

WORKSHOP MEETING OF THE
BOARD OF DIRECTORS WITH MET DIRECTORS
MUNICIPAL WATER DISTRICT OF ORANGE COUNTY
18700 Ward Street, Board Room, Fountain Valley, California
May 1, 2019, 8:30 a.m.

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. 2083)

PRESENTATION/DISCUSSION/INFORMATION 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. WATER SUPPLY CONDITIONS UPDATE

Recommendation: Review and discuss the information presented.

3. PRESENTATION REGARDING THE STORMWATER PILOT PROGRAM CONCEPTS BY METROPOLITAN STAFF

Recommendation: Review and discuss the information presented.

4. CALIFORNIA WATERFIX ACTIVITIES UPDATE

Recommendation: Review and discuss 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: Discuss and provide input on information relative to the MET items of critical interest to Orange County.

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

- a. Summary regarding April Board Meeting
- b. Review items of significance for MET Board and Committee Agendas (due to the timing of the MET Committee meetings, an agenda is not available)

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.



INFORMATION ITEM

May 1, 2019

TO: Board of Directors

FROM: Robert Hunter, General Manager

Staff Contact: Chris Lingad

SUBJECT: WATER SUPPLY CONDITION UPDATE

STAFF RECOMMENDATION

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

REPORT

The 2018-19 Water Year officially began October 1, 2018. Thus far, the Northern California accumulated precipitation (8-Station Index) is reporting **61.3 inches or 133% of normal** as of April 22. In the month of April 2019, accumulated precipitation reached 3.8 inches, which is **equal to normal** compared to the historical average (As of April 22). The Northern Sierra snowpack has begun to decline but the Snow Water Equivalent is still well above average at **40.5 inches on April 22**, which was **168% of normal** for that day.

As of April 22, Lake Oroville storage is at **88% of total capacity and 110% of normal**. As of April 22, San Luis Reservoir has a volume **of 91% of the reservoir's total capacity and is 102% of normal**.

The Department of Water Resources (DWR) in February increased the State Water Project (SWP) **"Table A" allocation to 70%**. This allocation provides Metropolitan with approximately **1,338,050 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 2019 contractor demands.

Budgeted (Y/N): N	Budgeted amount: N/A	Core <u>X</u>	Choice <u> </u>
Action item amount:	Line item:		
Fiscal Impact (explain if unbudgeted):			

On the Colorado River system, snowpack is measured across four states in the Upper Colorado River Basin. As of **April 22, 2019, snowpack measured at 124% of normal** for that date. The ongoing decline in the Colorado River watershed has impacted storage levels in Lake Powell and Lake Mead, which in turn affects the likelihood of surplus or shortage conditions in the future. The Bureau of Reclamation is projecting that there is a 69% chance of a shortage on the Colorado River in 2020, increasing to 82% in 2021.

With estimated total demands and losses of 1.57 million acre-feet (MAF) and with a 70% SWP Table A Allocation, Metropolitan is projecting that demands will exceed supply levels in CY 2019. Based on this, estimated total dry-year storage for Metropolitan at the end of **CY 2019 could exceed 3 MAF.**

Attachment: Water Supply Conditions Presentation



Water Supply Conditions

Municipal Water District of Orange County

May 1, 2019



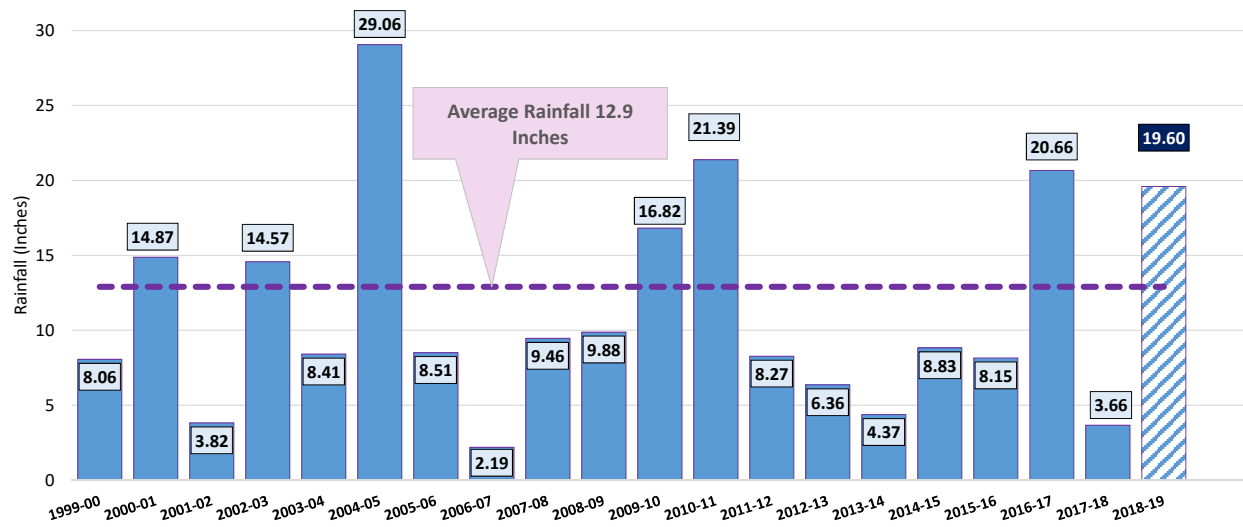
Orange County Weather and Water Supply Conditions

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

Santa Ana Precipitation



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



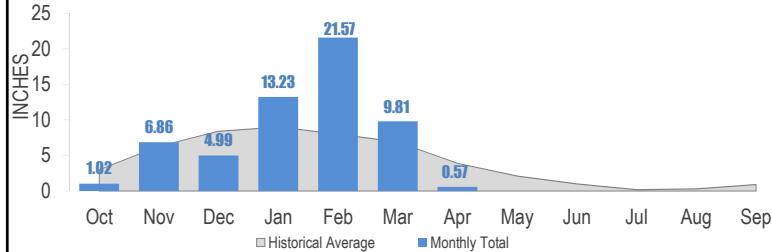
Regional Weather and Water Supply Conditions

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

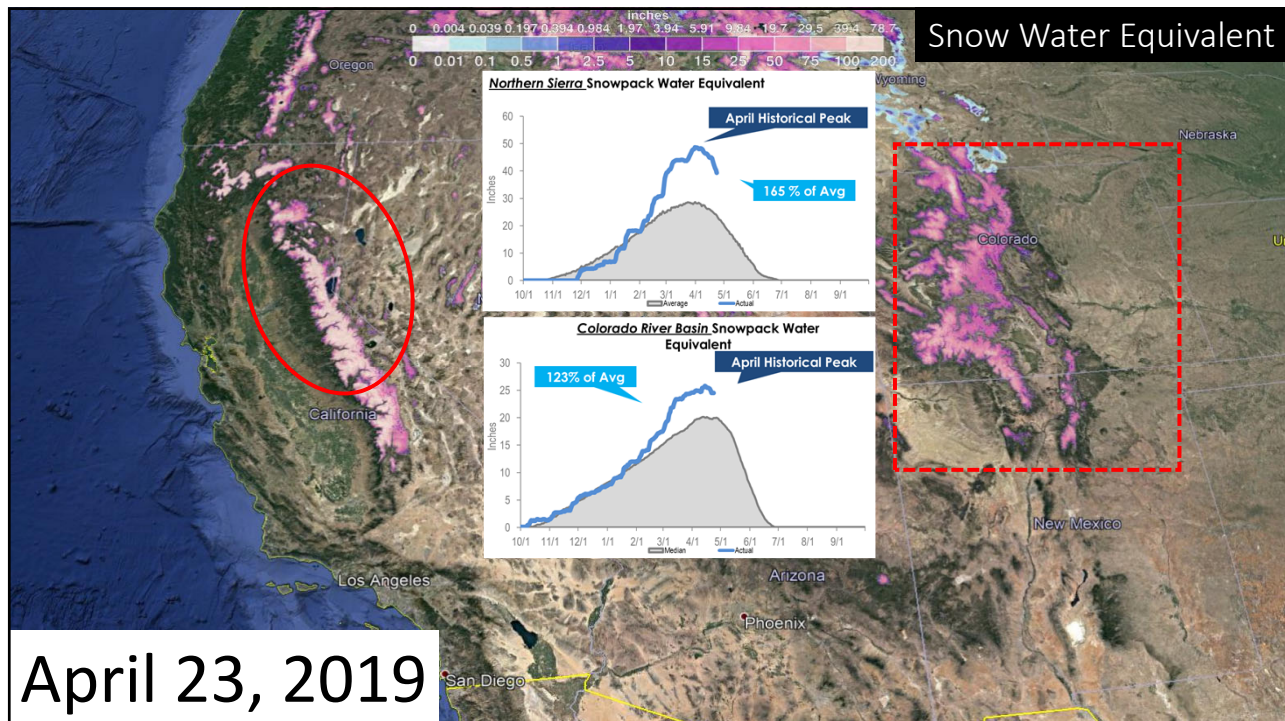
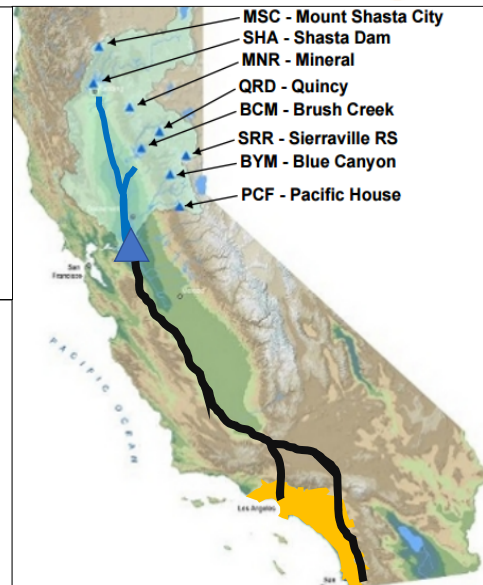
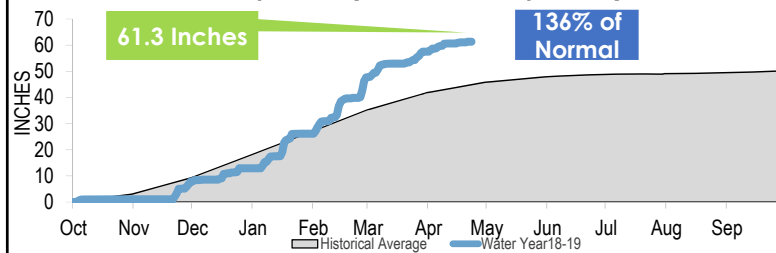
Northern California Accumulated Precipitation



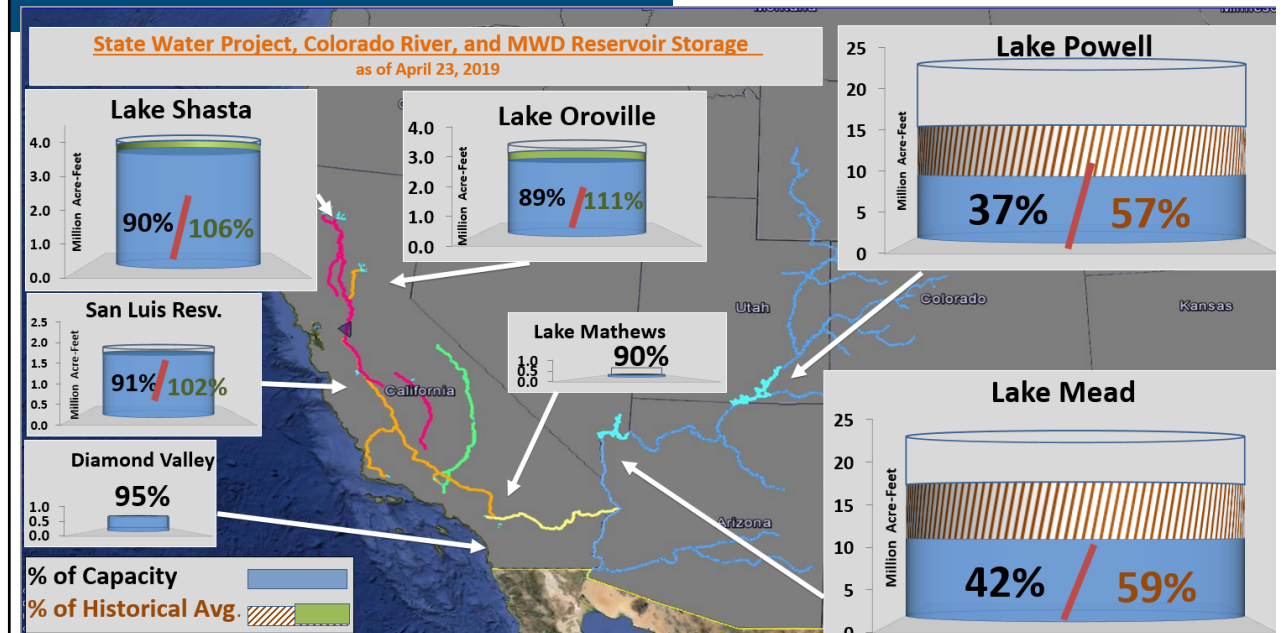
Monthly Precipitation (8 Station Precip Index)



Accumulated Precipitation (8-Station Precip Index)

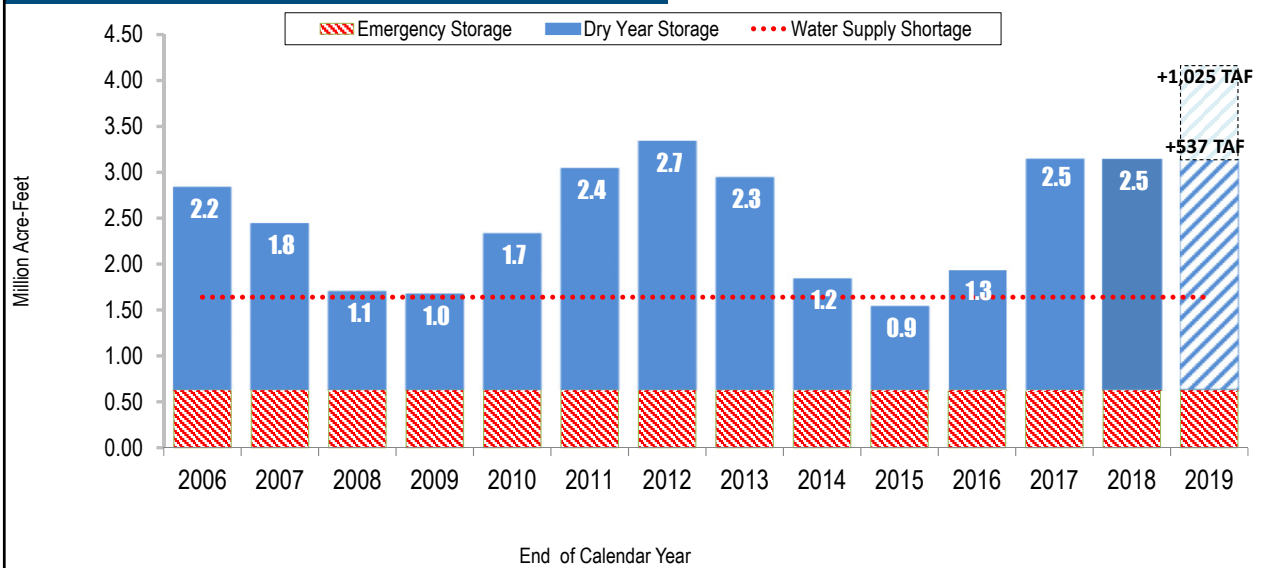


Reservoir Storage



MWD 2019 Water Storage

MWD 2019 Estimated Water Storage





DISCUSSION ITEM

May 1, 2019

TO: Board of Directors

**FROM: Robert Hunter,
General Manager**

Staff Contact: Harvey De La Torre
Melissa Baum-Haley

**SUBJECT: PRESENTATION REGARDING THE STORMWATER PILOT PROGRAM
CONCEPTS BY METROPOLITAN STAFF**

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

Over the past months, Metropolitan has been considering approaches to encourage local resources development. Stormwater is one of the identified action areas.

The proposed Stormwater Pilot will be broken into two unique programs:

- 1) **Direct Use Stormwater Pilot** with the purpose of collecting data on water supply benefits, measurement, and cost.
- 2) **Recharge Stormwater Pilot** with the purpose of evaluating the relationship between stormwater capture and groundwater recharge.

MWDOC has invited Brandon Goshi, who is the Manager for Metropolitan's Water Policy & Strategy, to provide an overview of the Stormwater Pilot Program concepts and next steps.

Budgeted (Y/N): N/A	Budgeted amount: None	Core <input checked="" type="checkbox"/> _X_	Choice <input type="checkbox"/> __
Action item amount: N/A	Line item:		
Fiscal Impact (explain if unbudgeted):			



DISCUSSION ITEM

May 1, 2019

TO: Board of Directors

**FROM: Robert Hunter,
General Manager**

Staff Contact: Harvey De La Torre
Melissa Baum-Haley

SUBJECT: CALIFORNIA WATERFIX 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

On March 26, Metropolitan hosted a Board Workshop to summarize the alternative capacities analyzed to date (9,000 cfs, 6,000 cfs, and 3,000 cfs) and provided the projected costs and benefits associated with these three alternative capacities.

Joint Powers Authority

The Delta Conveyance Design and Construction Authority (DCA) held its regular meeting on April 18, 2019. The DCA did not meet in February or March.

Activities since the January meeting have largely been focused on re-evaluating the DCA's work plans considering the Governor's at the State of the State Address. The DCA continues to coordinate efforts with the Department of Water Resources (DWR) through its Delta Conveyance Office.

Budgeted (Y/N): N/A	Budgeted amount: None	Core <input checked="" type="checkbox"/>	Choice <input type="checkbox"/>
Action item amount: N/A	Line item:		
Fiscal Impact (explain if unbudgeted):			

After completing a competitive solicitation via a Request for Qualifications and evaluation process, at the April meeting, the Board authorized the Executive Director to negotiate and execute a professional services agreement with the most qualified consultant, Parsons Transportation Group Inc., to provide Program Management Support Services for a term of five (5) years with a not-to-exceed amount of \$40,000,000 dollars [\$36,000,000 dollars plus a contingency of \$4,000,000 dollars]. The contract will allow for 5-year renewals and all spending will be managed via the issuance of Task Orders consistent with Board-adopted budgets.

Notice of Preparation of an EIR for Long-Term Operations of the State Water Project

DWR will be preparing an Environmental Impact Report (EIR) for Long-Term Operations of the State Water Project (SWP). The Notice of Preparation is being circulated for a 35-day public comment period, beginning on April 22, 2019 and ending on May 27, 2019.

The EIR is expected to support the California Department of Fish and Wildlife's decision on the application of an Incidental Take Permit under California Endangered Species Act (CESA). DWR will only be seeking CESA coverage for operations of the SWP in the Delta that could result in incidental take of listed species.

The EIR will evaluate potential impacts associated with long-term operations of the SWP as it may be modified:

- Update operating criteria, including operations of SWP facilities in the Delta such as pumps, the Suisun Marsh Salinity Control Gates, and the North Bay Aqueduct. The update will also include a review of Delta operational requirements in the RPAs in the 2008 United States Fish and Wildlife Service and 2009 National Marine Fisheries Service Biological Opinions as well as operational requirements in the existing CESA Incidental Take Permit covering Longfin smelt.
- Updates to the Coordinated Operation Agreement (COA) including the COA Addendum that was executed on December 12, 2018.
- Measures that may be adopted to avoid, minimize or mitigate impacts to listed species resulting from SWP long-term operations, including habitat restoration and other actions to address known stressors.

Note, if there are changes to Central Valley Project (CVP) operations during the term of the Incidental Take Permit, DWR may seek modifications to the Incidental Take Permit as provided for in CDFW's regulations, to authorize SWP operations that are coordinated with CVP operations.

State Water Resources Control Board

The State Water Resources Control Board (SWRCB) is in the process of developing and implementing updates to the Water Quality Control Plan for the San Francisco Bay/Sacramento-San Joaquin Delta Estuary (Bay-Delta Plan), and on December 12, 2018, the SWRCB adopted Bay-Delta Plan updates addressing San Joaquin River flows and south Delta salinity. Phase 2 of the Bay-Delta Plan update is focused on Sacramento River and its tributaries, Delta eastside tributaries, Delta outflows and interior Delta flows. Voluntary Agreement discussions continue to progress. On March 1, the California Natural Resources Agency provided the SWRCB with a Project Description that would support their

environmental and biological objectives through flow and non-flow actions, adaptive management, and funding commitments. The Voluntary Agreement package also includes a planning agreement that outlines necessary terms still needed, and an approach for the additional work to be completed. Metropolitan staff is participating in the Voluntary Agreement process to provide technical input on the evaluation of the proposed voluntary actions. By June 2019, the Voluntary Agreement parties will provide the SWRCB with further refinements to the Project Description related to governance and a science program.

As reported previously, the Delta Science Program organized an Independent Scientific Advisory Panel (Panel) at the request of the SWRCB, to develop recommendations on scientifically defensible methods for formulating biological goals that can be used to assess progress toward achieving the Bay-Delta Water Quality Control Plan's narrative objectives. The draft Panel report was released February 4, 2019 and Metropolitan staff reviewed the report and coordinated with the State Water Contractors (SWC) to submit comments on the report on February 26. On March 4, Metropolitan staff participated in the SWRCB Bay-Delta Biological Goals Scientific Advisory Panel meeting to provide input on the draft Panel recommendations. Metropolitan staff provided input regarding the importance of goals addressing linkages, biological goals as part of an adaptive management framework, goals as indicators of functioning ecosystems, and use of biological models. The Panel is expected to produce a revised report in April, 2019.

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.



DISCUSSION ITEM

May 1, 2019

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:

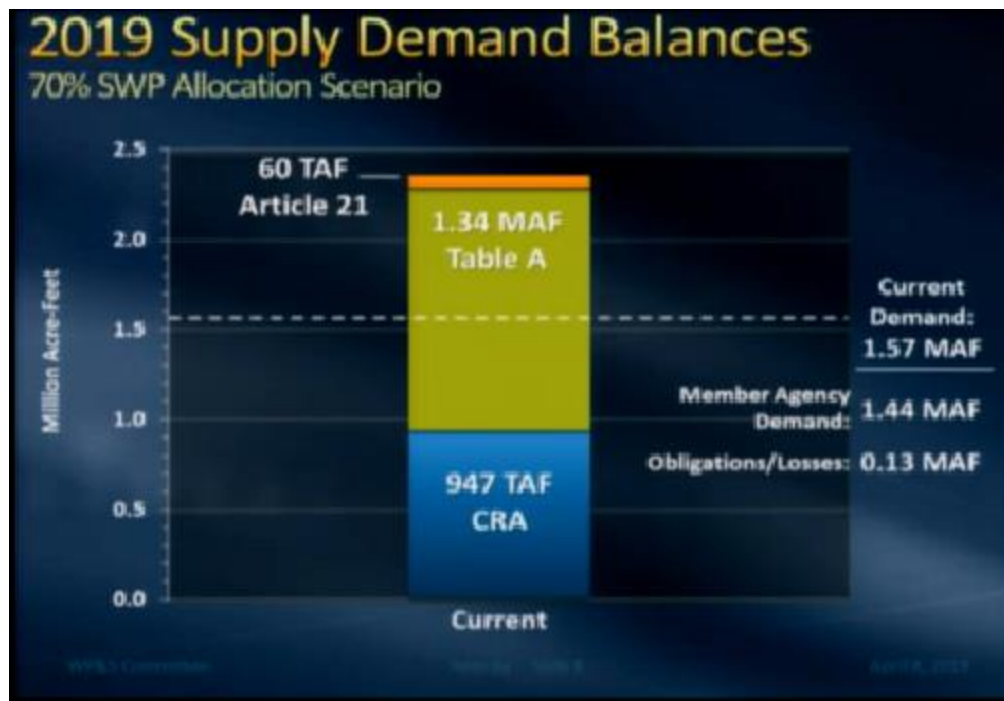
- a) MET's Water Supply Conditions
- b) MET's Finance and Rate Issues
- c) Colorado River Issues
- d) Bay Delta/State Water Project Issues
- e) MET's Ocean Desalination Policy and Potential Participation in the Doheny and Huntington Beach Ocean (Poseidon) Desalination Projects
- f) South Orange County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

Budgeted (Y/N): NA	Budgeted amount: None	Core <input checked="" type="checkbox"/>	Choice <input type="checkbox"/>
Action item amount: N/A		Line item:	
Fiscal Impact (explain if unbudgeted):			

ISSUE BRIEF # A**SUBJECT: MET's Water Supply Conditions****RECENT ACTIVITY**

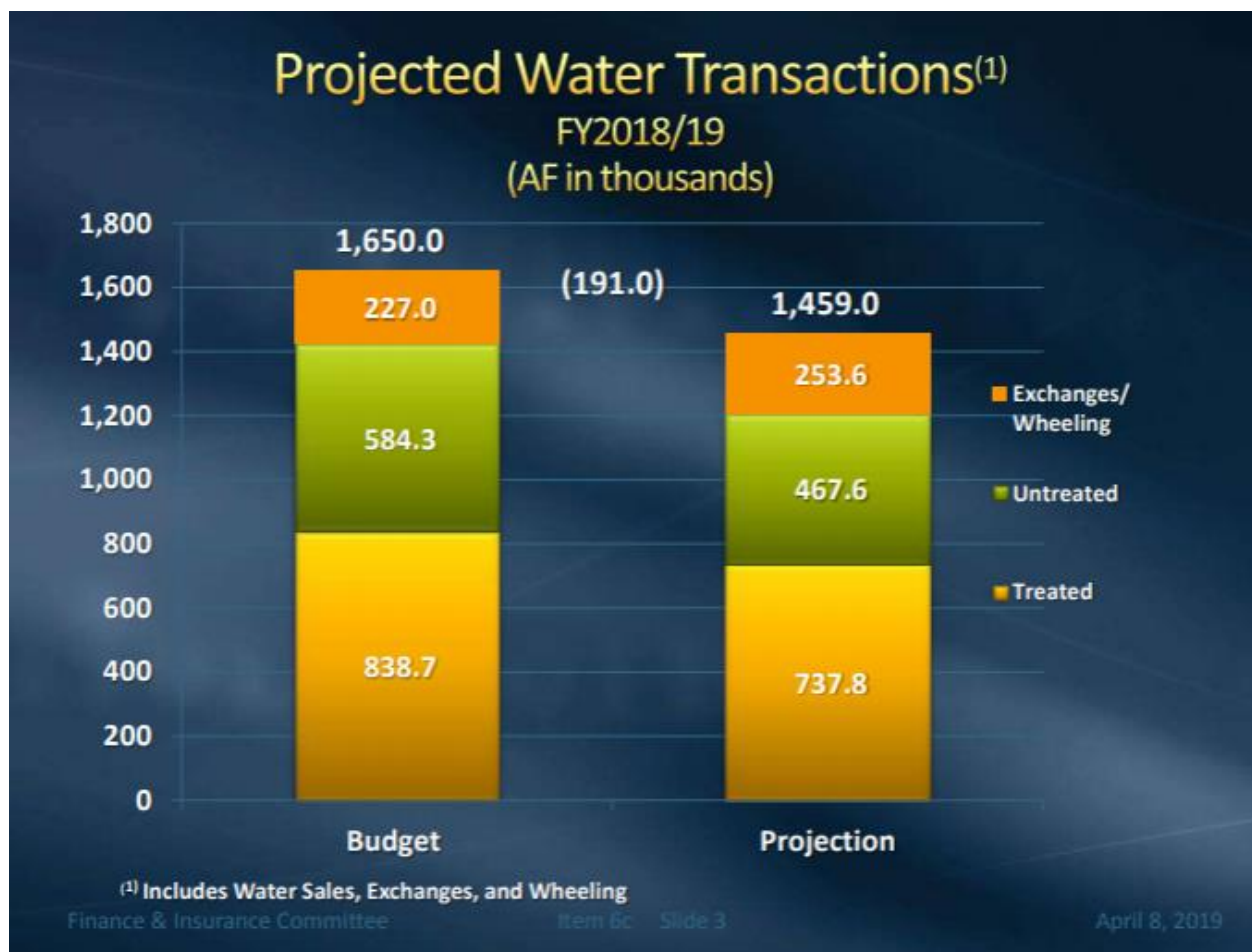
Metropolitan is estimated to have approximately 2.3 million acre-feet (MAF) in supplies. This includes 947 thousand acre-feet (TAF) in supplies from the Colorado River Aqueduct (CRA) and 1.4 MAF from the State Water Project (including Article 21 water) with a SWP Table A allocation of 70%.

With Metropolitan's 2019 water demands estimated at 1.57 MAF, this leaves an estimated surplus of 779 TAF. Depending on demand and possible additional increases to SWP and CRA supplies, Metropolitan is projecting a storage put range of 537 TAF to 1,025 TAF which could lead to a record storage balance of over 3 MAF in CY 2019.



ISSUE BRIEF # B**SUBJECT: MET's Finance and Rate Issues****RECENT ACTIVITY**

Water transactions through March were 87.9 TAF (7%) lower than budget and 21.2 TAF higher than the 5-year average. Water transactions through March also included 17 TAF of Cyclic sales. The variance in the projected water transactions for FY 2018/19, compared to the Budget, are due to lower than normal demands as a result of the wet winter.



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

Drought Contingency Plan

Following Metropolitan's approval of the Drought Contingency Plan (DCP) at its March 12 Board meeting, on March 19, the Colorado River Basin States (Basin States) met in Phoenix and signed a letter transmitting the proposed DCP legislation and agreements to Congress. Peter Nelson, chairman of the Colorado River Board of California, was able to sign the letter on behalf of California, as his agency approved the draft legislation during a special meeting of his board on March 18. To accommodate concerns from Imperial Irrigation District, the proposed legislation was altered to focus more narrowly on reservoir operations, which would allow Metropolitan to recover Intentionally Created Surplus (ICS) supplies stored in Lake Mead during a declared shortage.

Following transmittal of the documents to Congress, the Basin States' representatives provided testimony on the benefits of the DCP during congressional hearings on March 27 and 28. Peter Nelson testified on behalf of California, highlighting the benefits of the DCP and noting that its implementation will have no impact to the Salton Sea. Staff will provide an update on the status of the DCP approval process during April's Water Planning and Stewardship Committee Meeting.

Earthquake Reported at Paradox Valley Salinity Control Well

On March 4, a magnitude 4.1 earthquake rumbled through the Paradox Valley in western Colorado, which Reclamation believes is most likely the result of brine groundwater injections from the Salinity Control Program. About 205,000 tons of salt pass from the Paradox Valley into the Delores River, which is tributary to the Colorado River. During the mid-1990s, Reclamation constructed a well to capture about half of that salt and inject it 3 miles below the surface. Earthquakes have been occurring in the area with increased frequency, and as a result, Reclamation has reduced the injection of brine into the ground. With the recent 4.1 magnitude earthquake, Reclamation has shut the well down until it can assess the current circumstances and see if the well can be operated safely in the future. In the meantime, Reclamation is completing an Environmental Impact Statement (EIS) to evaluate long-term options to the aging well, including drilling a new well, using evaporation ponds, or using zero liquid discharge technology. The EIS is a few years from completion.

ISSUE BRIEF # D

SUBJECT: Bay Delta/State Water Project Issues

RECENT ACTIVITY

Science Activities

Metropolitan staff attended the Interagency Ecological Program 2019 Annual Workshop on March 5-7, which is an annual science conference focused on studies in the Bay-Delta. Metropolitan staff also organized and moderated the Anadromous Fishes session at the workshop. Science conducted or supported by Metropolitan was well represented in the conference, including studies addressing salmon predation and impacts of water project operations:

- Steve Zeug (Cramer Fish Sciences). Experimental Quantification of Piscivore Density and Habitat Effects on Juvenile Chinook Salmon Survival.
- Mike Tillotson (ICF). A Machine Learning Model for Predicting Salmonid Take at the State Water Project (SWP) and Central Valley Project (CVP) in Real-Time.

Metropolitan staff is working with ICF consultants and SWC to refine a salmonid entrainment model that ICF consultants developed to evaluate loss and salvage of juvenile salmon and steelhead at the SWP/CVP facilities under different environmental and operational scenarios. The model predicts weekly salvage of salmonids based on a suite of variables that can be forecasted one month into the future. Once the model is refined, we will work with state and federal agencies to incorporate this into the discussion process that the Delta Operations for Salmonids and Sturgeon use to estimate juvenile salmonid risk of entrainment and provide recommendations on export levels.

Metropolitan staff is working with UC Santa Cruz to identify sites around Bouldin Island that can be used to better understand predation on juvenile Chinook salmon as part of the predator contact point study. The predator contact point study, a multi-agency supported scientific study, will be investigating if modification or elimination of predator contact points result in decreased predation mortality and increased juvenile salmonid survival. Contact points are manmade structures associated with increased predation mortality of juvenile salmonids (e.g. diversions, scour holes, pilings). Year 1 of field work for the study will occur this April-June, 2019.

Metropolitan staff continued participating in the Collaborative Science and Adaptive Management Program (CSAMP), including participation on the Collaborative Adaptive Management Team (CAMT). In March, CSAMP and CAMT received updates on Delta smelt and Salmon Resiliency Strategy actions including: project status, initial findings from action implementation, and funding needs. The California Department of Water Resources (DWR) reported on a project underway to test using net pens in the field to rear Delta smelt from the hatchery. Initial results from the field test were promising with Delta smelt survival in the net pens being similar to Delta smelt in the hatchery. DWR is considering next steps to use the net pens in the field which could be a very promising way to evaluate Delta smelt response to management actions. CAMT also discussed next steps in the CSAMP Structured Decision Making project for Delta smelt and considered options for integrating with the Delta Science Program/US Bureau of Reclamation Structured Decision Making process. CAMT received the Delta Smelt Science Plan revised report in March and

Metropolitan staff is reviewing the report. CAMT is discussing next steps including an approach to test implementation of the plan this year, which includes identification of who is responsible; planned monitoring and studies; identification of knowledge gaps for Delta smelt evaluation and proposals to address the gaps; and development of plans for communication.

Delta Flood Emergency Management Plan

The Final Delta Flood Emergency Management Plan (DFEMP) was approved by the Director of DWR in February 2019. This culminates many years of work by the state to develop an actionable plan to respond to catastrophic events that could significantly affect SWP operations in the Delta. In the Foreword to the Plan, the Director states, "The DFEMP provides a concise, but flexible blueprint for guiding Delta flood emergency management. It serves as a checklist to ensure that important flood management elements are not overlooked, and a manual to help set priorities and allocate resources under emergency conditions when there is not enough time to conduct detailed fact-finding and economic analyses from scratch. Finally, the DFEMP provides reference information and specific procedures that can be incorporated into training programs and then used effectively in Delta flood emergencies." DWR has indicated that the DFEMP would be revised from time to time as needs dictate.

The DFEMP defines the emergency freshwater pathway as a corridor traversing the Delta to the export pumps, in which the repair of levees would be prioritized and channel barriers installed to isolate the pathway from the rest of the Delta. In the most robust response strategy, fresh water reservoir releases from north of Delta reservoirs would be directed toward the central Delta where the pathway would capture and convey freshwater to the southern Delta.

ISSUE BRIEF # E

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

RECENT ACTIVITY

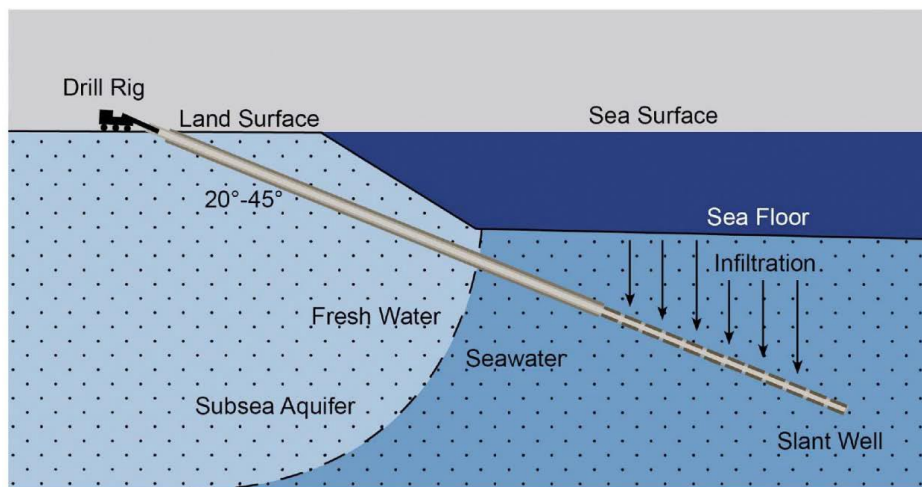
Doheny Desal

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

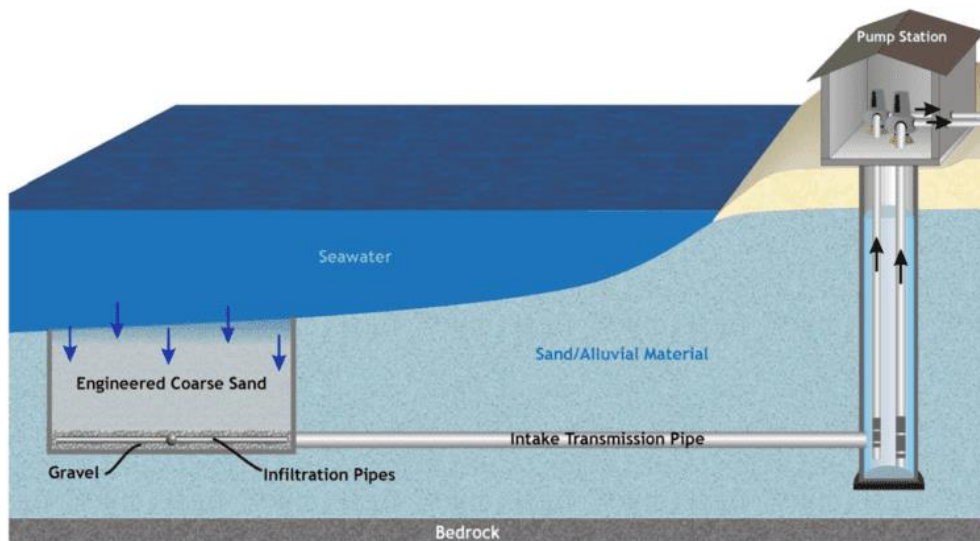
Poseidon Huntington Beach

Poseidon continues working with the Santa Ana Regional Water Quality Control Board (SARWQCB) to renew and update its existing National Pollution Discharge Elimination System permit. Permit renewal requires compliance with an amendment to the Water Quality Control Plan for the Ocean Waters of California (Ocean Plan) which addresses effects associated with the construction and operation of seawater desalination facilities (known as the Desalination Amendment). The Desalination Amendment was adopted by the State Water Resources Control Board on May 6, 2015.

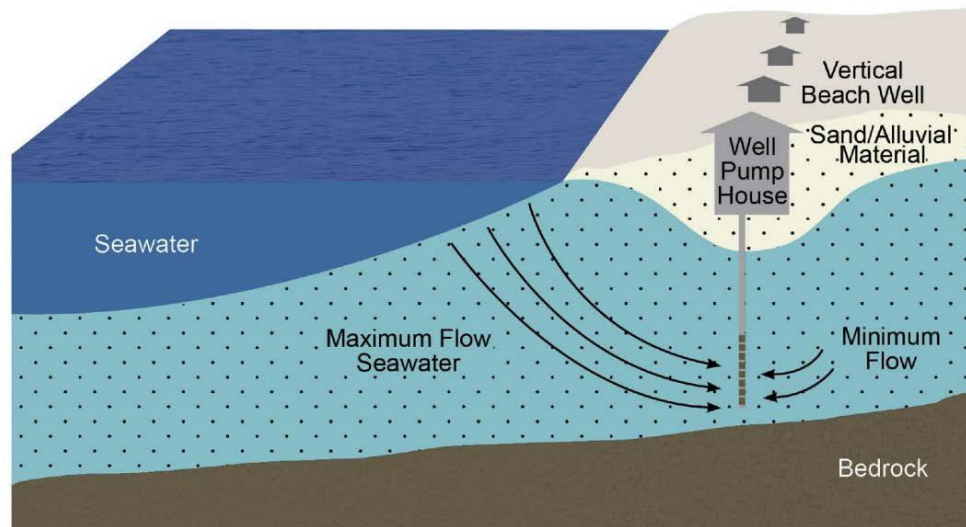
The Desalination Amendment requires new or expanded seawater desalination plants to use the best available; site, design, technology, and mitigation measures feasible to minimize intake and mortality of all forms of marine life. The best available technology is interpreted as the use of sub-surface ocean intakes (Slant Wells, Infiltration Galleries, Vertical Beach Wells, etc...) unless the Regional Board finds sub-surface intakes to be infeasible. Poseidon has submitted more than 200 technical documents (Technical Appendices A through RRRRR) in support of the permit.



Slant Well Technology



Infiltration Galleries



Vertical Beach Wells

As the OC groundwater basin is protected by a seawater infiltration barrier comprised of injected recycled water, only a limited amount of sub-surface pumping can occur in proximity to the barrier before pumping negatively impacts the seawater barrier. Regional Board staff are currently determining the limits of 'feasible' pumping that would not impact the barrier.

At the SARWQCB meeting on March 22, 2019, Regional Board staff presented a schedule for the permit renewal:

Draft Permit	July 2019, followed by a 30-day comment period.
Public Workshop	August 2, 2019
Board Hearing	October 25, 2019

Assuming approval, Poseidon would then seek a permit from the California Coastal Commission in 2019.

ISSUE BRIEF # F

SUBJECT: South Orange County Projects

RECENT ACTIVITY

Doheny Desal Project

South Coast WD released the Doheny Ocean Desalination Project Draft Environmental Impact Report (EIR) on May 17, 2018 and the EIR public comment period closed on August 6, 2018. Consultant GHD has finished the additional technical studies needed to address the comments received. South Coast WD anticipates bringing the Final EIR to their Board for certification in May 2019.

South Coast WD staff submitted a grant application for up to \$20 million for project construction through Bureau of Reclamation 'Water SMART: Desalination Construction Projects under the WIIN Act'. Funding for the grants are still with Congress and will be part of a Federal Budget approval.

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
- 2) Dam and Pipelines
- 3) Pump Station

PROJECT STATUS

Preconstruction/Site Preparation

Complete

Dam and Pipelines

The Construction Contract was awarded in December 2017 and is approximately 40% complete.

Pump Station

The 60% design of this facility was submitted by AECOM on March 8th for District review and approval. The project will likely be available to start the construction bidding process in June 2019. Completion of the construction is expected to be in June 2020, about 2 months ahead of the Reservoir and Dam completion.

San Juan Watershed Project

The Draft Environmental Impact Report (DEIR) public review period was closed for comments on February 23, 2018. Ultimately twenty-one comment letters were received with the major topics of concern being characterized as relating to:

- Steelhead trout migration including the provisions of fish passages
- Impacts on San Juan Creek Lagoon
- Aesthetics and impacts of the various structures that may be required as part of the project on the surrounding neighborhoods
- Sediment transport

The Draft Environmental Impact Report for the Project has been completed and public comments received. Some of these comments required additional technical analysis to be performed. This work has been completed and the final document is being reviewed by legal counsel for conformance to CEQA requirements. Depending on the time required for the review it is anticipated that the document will be brought to the Board for consideration of adoption on May 1, 2019 or May 17, 2019.

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
April 9, 2019**

FINANCE AND INSURANCE COMMITTEE

Approved resolutions fixing and adopting a Readiness-to-Serve Charge and a Capacity Charge for calendar year 2020. **(Agenda Item 8-1)**

ENGINEERING AND OPERATIONS COMMITTEE

Awarded contract to Elite Earthworks & Engineering in an amount not to exceed \$3.7 million; amended current CIP to include the rehabilitation of the Whitewater erosion protection structure; authorized design activities to rehabilitate the Whitewater erosion protection structure; and authorized an increase of \$150,000 to an agreement with HELIX Environmental Planning Inc., for a new not-to-exceed amount of \$465,000. **(Agenda Item 8-2)**

WATER PLANNING AND STEWARDSHIP COMMITTEE

Authorized the General Manager to execute a renewal of the Municipal Water Quality Investigations Program Agreement between the Department of Water Resources, the State Water Contractors and participating urban State Water Project Contractors and continue the MWQI Program for an additional three-year term of January 1, 2020, to December 31, 2022; and execute a renewal of the Municipal Water Quality Investigations Program Specific Project Agreement between the State Water Contractors and participating urban State Water Project Contractors and continue the MWQI Program for an additional three-year term of January 1, 2020, to December 31, 2022. **(Agenda Item 8-3)**

Authorized the General Manager to enter into agreements to provide a cost-offset credit of up to \$225 per acre-foot for surplus deliveries under limited conditions, consistent with the terms in Attachment 2 of the Board letter. **(Agenda Item 8-4)**

Reviewed and considered the Lead Agency's adopted Mitigated Negative Declaration to take related CEQA actions, and authorized the General Manager to enter into the High Desert Water Bank Program agreement with the Antelope Valley-East Kern Water Agency consistent with the terms outlined herein and in a form approved by the General Counsel; approved capital payments of up to \$131 million for funding High Desert Water Bank facilities; and approved payments of recovery fees, operation and maintenance costs, and energy costs related to the High Desert Water Bank. **(Agenda Item 8-5)**

Authorized the General Manager to include in all future demand management agreements the provision regarding legality already used in Future Supply Actions/Foundational Actions Funding agreements; and to no longer include or enforce in Local Resources Program, Seawater Desalination Program, and similar agreements the termination provision directed by the Board in 2009. **(Agenda Item 8-6)**

COMMUNICATIONS AND LEGISLATION COMMITTEE

Take no position on SB 1: California Environmental, Public Health, and Workers Defense Act of 2019, direct staff to negotiate the amendments identified in the board letter, and to return to the board next month. **(Agenda Item 8-7)**

Authorized the General Manager to express support, if amended, for AB 658: Water Rights: Water Management. **(Agenda Item 8-8)**

REAL PROPERTY AND ASSET MANAGEMENT COMMITTEE

Authorized staff to provide a written offer to sell to statutorily-listed entities and public agencies under the state Surplus Land Act at the fair market value as determined by the General Manager. If no offer is accepted to market and sell the property in its current condition at fair market value as determined by the General Manager through public auction, real estate broker listing or other means and procedures allowed by the Metropolitan Administrative Code and authorized staff to quitclaim or dispose of easements and other rights associated with the 20-acre parcel if deemed necessary by the General Manager to complete the sale of the surplus property. **(Agenda Item 8-9)**

Appropriated funds and authorized acquisition of real property located at 4725 Via Corona, Yorba Linda, California, APN 350-071-19 in settlement of anticipated litigation. **(Agenda Item 8-10) (no closed session)**

CONSENT CALENDAR

In other actions, the Board:

Amended the current CIP to include the new project and authorized replacement of gearboxes for the filter inlet valves in Module 7 at the Skinner plant. (Appropriation No. 15509) **(Agenda Item 7-1)**

Authorized a \$1,500,000 agreement with Sensis, Inc. to redesign mwdh2o.com website and implement a Content Management System. **(Agenda Item 7-2)**

Adopted the resolution to support Metropolitan's application for United States Bureau of Reclamation grant funding of \$1.5 million for Disadvantaged Communities Direct Install Program; authorized the General Manager to accept grant funds, if awarded; and authorized the General Manager to enter into a contract with United States Bureau of Reclamation for the grant funds, if awarded. **(Agenda Item 7-3)**

OTHER MATTERS

Report from Executive Committee on Nominations for Board Secretary. (**Agenda Item 5B**)

Accepted nomination and elected Director Judy Abdo for Board Secretary for remaining two year term effective April 9, 2019 through December 31, 2020. (**Agenda Item 5C**)

Presentation of Commendatory Resolution for Director Michael Camacho representing Inland Empire Utilities. (**Agenda Item 5E**)

Deferred presentation of Commendatory Resolution for Director Leticia Vasquez Wilson representing Central Basin Municipal Water District. (**Agenda Item 5G**)

Presentation of 5-year Service Pin to Director Richard W. Atwater. (**Agenda Item 5I**)

Presentation of 10-year Service Pin to Chairwoman Gloria D. Gray. (**Agenda Item 5J**)

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

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