

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the City Clerk's office at (310) 618-2780. Notification 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. [28CFR35.102-35.104 ADA Title II]

Direct questions or concerns to the Commission Liaison at (310) 618-2967 or individual department head prior to submission to the Commission. Parties will be notified if the complaint will be included on a subsequent agenda.

The Water Commission is an advisory body to the City Council that meets on the fourth Wednesday of each month at 7:00 p.m. All meetings are open to the public.

Staff reports are attached to the agenda and available for review online. Questions or concerns may be directed to Chuck Schaich at (310) 781-6900. Agendas and Minutes are posted on the City of Torrance Home Page www.TorranceCA.Gov.

**TORRANCE WATER COMMISSION AGENDA
MONDAY, NOVEMBER 29, 2021
ADJOURNED REGULAR MEETING
6:30 P.M.
WEST ANNEX COMMISSION MEETING ROOM
CITY HALL
AT 3031 TORRANCE BOULEVARD
TORRANCE, CA 90503**

**WATER COMMISSION MAY TAKE ACTION ON ANY ITEM
LISTED ON THE AGENDA**

1. CALL MEETING TO ORDER

ROLL CALL: Commission members Craft, Glass, Kawai, Masnek, Mattie, Siani, Chair Jay

2. FLAG SALUTE

3. REPORT OF THE PUBLIC WORKS STAFF ON THE POSTING OF THE AGENDA

The agenda was posted on the Public Notice Board at 3031 Torrance Bl. and on the City's Website on Wednesday, November 24, 2021

4. ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS

5. ORAL COMMUNICATIONS (Limited to a 30-minute period)

This portion of the meeting is reserved for public comment on items on the agenda or on topics of interest to the general public. Under the Ralph M. Brown Act, Commissioners cannot act on items raised during public comment but may respond briefly to statements made or questions posed; request clarification; or refer the item to staff. Speakers under this Public Comment period will have no longer than 3 minutes per speaker.

6. CONSENT CALENDAR

Matters listed under the Consent Calendar are considered routine and will be enacted by one motion and one vote. There will be no separate discussion of these items. If discussion is desired, that item will be removed by a Commissioner from the Consent Calendar and considered separately.

6A. Approval of Minutes

- I. Regular Meeting October 27, 2021

7. ADMINISTRATIVE MATTERS

Matters listed under Administrative Matters are considered separately. Comment by members of public on each is limited to a maximum of 2 minutes per item. Speakers must stay on topic and confine their comments to the item under consideration.

7A. Discussion – Update Regarding Drought Conditions in State and Water Supply Situation

Recommendation of the Deputy Public Works Director - Operations that the Water Commission accept and file this report.

7B. Oral Report – West Basin Water Association (WBWA)

Recommendation of the Deputy Public Works Director - Operations that the Water Commission accept and file this report.

7C. Discussion - Monthly Water Operations Report

Recommendation of the Deputy Public Works Director - Operations that the Water Commission accept and file this report.

8. METROPOLITAN WATER DISTRICT MATTERS

8A. Metropolitan Water District Director's Report.

9. COMMISSION AND STAFF ORAL COMMUNICATIONS

10. ADJOURNMENT

10A. Adjournment of the Water Commission Meeting to Wednesday January 26, 2022 at 6:30 p.m.

**MINUTES OF A REGULAR MEETING
OF THE TORRANCE WATER COMMISSION**

1. CALL MEETING TO ORDER

The Torrance Water Commission convened in a regular session at 7:00 p.m. on Wednesday, October 27, 2021 in the West Annex meeting room, Torrance City Hall.

ROLL CALL:

Present: Commissioners Craft, Glass, Kawai, Masnek, Siani, and Chairperson Jay.

Absent: Commissioner Mattie.

Also Present: Deputy Public Works Director Knapp, Senior Administrative Analyst Schaich, Metropolitan Water District Director Lefevre, and Administrative Analyst Portman.

2. FLAG SALUTE

Commissioner Craft led the Pledge of Allegiance.

3. REPORT OF THE PUBLIC WORKS STAFF ON THE POSTING OF THE AGENDA

Senior Administrative Analyst Schaich reported the agenda was posted on the Public Notice Board at 3031 Torrance Boulevard and on the City's Website on October 21, 2021.

4. ANNOUNCEMENT OF WITHDRAWN, DEFERRED, AND/OR SUPPLEMENTAL ITEMS – None.

5. ORAL COMMUNICATIONS

Charles Deemer distributed an October 25, 2021 Los Angeles Times article regarding drought-related projects in California.

6. CONSENT CALENDAR

6A. APPROVAL OF MINUTES: SEPTEMBER 22, 2021

MOTION: Commissioner Siani moved to approve the September 22, 2021 Water Commission meeting minutes as presented. Commissioner Kawai seconded the motion; a roll call vote reflected 6-0 approval (absent Commissioner Mattie).

7. ADMINISTRATIVE MATTERS

7A. DISCUSSION – DROUGHT CONDITIONS IN STATE AND WATER SUPPLY SITUATION

Recommendation of the Deputy Public Works Director – Operations that the Water Commission accept and file this report.

Senior Administrative Analyst Schaich reported there has been no appreciable change in the drought and water supply situation in California. He stated on July 19 Governor Newsom issued a revised Drought Declaration to include all of California, including the previously excluded MWD service area, which may lead to statewide mandatory water use restrictions. He noted the water level in major reservoirs is at historic lows, distributed Current Reservoir Conditions as of October 18, and answered Commissioner Siani's inquiry about how droughts are measured. He explained the difference between a drought condition and a water shortage situation, noting MWD's water reserves are sufficient in case of continued drought conditions.

7B. CONSIDERATION AND DISCUSSION – ACTIVATION OF LEVEL 1 OF THE CITY'S WATER CONSERVATION ORDINANCE

Recommendation of the Deputy Public Works Director – Operations that the Water Commission provide conceptual approval for activation of the Level 1 (stage 2) of the City's Water Conservation Ordinance and Conservation Program.

Senior Administrative Analyst Schaich provided a PowerPoint presentation on the Activation of Level 1 of the City's Water Conservation Ordinance and recommended the Commission take a position supporting its activation. He reviewed Water Supply Conditions, Drought Highlights and Impacts, History of Torrance's Water Conservation Ordinance, Governor's Actions, Current Permanent Baseline Conservation Stage, Level 1 Water Use Requirements, and Torrance Outreach Program. He stated the joint recommendation of the Commission and Public Works would be considered by City Council in December with proposed implementation in January 2022.

Discussion centered on wildfires, enhanced recycled water and signage, reduction targets and how baselines are determined, water conservation outreach, water tolerant landscaping, ways to help people understand what a 15% reduction equates to, and the planting of trees in the City.

MOTION: Commissioner Kawai moved to recommend conceptual approval for activation of the Level 1 (stage 2) of the City's Water Conservation Ordinance and Conservation Program. Commissioner Glass seconded the motion; a roll call vote reflected 6-0 approval (absent Commissioner Mattie).

Administrative Analyst Portman showed examples of Advertising and Outreach Materials that include video, print, outdoor, and social media.

Deputy Public Works Director Knapp stated a meeting is scheduled with California Water Service to coordinate outreach efforts.

7C. ORAL REPORT – WEST BASIN WATER ASSOCIATION (WBWA)

Recommendation of the Deputy Public Works Director – Operations that the Water Commission accept and file this report.

Senior Administrative Analyst Schaich reported at the last West Basin Water Association meeting the Water Replenishment District (WRD) reported groundwater pumping increased 20% over the past year. He stated there have been meetings with WRD's Technical Advisory Committee and Budget Advisory Committee regarding their five-year capital improvement program, remediation of contamination, and water replenishment assessment.

MOTION: Commissioner Kawai moved to accept and file the report on the West Basin Water Association meeting. Commissioner Glass seconded the motion; a roll call vote reflected 6-0 approval (absent Commissioner Mattie).

7D. DISCUSSION – MONTHLY WATER OPERATIONS REPORT

Recommendation of the Deputy Public Works Director – Operations that the Water Commission accept and file this report.

Deputy Public Works Director Knapp provided highlights from the attached Monthly Water Operations Report for September 2021. He discussed total potable water produced and imported, main breaks, and operations at the Goldsworthy Desalter facility. He distributed a chart of Number of Water Main Breaks 1974 – 2021 and stated the average main breaks per year is 50-60 and explained reasons why mains break.

MOTION: Commissioner Craft moved to accept and file the Monthly Water Operations Report for September 2021. Commissioner Kawai seconded the motion; a roll call vote reflected 6-0 approval (absent Commissioner Mattie).

8. METROPOLITAN WATER DISTRICT MATTERS

8A. METROPOLITAN WATER DISTRICT DIRECTOR’S REPORT

MWD Director Lefevre provided a PowerPoint update on Water Surplus and Drought Management. His presentation included how dry and hot it was this past year, the highly variable snowpack in both imported watersheds, the unprecedented warming trend, below average runoff, 2021 supply/demand balance and 2022 outlook, and coordination with Department of Water Resources on Health and Safety Needs. He also discussed comments made at the last MWD board meeting, leak detection, voluntary agreements regarding river flows, following agricultural land, 2022 workshops regarding the Bay Delta Strategic Plan, negotiations with the Bureau of Reclamation regarding a new operating regime for the Colorado River, the recent atmospheric river, and the status of plans for the tunnel.

9. COMMISSION AND STAFF ORAL COMMUNICATIONS

Members of the Commission, Senior Administrative Analyst Schaich, and Charles Deemer spoke.

10. ADJOURNMENT

MOTION: At 9:05 p.m., Chairperson Jay moved to adjourn the meeting to Monday, November 29, 2021 at 6:30 p.m. in the West Annex meeting room. Commissioner Glass seconded the motion, and hearing no objection, Chairperson Jay so ordered.

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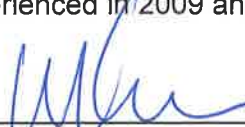
TO: WATER COMMISSION
FROM: MATTHEW KNAPP, DEPUTY PUBLIC WORKS DIRECTOR - OPERATIONS
SUBJECT: UPDATE REGARDING DROUGHT CONISITIONS IN STATE AND WATER SUPPLY SITUATION

Despite an early-season storm front in mid-October that hit Northern and Central California, the vast majority of the state remains in an extreme drought condition. Although this storm event (known as a cyclone bomb) provided some temporary relief to severely impacted drought stricken areas, it only raised depleted state reservoir by an incremental amount, as shown on the attached map. The principal reservoir on the State Water Project (SWP), Lake Oroville, is only at 29% of capacity. While the attached Water Supply Conditions Report looks more favorable at first glance, it should be noted that the current report only covers a period of less than two months of the current water year that began on October 1, 2021 and ends on September 30 2022.

The water years of 2020 and 2021 are the driest two-year sequence on record for precipitation in California. As indicated in our prior reports, the Metropolitan Water District only received a 5% allocation from the State Water Project (SWP) last year due very low snow pack and rainfall in the Sierra watershed, which provides the principal source of water for the SWP. Unless and until water supply conditions substantially improve, it is highly likely that California Department of Water Resources (DWR), which manages the SWP, will issue an initial zero percent allocation to all SWP agencies in December. This allocation is revised monthly based on current water conditions.

Given the scenario that California could be entering into a third consecutive drought year, MWD adopted a resolution at its Board of Director's meeting on November 9th declaring a Regional Drought Emergency, calling on all MWD member agencies to reduce water use with particular emphasis on lowering demand for State Project Water supplies. For nearly the last two years, Torrance has only received MWD imported water supplies from the Colorado River aqueduct.

The water situation at the current juncture is very fluid and uncertain. The advent of a third drought year would likely trigger MWD to implement mandatory rationing of imported supplies through the District's Water Supply Allocation Plan (WSAP). However, if precipitation in key state watershed areas is high in the winter months of December through March, this would likely provide sufficient water resources to avoid mandatory cutbacks, as experienced in 2009 and 2015. Staff will make a short presentation regarding this matter.



Matthew Knapp
Deputy Public Works Director - Operations

Roll Call: _____ **Craft** _____ **Glass** _____ **Kawai** _____ **Masnek**
_____ **Mattie** _____ **Siani** _____ **Chairperson Jay**



The Metropolitan Water District of Southern California

NEWS RELEASE

P. O. Box 54153, Los Angeles, California 90054-0153 • (213) 217-6485 • www.mwdh2o.com

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Maritza Fairfield, (213) 217-6853; (909) 816-7722, mobile, mfairfield@mwdh2o.com

Nov. 9, 2021

METROPOLITAN DECLARES DROUGHT EMERGENCY

Metropolitan Board of Directors calls for increased conservation and expands water-efficiency programs

With record dry conditions straining Southern California's water supplies, Metropolitan Water District's Board of Directors today declared a Drought Emergency and called for increased efforts to maximize conservation, especially in communities facing the greatest challenges.

The declaration comes as California grapples with unprecedented conditions on state water resources. Water years 2020 and 2021 were the driest two-year sequence on record for precipitation in the state. And in August, Lake Oroville – the main reservoir on the State Water Project – reached its lowest point ever since being filled in the 1970s.

As part of today's emergency declaration, Metropolitan's board called on its member agencies dependent on state project water to use increased conservation measures or other means to reduce their use of these limited supplies.

To help the region save water, the board also approved a series of measures to expand various rebate and water-efficiency programs.

"We need immediate action to preserve and stretch our limited State Water Project supplies," board Chairwoman Gloria D. Gray said. "Southern California on average gets about one-third of its water from Northern California via the state project. Next year, we'll be lucky to get a small fraction of that."

The California Department of Water Resources has indicated its initial SWP allocation next month will be zero. And if drought conditions continue, the state could do something it has never done before – provide only enough water as deemed necessary to protect the health and safety of Californians. Under this never-before-used provision of the SWP contract, the state has indicated it would constrain water deliveries to a level that may prevent any outdoor watering.

"We're reaching uncharted territory here and we need all Southern Californians to be part of the solution," Metropolitan General Manager Adel Hagekhalil said. "We need everyone to take action to reduce their water use immediately. This drought emergency declaration helps us all move in the same direction."

While the region's SWP supplies are particularly stressed this year, much of Southern California can turn to the Colorado River, local supplies and Metropolitan's stored water in the Colorado River system. This year, Metropolitan has taken extraordinary actions to preserve SWP supplies by instead delivering Colorado River water to as much of the region as possible. Metropolitan has rehabilitated the Greg Avenue Pump station, allowing Colorado River water to be pumped further west than it ever has before, into the San Fernando Valley and Southern Ventura County. Metropolitan member agencies, including Los Angeles Department of Water and Power, Three Valley Municipal Water District and West Basin Municipal Water District, have agreed to take deliveries of Metropolitan's treated Colorado River water, rather than the untreated water from the SWP they would normally receive. Metropolitan is negotiating similar arrangements with other member agencies.

Still, some areas of Southern California remain dependent on SWP supplies, including some communities in Los Angeles, Ventura and San Bernardino counties served by Los Angeles Department of Water and Power, Calleguas Municipal Water District, Las Virgenes Municipal Water District, Upper San Gabriel Valley Municipal Water District, Three Valleys Municipal Water District, and Inland Empire Utilities Agency.

"Our Colorado River supplies are finite as well – there is a drought on that system, too – so we need everyone to use water wisely. But the urgency now is on the State Water Project. That's why we're calling for increased conservation in those dependent areas," Gray said.

Today's declaration marks the latest in a series of actions Metropolitan has taken to ramp up conservation in the Southern California. In August, Metropolitan's board declared a Water Supply Alert for the region, calling for consumers and businesses to voluntarily reduce their water use and help preserve the region's storage reserves. Some of Metropolitan's member agencies have already gone a step further by implementing new mandatory conservation measures or maintaining past ones.

Under the expanded conservation programs approved today, Metropolitan will provide an additional \$5.5 million to install high-efficiency toilets in older apartment buildings; increase its turf replacement program rebate from \$2 to \$3 a square foot for public agencies that replace grass with more water-efficient landscaping; and provide an additional \$1.5 million for its program to directly install water-efficient devices for income-qualified customers. In addition, the board approved a new \$2.6 million grant program to help public agencies detect and repair leaks in their distribution systems.

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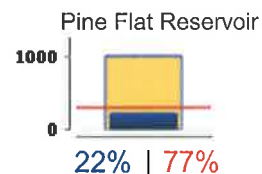
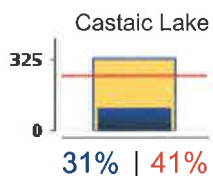
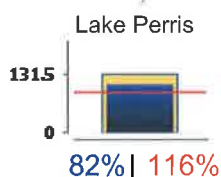
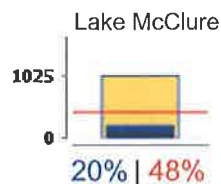
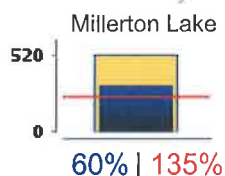
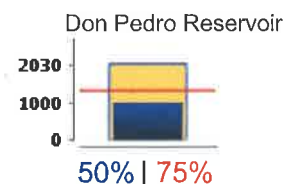
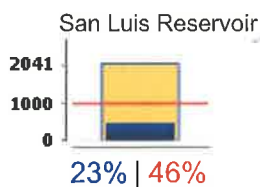
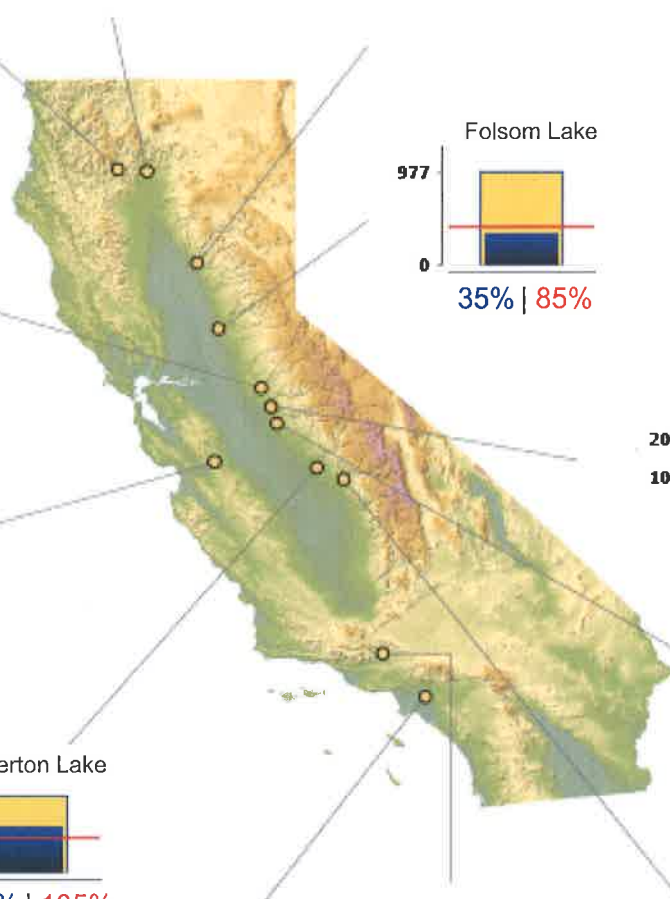
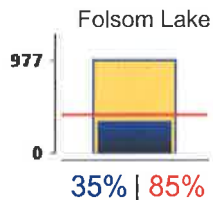
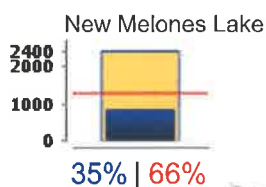
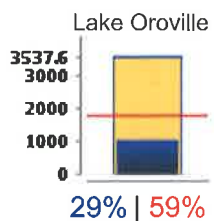
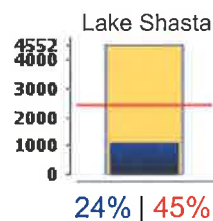
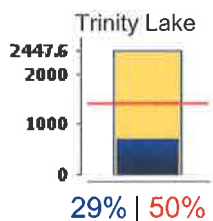
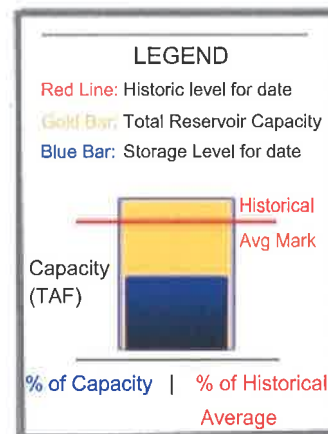
The Metropolitan Water District of Southern California is a state-established cooperative that, along with its 26 cities and retail suppliers, provide water for 19 million people in six counties. The district imports water from the Colorado River and Northern California to supplement local supplies, and helps its members to develop increased water conservation, recycling, storage and other resource-management programs.



CURRENT RESERVOIR CONDITIONS

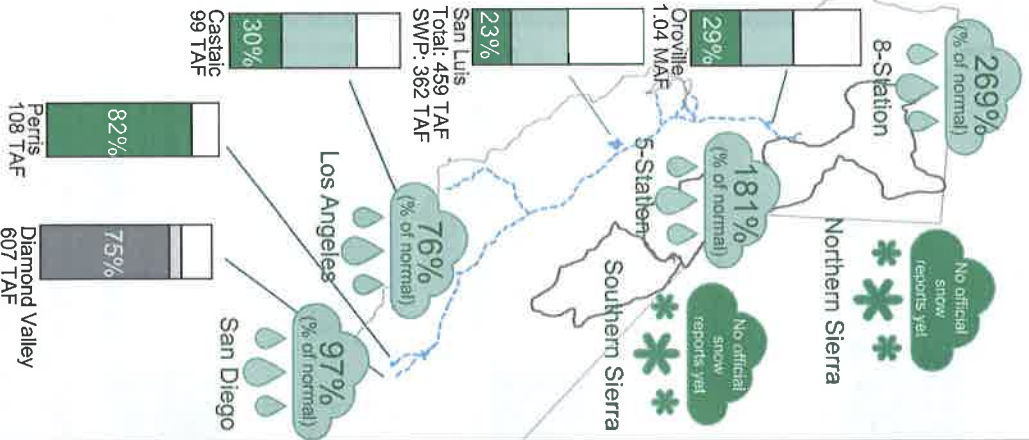
SELECTED WATER SUPPLY RESERVOIRS

Midnight: November 19, 2021



State Water Project Resources

SWP Table A – 5% - 95,575 AF



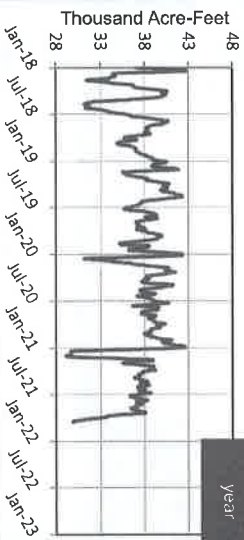
WATER SUPPLY CONDITIONS REPORT

Water Year 2021-2022
As of: November 17, 2021

Metropolitan Resources

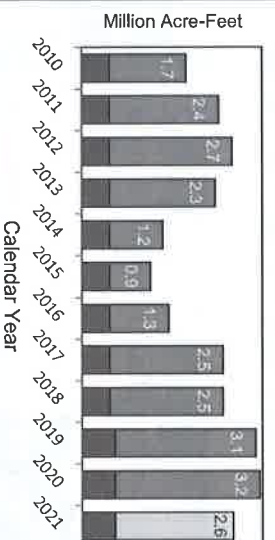
Lake Skinner Storage

Capacity: 43.8 TAF



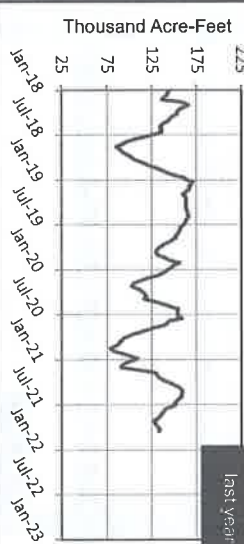
MWD Storage Reserve Levels

Potential Balance Storage Balance Emergency Storage



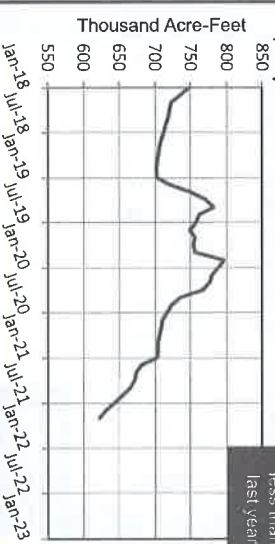
Lake Mathews Storage

Capacity: 162 TAF



Diamond Valley Lake Storage

Capacity: 810 TAF



Highlights

- The average water year full natural flow into Oroville during the new "normal" period (1991-2020) is 3.5% smaller than the average for the previous period (1966-2015)
- The average precipitation for the 5 Station index during the new "normal" (1991-2020) is practically the same as the average for the previous period (1966-2015)
- California Department of Water Resources will publish the initial 2022 SWP allocation on December 1

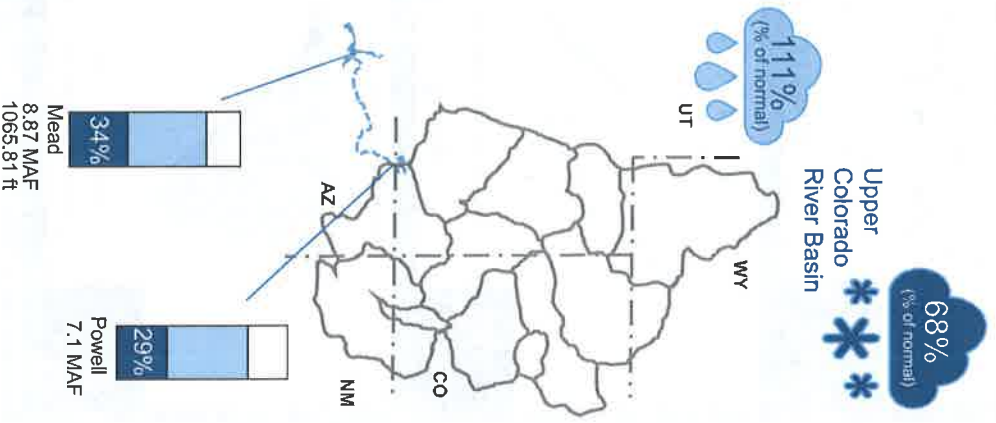


This report is produced by the Water Resource Management Group and contains information from various federal, state, and local agencies. The Metropolitan Water District of Southern California cannot guarantee the accuracy or completeness of the information. Readers should refer to the relevant state, federal, and local agencies for resolutions or for the most up to date water supply forecasts. Redwood, lakes, mountains, maps, waterheds, and all other visual representations on this report are not drawn to scale. Questions? Email: Info@mrwvz.com

<http://www.mrwvz.com/WWSGR>

Colorado River Resources

Projected CRA Diversions – 1,076,000 AF



TO: WATER COMMISSION
FROM: MATTHEW KNAPP, DEPUTY PUBLIC WORKS DIRECTOR - OPERATIONS
SUBJECT: WEST BASIN WATER ASSOCIATION (WBWA)

Staff will provide an oral report regarding the West Basin Water Association (WBWA) activities at the Commission meeting.



Matthew Knapp
Deputy Public Works Director - Operations

Roll Call: _____ Craft _____ Glass _____ Kawai _____ Masnek
_____ Mattie _____ Siani _____ Chairperson Jay

TO: WATER COMMISSION
FROM: MATTHEW KNAPP, DEPUTY PUBLIC WORKS DIRECTOR – OPERATIONS
SUBJECT: ACCEPT AND FILE MONTHLY WATER OPERATIONS REPORT FOR OCTOBER 2021

It is the recommendation of the Deputy Public Works Director - Operations that the Water Commission accept and file this report.

Monthly Water Department highlights for the month of October 2021 are:

1. Total potable water produced and imported from local sources is 1.7% lower than in October 2020. On a year-to-date basis, potable water is 3.7% lower than last year and total water produced from all sources, including recycled water is 1.5% lower than in 2020. There has been a moderate reduction in residential water use over the last several months compared to the prior year, which was heavily influenced by the work from home situation due to COVID-19.

Water Produced and Imported (Acre-feet)

Month: October

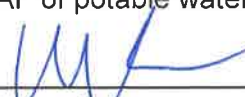
Water Source	Oct. 2020	Oct. 2021	Change
Potable Groundwater			
Wells*	154.7	168.4	8.9%
WRD Desalter*	309.4	322.8	4.3%
Subtotal	464.1	491.2	5.8%
Imported Potable			
MWD	1,271.1	1,214.3	-4.5%
Imported Recycled			
WBMWD	436.3	477.9	0.1%
Total Produced/Imported			
All Potable Sources	1,735.2	1,705.5	-1.7%
All Sources + Recycled	2,171.5	2,183.4	0.5%

Year to Date: 2020 vs 2021

Water Source	2020 YTD	2021 YTD	Change
Potable Groundwater			
Wells	1,394.1	1,493.4	7.1%
WRD Desalter	2,193.6	2,276.0	3.8%
Subtotal	3,587.7	3,769.4	5.1%
Imported Potable			
MWD	12,522.5	11,742.9	-6.2%
Imported Recycled			
WBMWD	4,469.7	4,756.6	6.4%
Total Produced/Imported			
All Potable Sources	16,110.2	15,512.3	-3.7%
All Sources + Recycled	20,579.9	20,268.9	-1.5%

*data estimate based on production reads

2. There was 1 water main break for the month of October 2021 compared to 8 during the same period in 2020. Total main breaks for calendar year 2021 are 42 compared to 36 last year. The major reason for this disparity is because we experienced an extremely low incidence of main breaks during the first six months of 2020.
3. Currently, the Goldsworthy Desalter is operating at a near optimum level with both brackish wells and treatment trains functioning near full capacity. Based on current operating conditions, the Desalter is projected to produce an average of 3,500 to 4,000 AF of potable water per year.


 Matthew Knapp
 Deputy Public Works Director - Operations

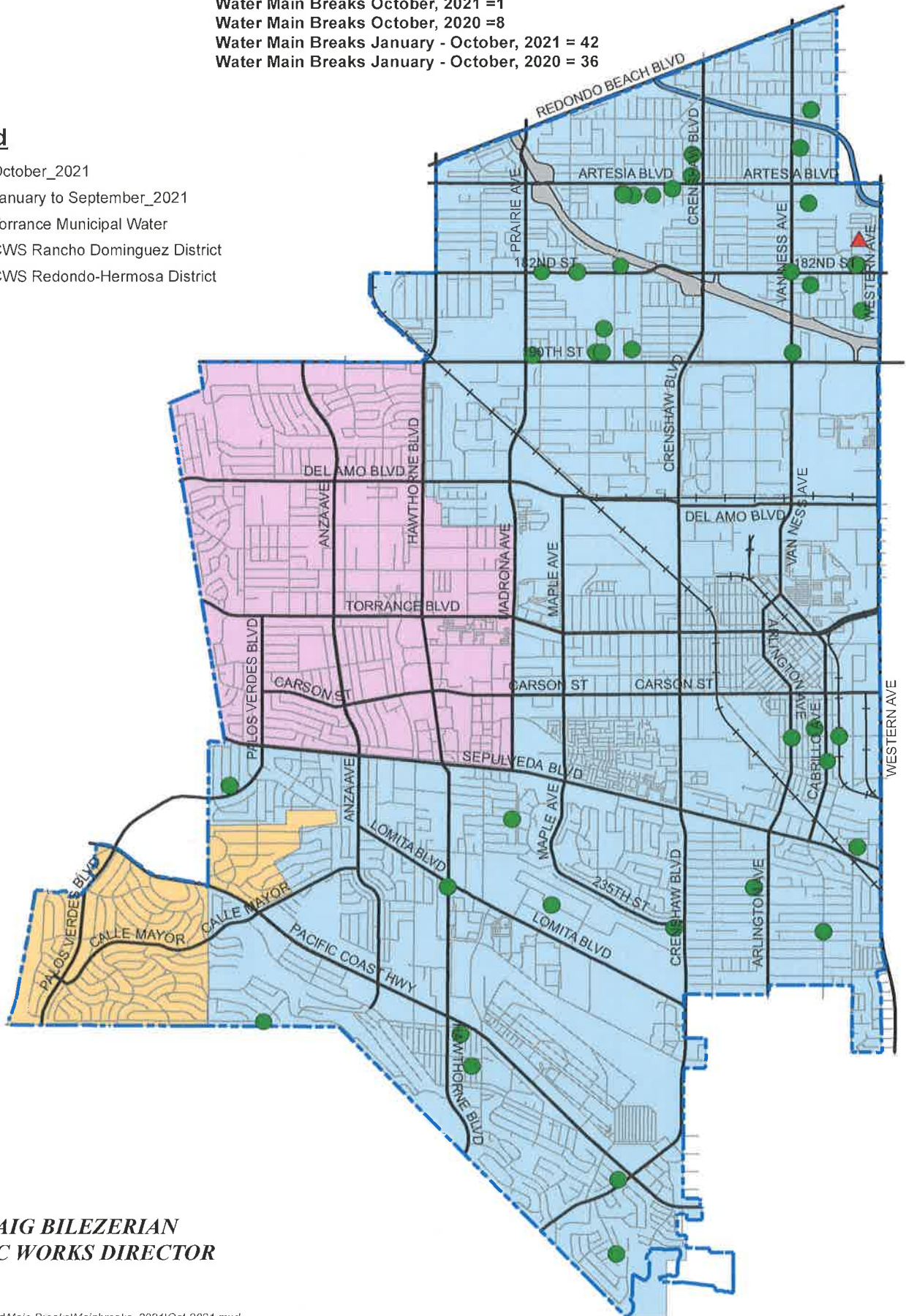
Roll Call: _____ **Craft** _____ **Glass** _____ **Kawai** _____ **Masnek**
 _____ **Mattie** _____ **Siani** _____ **Chairperson Jay**

TORRANCE MUNICIPAL WATER WATER MAIN BREAKS 2021

Water Main Breaks October, 2021 = 1
 Water Main Breaks October, 2020 = 8
 Water Main Breaks January - October, 2021 = 42
 Water Main Breaks January - October, 2020 = 36

Legend

- ▲ October_2021
- January to September_2021
- Torrance Municipal Water
- CWS Rancho Dominguez District
- CWS Redondo-Hermosa District



CRAIG BILEZERIAN
PUBLIC WORKS DIRECTOR

TO: WATER COMMISSION
FROM: MATTHEW KNAPP, DEPUTY PUBLIC WORKS DIRECTOR - OPERATIONS
SUBJECT: METROPOLITAN WATER DISTRICT DIRECTOR'S REPORT

The City's representative on the Metropolitan Water District's (MWD) Board of Directors, Russ Lefevre, will provide a presentation at the Commission meeting on the Lower Colorado River Basin Drought Contingency Plan. As we have reported in prior Commission meetings, the Colorado River (CR) watershed is in the midst of over a 20-year dry period, which has reduced the level of Lake Mead to its lowest point since the reservoir was filled in the 1930s. This has a number of implications regarding the Drought Contingency Plan for the lower CR Basin states including California, Arizona and Nevada that the presentation will address.



Matthew Knapp
Deputy Public Works Director - Operations

Roll Call: _____ **Craft** _____ **Glass** _____ **Kawai** _____ **Masnek**
_____ **Mattie** _____ **Siani** _____ **Chairperson Jay**