



**BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 - 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0440

Notice of Time and Location Change

PLANNING COMMITTEE MEETING

Tuesday, November 10, 2020

8:30 a.m.

****Virtual****

Notice is hereby given that the Tuesday, November 10, 2020 Planning Committee Meeting of the Board of Directors has been rescheduled from 9:15 a.m. to 8:30 a.m.

Due to COVID-19 and in accordance with the most recent Alameda County Health Order, and with the Governor's Executive Order N-29-20 which suspends portions of the Brown Act, **this meeting will be conducted via webinar or teleconference only**. In compliance with said orders, a physical location will not be provided for this meeting. These measures will only apply during the period in which state or local public health officials have imposed or recommended social distancing.

Dated: November 5, 2020



Rischa S. Cole

Secretary of the District

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**BOARD OF DIRECTORS
EAST BAY MUNICIPAL UTILITY DISTRICT**

375 – 11th Street, Oakland, CA 94607

Office of the Secretary: (510) 287-0440

**AGENDA
Planning Committee
Tuesday, November 10, 2020
8:30 a.m.
Virtual**

Location

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*Committee Members Doug Linney {Chair}, Lesa R. McIntosh
and Frank Mellon will participate by webinar or teleconference*

***** Please see appendix for public participation instructions*****

ROLL CALL:

PUBLIC COMMENT: The Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

DETERMINATION AND DISCUSSION:

1. Urban Water Management Plan 2020 and Revised Drought Management Program Guidelines (Tognolini)

ADJOURNMENT:

Disability Notice

If you require a disability-related modification or accommodation to participate in an EBMUD public meeting please call the Office of the Secretary (510) 287-0404. We will make reasonable arrangements to ensure accessibility. Some special equipment arrangements may require 48 hours advance notice.

Document Availability

Materials related to an item on this agenda that have been submitted to the EBMUD Board of Directors within 72 hours prior to this meeting are available for public inspection in EBMUD’s Office of the Secretary at 375 11th Street, Oakland, California, during normal business hours, and can be viewed on our website at www.ebmud.com.



Planning Committee Meeting
Tuesday, November 10, 2020
8:30 a.m.

EBMUD public Board meetings will be conducted via Zoom.
Board committee meetings are recorded, and live-streamed on the District's website.

Please visit this page beforehand to familiarize yourself with Zoom.
<https://support.zoom.us/hc/en-us/articles/201362193-Joining-a-Meeting>

Online

<https://ebmud.zoom.us/j/97120665310?pwd=aFFIeINiYWNraENhZ29MVHNOUnB0UT09>

Webinar ID: 971 2066 5310

Passcode: 905688

By Phone

Telephone No.: 1 669 900 6833

Webinar ID: 971 2066 5310

Passcode: 905688

International numbers available: <https://ebmud.zoom.us/u/avtJWPNLz>

Providing public comment

The EBMUD Board of Directors is limited by State law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

If you wish to provide public comment please:

- Use the raise hand feature in Zoom to indicate you wish to make a public comment
<https://support.zoom.us/hc/en-us/articles/205566129-Raising-your-hand-in-a-webinar>
 - If you participate by phone, press *9 to raise your hand
- When prompted by the Secretary, please state your name, affiliation if applicable, and topic
- The Secretary will call each speaker in the order received
- Comments on **non-agenda items** will be heard at the beginning of the meeting
- Comments on **agenda items** will be heard when the item is up for consideration
- Each speaker is allotted 3 minutes to speak; the Committee Chair has the discretion to amend this time based on the number of speakers
- The Secretary will keep track of time and inform each speaker when his/her allotted time has concluded

To observe the Planning Committee Meeting,
please visit: <https://www.ebmud.com/about-us/board-directors/board-meetings/>

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: November 5, 2020

MEMO TO: Board of Directors

FROM: Clifford C. Chan, General Manager *CCC*

THROUGH: Michael T. Tognolini, Director of Water and Natural Resources *MTT*

SUBJECT: Urban Water Management Plan 2020 and Revised Drought Management Program Guidelines

SUMMARY

The District's updated Urban Water Management Plan (UWMP), which assesses water demand and guides the District's future water supply portfolio, is scheduled to be completed by June 2021. The UWMP includes the Drought Management Program (DMP), which establishes guidelines for delivery of Central Valley Project (CVP) dry year water supplies. Based on experience from the last drought, the District has determined taking CVP water in the earlier stages of a drought will reduce the risk of more severe shortages in the event of an extended drought. The UWMP schedule and the updated DMP will be presented at the November 10, 2020 Planning Committee meeting.

DISCUSSION

The UWMP 2020 will assess the District's water supply and demand, and identify a diversified portfolio of water supply projects, including recycled water, conservation, transfers and conjunctive use, in order to increase resiliency during droughts which will be exacerbated by climate change and affected by emerging state and federal regulations. The draft UWMP 2020 will be available for public comment in spring 2021.

When water supplies are severely depleted, the Board may declare a water shortage emergency and implement the DMP. After evaluating the lessons learned from the 2014-16 drought, staff recommended modifying the thresholds in the DMP to provide flexibility in balancing customer rationing with delivery of the CVP contract supply. The revised DMP Guidelines would initiate delivery of CVP water supplies at slightly higher storage thresholds than the previous DMP and clarify the sequencing of voluntary water use reduction measures prior to implementing mandatory rationing, based on the severity of the water supply shortage. This will facilitate more effective use of the Freeport Regional Water Project (FRWP) when competing with other CVP contractors for a diminished CVP drought water supply allocation.

The District's existing DMP Guidelines (Table 1) were adopted under Board Motion No. 063-16 to reflect conditions at that time.

Table 1 – 2016 DMP Guidelines

Stage	Projected Total System Storage (TAF)	Quantity of Supplemental Supply Needed (TAF)	Customer Demand Reduction
0: Normal	500 or more	0	Wise water use
1: Moderate	500 - 450	0	Voluntary 0-15%
2: Significant	450 - 390	0-35	Voluntary 0-15%
3: Severe	390 - 325	35-65	Mandatory up to 15%
4: Critical	<325	>65	Mandatory \geq 15%

Based on the District’s experience with reduced availability of its expected CVP water supply allocation in 2015, the District determined taking more CVP water earlier in a drought when sufficient CVP water is available would protect customers against CVP shortages in subsequent years and higher costs when short-term water transfers become very expensive. Staff recommends establishing the new guidelines in Table 2 as summarized below:

- Initiating delivery of dry year CVP water when total system storage is 475 TAF
- Modifying the trigger for implementing voluntary rationing in Stage 1
- Using the FRWP to deliver CVP dry year water allocations as early as possible, once a water shortage emergency has been declared by the District

Table 2 – Proposed 2020 DMP Guidelines

Stage	Projected Total System Storage (TAF)	CVP/Dry Year Supplies	Customer Demand Reduction
0: Normal	475 or more		Wise water use
1: Moderate	475 - 425	✓	Voluntary 0-15%
2: Significant	425 - 390	✓	Mandatory 10-15%
3: Severe	390 - 325	✓	Mandatory up to 15%
4: Critical	<325	✓	Mandatory \geq 15%

The revised DMP Guidelines will be incorporated into the updated UWMP 2020.

NEXT STEPS

The UWMP 2020 will include the revised 2020 DMP. The UWMP 2020 will be available for public review in spring 2021 and presented to the Board for consideration in June 2021.

CCC:MTT:dec