



## NOTICE OF SPECIAL MEETING OF THE BOARD OF DIRECTORS

### STRATEGIC WATER SUPPLY ASSESSMENT WORKING SESSION IV

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**MEETING DATE:** 06-14-2022

**TIME:** 7:30 p.m.

**LOCATION:** This meeting will be held virtually, pursuant to Assembly Bill (AB) 361.

To participate online, go to the following Zoom link: <https://us06web.zoom.us/j/82778321511>.

You can also participate by phone by calling **1-669-900-6833** and entering the **webinar ID#: 827 7832 1511**.

**PARTICIPATION DURING MEETINGS:** During the public comment periods, the public may comment by clicking the “raise hand” button on the bottom of the Zoom screen; if you are joining by phone and would like to comment, press \*9 and we will call on you as appropriate.

#### AGENDA ITEMS

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##### Discussion Item

- 1. Strategic Water Supply Assessment- Scenario Planning**  
*(Public Comments will occur at the end of the discussion)*

**Adjournment** (9:30 p.m. – Time Approximate)

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#### ADA NOTICE AND HEARING IMPAIRED PROVISIONS:

In accordance with the Americans with Disabilities Act (ADA) and California Law, it is Marin Water’s policy to offer its public programs, services, and meetings in a manner that is readily accessible to everyone, including those with disabilities. If you are an individual with a disability and require a copy of a public hearing notice, an agenda, and/or agenda packet in an appropriate alternative format, or if you require other accommodations, please contact Board Secretary Terrie Gillen at 415.945.1448, at least two days in advance of the meeting. Advance notification will enable the Marin Water to make reasonable arrangements to ensure accessibility.

INFORMATION AGENDAS ARE AVAILABLE FOR REVIEW AT THE CIVIC CENTER LIBRARY, CORTE MADERA LIBRARY, FAIRFAX LIBRARY, MILL VALLEY LIBRARY, MARIN WATER OFFICE, AND ON THE MARIN WATER WEBSITE (MARINWATER.ORG)

**FUTURE BOARD MEETINGS:**

- ❖ Thursday, June 16, 2022  
Watershed Committee/Board of Directors (Watershed) Meeting  
1:30 p.m.
- ❖ Friday, June 17, 2022  
Operations Committee/Board of Directors (Operations) Meeting  
9:30 a.m.
- ❖ Tuesday, June 21, 2022  
Board of Directors' Regular Bi-Monthly Meeting  
7:30 p.m.

  
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Board Secretary



## Informational Item

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**TO:** Board of Directors

**FROM:** Paul Sellier, Water Resources Director

**THROUGH:** Ben Horenstein, General Manager

**DIVISION NAME:** Operations

**ITEM:** Strategic Water Supply Assessment – Board Working Session IV

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### SUMMARY

In September 2021, the District faced historically low reservoir levels as result of a severe two-year drought. In response to this drought, the District pursued developing the Emergency Intertie Project under a CEQA Statutory Emergency Exemption. Water storage levels have greatly improved since then, allowing the District to pursue a full environmental analysis of the proposed intertie project under CEQA and to perform a comparative analysis on water supply resiliency solutions. The Strategic Water Supply Assessment will build upon extensive, previous planning efforts to evaluate supplemental water supply options that will address the impacts from hydrologic extremes such as droughts, with the result of this effort being a roadmap for implementation. During the meeting, the project team will provide the board a presentation on how the existing water system will respond to the full range of scenarios.

### DISCUSSION

The Strategic Water Supply Assessment will be additive to past planning efforts and is designed to update and integrate previous water supply planning efforts to comprehensively assess water supply resiliency in areas such as demand management, local storage, recycled water, and desalination. The Assessment will also seek to fill in gaps on water supply alternatives.

Scenario planning is the approach that the project team is using to help the District envision and plan for uncertainty around future hydrologic conditions. Traditional planning involves the use of past data to predict future conditions. Scenario planning recognizes that there are uncertainties that affect future water supply conditions that cannot accurately and individually be predicted. However, it is possible to construct a range of plausible future demand and water supply conditions. Identifying solutions that address a broad range of possible future hydrologic conditions will provide the District with the options and agility necessary to respond to uncertainties and to ensure water supply resiliency into the future.

The five scenarios under consideration are summarized in the table below. Based on each scenario, projected reservoir storage levels will be presented, and these baseline scenarios will

set the stage for understanding the stress placed on the District’s existing water resources and help to quantify the extent of any water supply deficit.

**Table 1 – Summary of Scenarios**

<b>Scenario</b>	<b>Hydro-climate</b>	<b>Demand</b>	<b>Operations</b>
<b>Current Trends</b>	Historical	Passive savings	Current Operations, local supply preference
<b>Accelerated Conservation</b>	Historical	Passive & program savings	Current Operations, local supply preference
<b>Short &amp; Severe Drought</b>	4-yr hypothetical drought	Passive & program savings	Current Operations, local supply preference
<b>Long &amp; Moderate Hypothetical Drought</b>	6-7-yr moderate drought	Passive & program savings	Current Operations, local supply preference
<b>Abrupt Disruptions</b>	4-yr hypothetical drought & event eg. wildfire	Passive & program savings	Operational disruption reduces production

Future presentations will incorporate scenarios that include the effects of additional operational protocols and alternative water supply options.

**FISCAL IMPACT**

None

**ATTACHMENT(S)**

None