny Desal Project. Rich Svindland, of California American Water (CalAm), who helped develop the 6.4 MGD Monterey Ocean Desal Project using slant well technology, completed a peer review cost estimate for the Doheny Ocean Desal Project. The CalAm Peer Review was based on their experience in developing and bidding a project in Monterey, (that plant has not been constructed due to permitting and legal issues). The CalAm review of the previous Doheny Desal cost estimate by GHD indicated some differences in capital and operating costs including a higher level of staffing for the plant as suggested by CalAm. Overall, the cost differences resulted in estimated increased costs:

- Capital costs were estimated at 5.4% higher
- O&M costs were estimated at 15.8% higher
- Overall, the unit cost of water increased from \$1,556 per AF to \$1,805 per AF, an increase of \$249 per AF, an overall increase of about 16.0%

South Coast WD's Board has voiced their opinion that a 5 MGD project provides too much water and is beyond the ability of South Coast WD to shoulder by themselves. Without other partners, they may consider a plant size as small as 2.0 mgd without any oversizing to protect the potential for an ultimate 15 mgd project. The potential use of excess recycled supplies to be blended with ocean supplies was also discussed with the Latham wastewater plant in near proximity to the Doheny Desal Project. An unknown consideration is the concentrated iron and manganese laden sub-surface seawater found during the MWDOC pilot slantwell testing.

On January 23, 2020, the South Coast WD Board approved a conceptual study of ocean water augmentation using Direct Potable Reuse (DPR). This concept is based on the proposition that the challenges of Ocean Desalination and DPR could beneficially offset each other. South Coast WD has contracted with Dudek to prepare a white paper to evaluate this concept specifically to the Doheny Ocean Desalination Project on a feasibility and cost comparison basis. It is anticipated the study will take four months to complete.

South Coast WD has submitted their NPDES permit application on March 13, 2020 with an estimated six-month review time by the San Diego Regional Board.

Next Steps by South Coast WD:

1. Look for partners

2. High Level Schedule (has slipped a bit due to the Regional Board schedule)

- | | |
|-----------------------------|------------------|
| a. Environmental permitting | Late Summer 2020 |
| b. DBOM Contract Develop | Early 2020 |
| c. DBOM Contract Award | Early 2021 |
| d. Construction Completion | Early 2023 |

SMWD Trampas Canyon Recycled Water Reservoir

Trampas Canyon Reservoir and Dam (Trampas Reservoir) is a seasonal recycled water storage reservoir, with a total capacity of 5,000 AF, of which 2,500 AF is available to meet Santa Margarita Water District's projected base recycled water demands, and 2,500 AF to meet future water supply needs. When completed, the Trampas Reservoir will allow SMWD to store recycled water in the winter and draw on that water during the peak summer months.

The construction of the Trampas Canyon Recycled Water Seasonal Storage Reservoir consists of three main components:

1. Trampas Canyon Dam (Dam)
2. Conveyance facilities to transport recycled water into and out of the Reservoir (Pipelines)
3. Trampas Canyon Pump Station (Pump Station)

The construction of the facilities is being completed in three phases:

1. Preconstruction/Site Preparation for the Dam and Pump Station Construction
 - a. Project Status - Complete
2. Dam and Pipelines
 - a. Project Status - The Construction Contract was awarded in December 2017 and is approximately 82% complete.
3. Pump Station
 - a. Project Status - The pump station construction contract was awarded to Kingmen Construction on November 22, 2019 for \$3.356 million. The project is 25% complete and substantial completion of the pump station is anticipated August 2020. The pump station building construction is due to begin in March.

San Juan Watershed Project

Santa Margarita WD continues to focus on diversifying its water supply portfolio for south Orange County residents, businesses, schools, and visitors. On June 21, 2019, the San Juan Watershed Environmental Impact Report (EIR) was approved.

The original project had three Phases; Phase 1 was three rubber dams recovering about 700 AFY; Phase 2 added up to 8 more rubber dams with the introduction of recycled water into the creek to improve replenishment of the basin for up to 6,120 AFY, and Phase 3 added more recycled water topping out at approximately 9,480 AFY. Under this arrangement, most or all of the production and treatment involved the existing San Juan Groundwater Desalter with expansions scheduled along the way to increase production over 5 mgd. Fish passage and regulatory hurdles to satisfy subsurface travel time requirements are presenting some difficulties.

SMWD is working with the Ranch on the next phase of development within SMWD and have access to riparian groundwater from the Ranch. Furthermore, they have discovered that the local geology has high vertical percolation rates and sufficient groundwater basin travel time to potentially allow percolation of treated recycled water. SMWD is of the opinion that groundwater production and treatment of the groundwater can be initiated in a relatively short time-frame while permitting for percolation augmentation using recycled water from the nearby Trampas reservoir can be added as permitting allows. They believe the new project area may be able to ultimately produce 4,000 to 5,000 AF per year; they believe the original project will continue to be developed for production out of the wells and treatment provided by San Juan Capistrano as the two agencies merge. Ultimate production out of the basin could exceed 10,000 AF per year if all goes well.

South Orange County Emergency Service Program

MWDOC, IRWD, and Dudek have completed the study to determine if the existing IRWD South Orange County Interconnection capacity for providing emergency water to South Orange County can be expanded and/or extended beyond its current time horizon of 2030.

Dudek participated in the November 6, 2019 workshop to re-engage with the SOC agencies on this project. Support from the agencies was expressed to take a small next step to install Variable Frequency Drives at a pump station within IRWD which would be paid for by SOC to help move water from the IRWD system to SOC in an emergency. The Variable Frequency Drives will provide more flexibility to the IRWD operations staff to allow additional water to be sent to SOC while meeting all of the IRWD needs.

Strand Ranch Project

A meeting was held on February 14, 2020 between MWDOC, MET, and IRWD to further exchange ideas on how to implement the program to capture the benefits that can be provided by the development of “extraordinary supplies” from the Strand Ranch Project. Based on the meeting, staff from MWDOC and IRWD will need to continue to discuss methods of quantifying the benefits of the program.

Other Information on South County Projects

If any agencies would like to have updates included herein on any projects within your service area, please email the updates to Karl Seckel at kseckel@mwdoc.com.

**Summary Report for
The Metropolitan Water District of Southern California
Board Meeting
March 10, 2020**

PUBLIC HEARINGS

Public hearing regarding: (1) the proposed water rates and charges for calendar years 2021 and 2022 necessary to meet the revenue requirements for fiscal years 2020/21 and 2021/22; and (2) the applicability of the Metropolitan Water District Act Section 124.5 ad valorem property tax limitation for fiscal years 2020/21 and 2021/22. **(Agenda Item 4a)**

COMMITTEE ASSIGNMENTS

None. **(Agenda Item 5D)**

COMMUNICATIONS AND LEGISLATION COMMITTEE

Authorized the General Manager to express support and seek amendments to the Governor's Proposed Safe Drinking Water, Wildfire Prevention, and Natural Resources Protection Bond Act of 2020. **(Agenda Item 8-1)**

REAL PROPERTY AND ASSET MANAGEMENT COMMITTEE

Affirmed the General Manager's determination that the parcels are surplus; and (a) authorized staff to dispose of the property in accordance with the Surplus Lands Act, contained in California Government Code Section 54220 et seq., at the market value as determined by the General Manager. If no offer is accepted thereunder, to market and sell the property through the means and procedures allowed by the Metropolitan Administrative Code, or as determined by the General Manager; and (b) add the proceeds from the sale to the DVL Recreational Appropriation No. 15334. **(Agenda Item 8-2)**

WATER PLANNING AND STEWARDSHIP COMMITTEE

Authorized the General Manager to enter into a five-year contract with Richardson & Company, LLP for the required State Water Project related audit services commencing April 2020, in an amount not-to-exceed \$5.125 million. **(Agenda Item 8-3)**

LEGAL AND CLAIMS COMMITTEE

Authorized the General Counsel to increase the amount payable under its contract with Hanson Bridgett LLP by \$100,000 to an amount not-to-exceed \$300,000. **(Agenda Item 8-4)**

Authorized the General Counsel to increase the amount payable under its agreement with Olson Remcho LLP by \$50,000 to a maximum not-to-exceed \$350,000. **(Agenda Item 8-5)**

Approved amendments to the Metropolitan Water District Administrative Code to conform its public contracting provisions to current law and practices, as set forth in Attachment 2 to reflect the changes recommended by the letter. **(Agenda Item 8-6)**

Authorized the General Counsel to increase the maximum amount payable under contract with (1) Theodora Oringer PC for legal services by \$600,000 to an amount not to exceed \$700,000; and (2) Pacific Consultants Construction, Inc. for consulting services by \$50,000 to an amount not to exceed \$150,000. **(Heard in closed session in Committee) (Agenda Item 8-7)**

CONSENT CALENDAR

In other actions, the Board:

Authorized an agreement with Questica Ltd. not-to-exceed \$700,000 for the design, development, and deployment of a cloud-based Budget Planning and Analysis Application. **(Agenda Item 7-1)**

Adopted the CEQA determination that the proposed project was previously addressed in the approved 2014 Mitigated Negative Declaration and related CEQA actions, and authorized extension of the existing lease for the property on 2750 Bristol Street in Costa Mesa, CA in an amount not-to-exceed \$160,000 for an 18-month term, for use as a construction staging and storage site. **(Agenda Item 7-2)**

Reviewed and considered the Coachella Valley Mountains Conservancy adopted the Long Canyon Trail Improvement Project Mitigated Negative Declaration and take related CEQA action authorized the granting of a year-to-year license to the Coachella Valley Mountains Conservancy. **(Agenda Item 7-3)**

OTHER MATTERS

Presented 30-year Service Pin to Director John Morris, representing the City of San Marino. **(Agenda Item 5C)**

Approved Commendatory Resolution for Director Lorraine A. Paskett representing the City of Los Angeles. **(Agenda Item 5E)**

THIS INFORMATION SHOULD NOT BE CONSIDERED THE OFFICIAL MINUTES OF THE MEETING.

Board letters related to the items in this summary are generally posted in the Board Letter Archive approximately one week after the board meeting. In order to view them and their attachments, please copy and paste the following into your browser: <http://mwdh2o.com/WhoWeAre/Board/Board-Meeting/Pages/search.aspx>

All current month materials, before they are moved to the Board Letter Archive, are available on the public website here: <http://mwdh2o.com/WhoWeAre/archived-board-meetings>

**Summary Report for
The Metropolitan Water District of Southern California
Special Board Meeting
March 24, 2020**

BOARD ITEMS – ACTION

Waived Metropolitan Water District Administrative Code Section 8122(b)(2) and (3) for emergency contracts necessitated by the current COVID-19 emergency for the purchase of equipment, materials, or supplies, or the performance of services, while the Governor's March 4, 2020 Proclamation of a State of Emergency remains in effect. **(Agenda Item 8-1)**

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Regular Board Meeting

April 14, 2020

12:00 p.m. – Rm. 2-456

Tuesday, April 14, 2020		
Meeting Schedule		
10:30 AM	L&C	Rm. 2-456
12:00 PM	Board Mtg	Rm. 2-456

MWD Headquarters Building • 700 N. Alameda Street • Los Angeles, CA 90012

1. Call to Order

2. Roll Call

3. Determination of a Quorum

4. Opportunity for members of the public to address the Board on matters within the Board's jurisdiction. (As required by Government Code Section 54954.3(a))

5. OTHER MATTERS

- A. Approval of the Minutes of the Regular Meeting for March 10, 2020 and the Special Board Meeting for March 24, 2020
(Copies have been submitted to each Director)
Any additions, corrections, or omissions
- B. Report on Directors' events attended at Metropolitan expense for month of March 2020
- C. Approve committee assignments
- D. Chairwoman's Monthly Activity Report

6. DEPARTMENT HEADS' REPORTS

- A. General Manager's summary of activities for the month of March 2020

- B. General Counsel's summary of activities for the month of March 2020
- C. General Auditor's summary of activities for the month of March 2020
- D. Ethics Officer's summary of activities for the month of March 2020

7. CONSENT CALENDAR ITEMS — ACTION

- 7-1** Award a \$1,206,535 contract to Wigen Water Technologies for procurement of water treatment equipment for the domestic water systems at the Colorado River Aqueduct pumping plants; the proposed action is in furtherance of a project that was previously determined to be categorically exempt. (E&O)
- 7-2** Adopt resolution for Rancho Corrido Annexation to San Diego County Water Authority and Metropolitan; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (F&I)

END OF CONSENT CALENDAR

8. OTHER BOARD ITEMS — ACTION

- 8-1** Approve the proposed biennial budget for fiscal years 2020/21 and 2021/22, which includes the Capital Investment Plan and revenue requirements for fiscal years 2020/21 and 2021/22, and ten-year forecast; adopt resolutions fixing and adopting the water rates and charges for calendar years 2021 and 2022; and adopt the resolution finding that for fiscal years 2020/21 and 2021/22, the ad valorem property tax rate limitation of Metropolitan Water District Act Section 124.5 is not applicable because it is essential to Metropolitan's fiscal integrity to collect ad valorem property taxes in excess of the limitation; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (F&I)

- 8-2** Appropriate \$500 million for projects identified in the Capital Investment Plan for Fiscal Years 2020/21 and 2021/22 and authorize the General Manager to initiate or proceed with work on all capital projects identified in the CIP for FYs 2020/21 and 2021/22 and Minor Capital Projects to be identified during the biennial period, subject to any limits on the General Manager's authority and CEQA requirements; the General Manager has determined that the proposed actions are exempt or otherwise not subject to CEQA. (E&O)
- 8-3** Authorize initiation of litigation to challenge the Final Environmental Impact Report, the new California Endangered Species Act incidental take permit for long-term operations of the State Water Project, and potential other claims against the State; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (L&C)
[Conference with legal counsel--initiation of litigation (two or more cases) to be heard in closed session pursuant to Gov. Code Section 54956.9(d)(4)].
- 8-4** Report on existing litigation Food and Water Watch and Center for Food Safety v. Metropolitan Water District of Southern California, et al., Los Angeles Superior Court Case No. BC720692; Court of Appeal for the Second District Case No. B297553; and authorize increase of maximum amount payable under contract with Hanson Bridgett LLP for legal services by \$100,000 to an amount not to exceed \$200,000; the General Manager has determined that the proposed action is exempt or otherwise not subject to CEQA. (L&C)
[Conference with legal counsel-existing litigation; to be heard in closed session pursuant to Gov. Code Section 54956.9(d)(1)]

9. BOARD INFORMATION ITEMS

- 9-1** Update on Coronavirus (COVID-19) Response
- 9-2** State and Federal Legislation Update

10. FOLLOW-UP ITEMS

11. FUTURE AGENDA ITEMS

12. ADJOURNMENT

NOTE: Each agenda item with a committee designation will be considered and a recommendation may be made by one or more committees prior to consideration and final action by the full Board of Directors. The committee designation appears in parentheses at the end of the description of the agenda item e.g., (E&O, F&I). Committee agendas may be obtained from the Board Executive Secretary.

Writings relating to open session agenda items distributed to Directors less than 72 hours prior to a regular meeting are available for public inspection at Metropolitan's Headquarters Building and on Metropolitan's Web site <http://www.mwdh2o.com>.

Requests for a disability related modification or accommodation, including auxiliary aids or services, in order to attend or participate in a meeting should be made to the Board Executive Secretary in advance of the meeting to ensure availability of the requested service or accommodation.