



Water Shortage Contingency Plan

Draft

MAY 2021

WEST BASIN MUNICIPAL WATER DISTRICT



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MANAGEMENT INC.

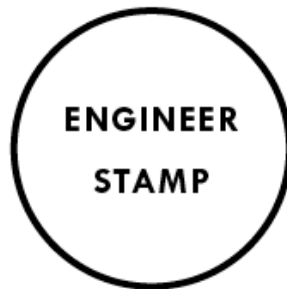




WEST BASIN MUNICIPAL WATER DISTRICT

Water Shortage Contingency Plan

MAY 25, 2021



Prepared by Maddaus Water Management, Inc and Water Systems Consulting, Inc.



ACKNOWLEDGMENTS

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ACRONYMS & ABBREVIATIONS

ACWA	Association of California Water Agencies
CWC	California Water Code
DRP	Drought Rationing Plan
DWR	California Department of Water Resources
IAWP	Interim Agricultural Water Program (Met)
Metropolitan	Metropolitan Water District of Southern California
UWMP	Urban Water Management Plan
WCGB	West Coast Groundwater Basin
WRD	Water Replenishment District
WSAP	Water Supply Allocation Plan
WSCP	Water Shortage Contingency Plan
WSDM	Water Shortage and Demand Management
WUE	Water Use Efficiency
West Basin	West Basin Municipal Water District

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WATER SHORTAGE CONTINGENCY PLAN

Introduction and WSCP Overview

The Water Shortage Contingency Plan (WSCP) is a strategic planning document designed to prepare for and respond to water shortages.

This WSCP complies with California Water Code (CWC) Section 10632, which requires that every urban water supplier prepare and adopt a WSCP as part of its urban water management plan (UWMP). This level of detailed planning and preparation is intended to help maintain reliable supplies and reduce the impacts of supply interruptions.

IN THIS SECTION

- WSCP Overview and Organization
- Integration to Other Planning Efforts

West Basin Municipal Water District (West Basin) uses its WSCP as an operating manual to prevent catastrophic service disruptions through proactive, rather than reactive, management. A water shortage — when water supply availability is insufficient to meet the normally expected customer water use at a given point in time — may occur because of a number of reasons, such as drought, climate change, or catastrophic events. This WSCP provides a structured guide for West Basin to deal with temporary water shortages, incorporating prescriptive information and standardized action levels along with implementation actions, in the event of a catastrophic supply interruption. This allows West Basin’s governing body, its staff, and retail agencies to easily identify and efficiently implement predetermined steps to manage a water shortage with predictability and accountability. A well-structured WSCP also allows for real-time water supply availability assessments and structured steps designed to respond to actual conditions.

The WSCP also describes West Basin's procedures for conducting an Annual Water Supply and Demand Assessment (Annual Assessment), which is required by CWC Section 10632.1. Starting in 2022, the Annual Assessment is due to the California Department of Water Resources (DWR) on or before July 1 of each year or within 14 days of receiving final allocations from the State Water Project, whichever is later. West Basin's 2021 WSCP is created as a separate plan, but is included as an attachment to its 2020 UWMP, which will be submitted to DWR by July 1, 2021 (West Basin Municipal Water District, June 2021). However, the 2021 WSCP can be amended, as needed, without amending the UWMP. It is important to note that the CWC does not prohibit an urban water supplier from taking actions not specified in its WSCP, if needed, without having to formally amend its UWMP or WSCP.

1.1 Water Shortage Contingency Plan Requirements and Organization

The WSCP provides the steps and water-shortage response actions to be taken in times of water-shortage conditions.

Each WSCP has prescriptive elements, such as:

- An analysis of water supply reliability
- The water-shortage response actions for each of the six standard water-shortage levels, which correspond to water-shortage percentages ranging from 10% to greater than 50%
- An estimate of potential demand reduction for each measure to close an anticipated water supply gap
- Protocols and procedures to communicate identified actions for any current or predicted water-shortage conditions
- Procedures for an Annual Water Supply and Demand Assessment
- Reevaluation and improvement procedures for evaluating the WSCP

This WSCP is organized into three main sections, with Section 3 aligned with the CWC Section 10632 requirements:

Section 1 Introduction and WSCP Overview – provides an overview of the WSCP fundamentals.

Section 2 Background Information – provides details on West Basin's water service area, including a description and map of the service area and retail water agencies served by West Basin.

Section 3 Water Shortage Contingency Preparation and Response – provides significant details regarding water shortage preparation and response as outlined further in the Section 3 subsections.

- **Section 3.1 Water Supply Reliability Analysis** – provides a summary of the water supply analysis and water reliability findings from the 2020 UWMP.
- **Section 3.2 Annual Water Supply and Demand Assessment Procedures** – provides a description of procedures to conduct and approve the Annual Assessment.
- **Section 3.3 Six Standard Water Shortage Levels** – explains the WSCP's six standard water-shortage levels, corresponding to progressive water-shortage ranges from up to 10% to more than 50%.

- **Section 3.4 Shortage Response Actions** – describes the WSCP’s shortage response actions that align with the defined shortage levels.
- **Section 3.5 Communication Protocols** – addresses communication protocols and procedures to inform retail agencies; the public; interested parties; and local, regional, and state governments regarding any current or predicted shortages and any resulting shortage response actions.
- **Section 3.6 Compliance and Enforcement** – is not required by wholesale water providers.
- **Section 3.7 Legal Authorities** – describes the legal authorities that enable West Basin to implement and enforce its shortage response actions.
- **Section 3.8 Financial Consequences of the WSCP** – provides a description of the financial consequences of and responses to drought conditions.
- **Section 3.9 Monitoring and Reporting** – is not required by wholesale water providers.
- **Section 3.10 WSCP Refinement Procedures** – addresses reevaluation and improvement procedures for monitoring and evaluating the functionality of the WSCP.
- **Section 3.11 Special Water Feature Distinction** – is not required by wholesale water providers.
- **Section 3.12 Plan Adoption, Submittal, and Implementation** – provides a record of the process West Basin followed to adopt and implement its WSCP.

Section 3.6, Section 3.9, and Section 3.11 are not required to be completed by wholesale water suppliers like West Basin. However, West Basin will provide ongoing support to its retail agencies to comply with these sections in the agencies’ own individual WSCPs.

1.2 Integration with Other Planning Efforts

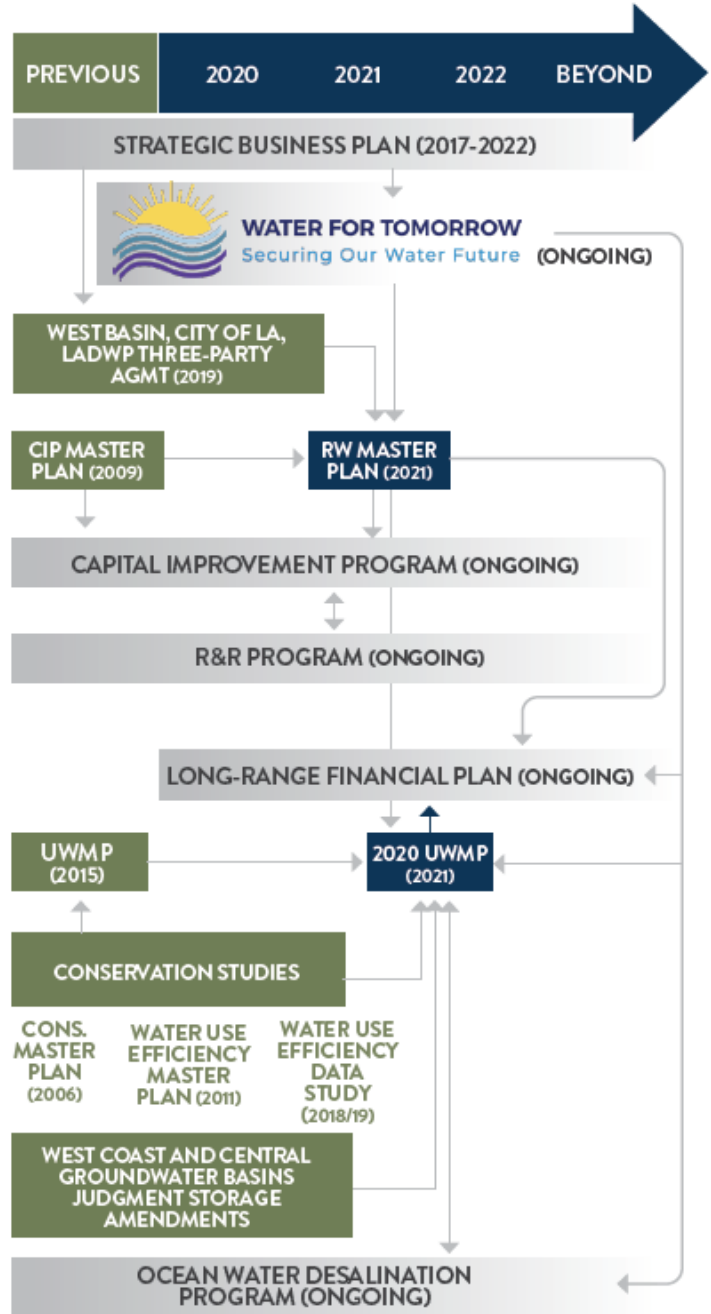
West Basin previously prepared UWMPs 2005, 2010, and 2015 to comply with the Urban Water Management Planning Act originally created in 1983¹. The 2020 UWMP and 2021 WSCP serve as an update to the most recently adopted 2015 UWMP and comply with new requirements and regulations. In addition to completing the 2020 UWMP and 2021 WSCP, West Basin is currently updating its Recycled Water Master Plan (RWMP) and implementing its Capital Improvement Program, Rehabilitation and Replacement (R&R) plan, Long-Range Financial Plan, Strategic Business Plan, Water for Tomorrow Program, and Ocean Water Desalination Program. **Figure 1-1** shows previous and ongoing planning efforts and their relation to the 2020 UWMP update and the 2021 WSCP.

¹ The requirements for UWMPs are found in two sections of California Water Code, [§10610-10656](#) and [§10608](#). Every urban water supplier that either provides over 3,000 acre-feet of water annually, or serves more than 3,000 urban connections is required to submit an UWMP.

West Basin also relied on many key planning documents that aided in the preparation of this WSCP, including:

- Metropolitan’s 2020 WSCP
- Metropolitan’s Draft 2020 UWMP
- Metropolitan’s 2020 Integrated Resources Plan (under development)
- West Basin’s Water Use Efficiency Study
- Central Basin Watermaster Report 2019
- West Basin Watermaster Report 2019
- WRD’s Engineering and Survey Report 2020
- West Basin’s 2015 Drought Rationing Plan
- West Basin’s Draft 2021 Recycled Water Master Plan
- DWR’s 2019 State Water Project Delivery Capability Report
- WRD’s Regional Groundwater Monitoring Report Water Year 2019–2020

Figure 1-1. Previous and Ongoing Planning Efforts



2 WATER SHORTAGE CONTINGENCY PLAN

Background Information

This chapter discusses West Basin’s service area, water supplies, and its relationship with Metropolitan Water District of Southern California (Metropolitan).

West Basin is a wholesale water agency in southwestern Los Angeles County that provides imported drinking water to 17 cities and unincorporated areas of Los Angeles County throughout its 185-square-mile service area.

In addition, West Basin supplies recycled water to more than 450 customer sites for municipal, commercial, and industrial use, as well as for injection into the West Coast Basin Seawater Barrier to protect against seawater intrusion and replenish the West Coast Groundwater Basin (West Coast Basin). West Basin also supplies imported water to the Dominguez Gap Barrier to protect against seawater intrusion and replenish the West Coast Basin.

IN THIS SECTION

- Background Information
- Relationship with Metropolitan

2.1 General Description

An innovative public agency, West Basin is a recognized leader in the production of recycled water, conservation, and educational programs. West Basin was established by a vote of the people in 1947 to help mitigate over pumping in the West Coast Basin by providing the growing region with imported water. West Basin became a member agency of Metropolitan in 1948 to purchase, on a wholesale level, potable water imported from the Colorado River. Today, West Basin supplies imported water to local municipalities, investor-owned utilities, and one county waterworks district as a means of supplementing local water resources.

West Basin and its retail agencies operating within West Basin's service area develop local supplies, including groundwater, brackish desalination, and recycled water. In addition, a blend of recycled and imported water is injected into the West Coast Basin Barrier and the Dominguez Gap Barrier to protect local groundwater supplies from seawater contamination and replenish the aquifer.

West Basin is the fourth-largest member agency of Metropolitan, which makes its participation on the Metropolitan Board of Directors critical to representing the interests of West Basin's retail agencies on regional water issues. West Basin's Board of Directors appoints two representatives to serve on the 38-member Metropolitan Board of Directors.

West Basin is governed by an elected, five-member Board of Directors, which guides the mission and policy of West Basin. Each director is elected to serve four-year terms and represent one of five divisions, totaling over 800,000 residents living in the West Basin service area. Current West Basin directors are shown in **Figure 2-1**, and the cities and communities within their associated divisions are described below.

Figure 2-1. West Basin Board of Directors



Harold C. Williams
Division I



Gloria D. Gray
Division II



Desi Alvarez
Division III



Scott Houston
Division IV



Donald L. Dear
Division V

Division I: Cities of Carson, Palos Verdes Estates, Rancho Palos Verdes, Rolling Hills Estates, Rolling Hills, and unincorporated Los Angeles County areas of Rancho Dominguez.

Division II: City of Inglewood and unincorporated Los Angeles County areas of Lennox, South Ladera Heights, West Athens, and Westmont.

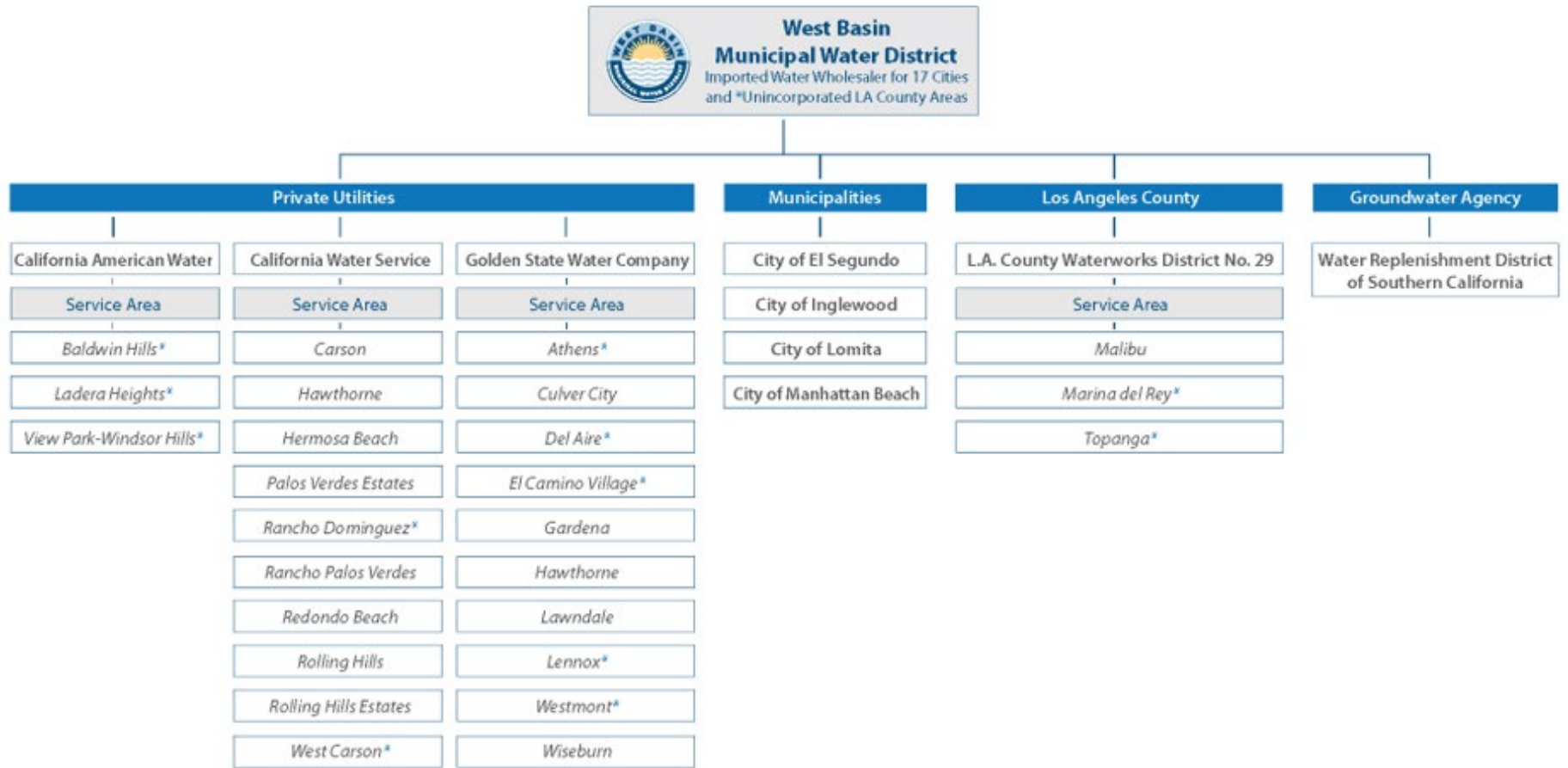
Division III: Cities of Hermosa Beach, Lomita, Manhattan Beach, Redondo Beach, and a portion of Torrance.

Division IV: Cities of Culver City, El Segundo, Malibu, and West Hollywood, and unincorporated Los Angeles County areas of Del Aire, Lennox, Marina del Rey, North Ladera Heights, Topanga, View Park, Windsor Hills, and Wiseburn.

Division V: Cities of Gardena, Hawthorne, Lawndale, and unincorporated Los Angeles County area of El Camino Village.

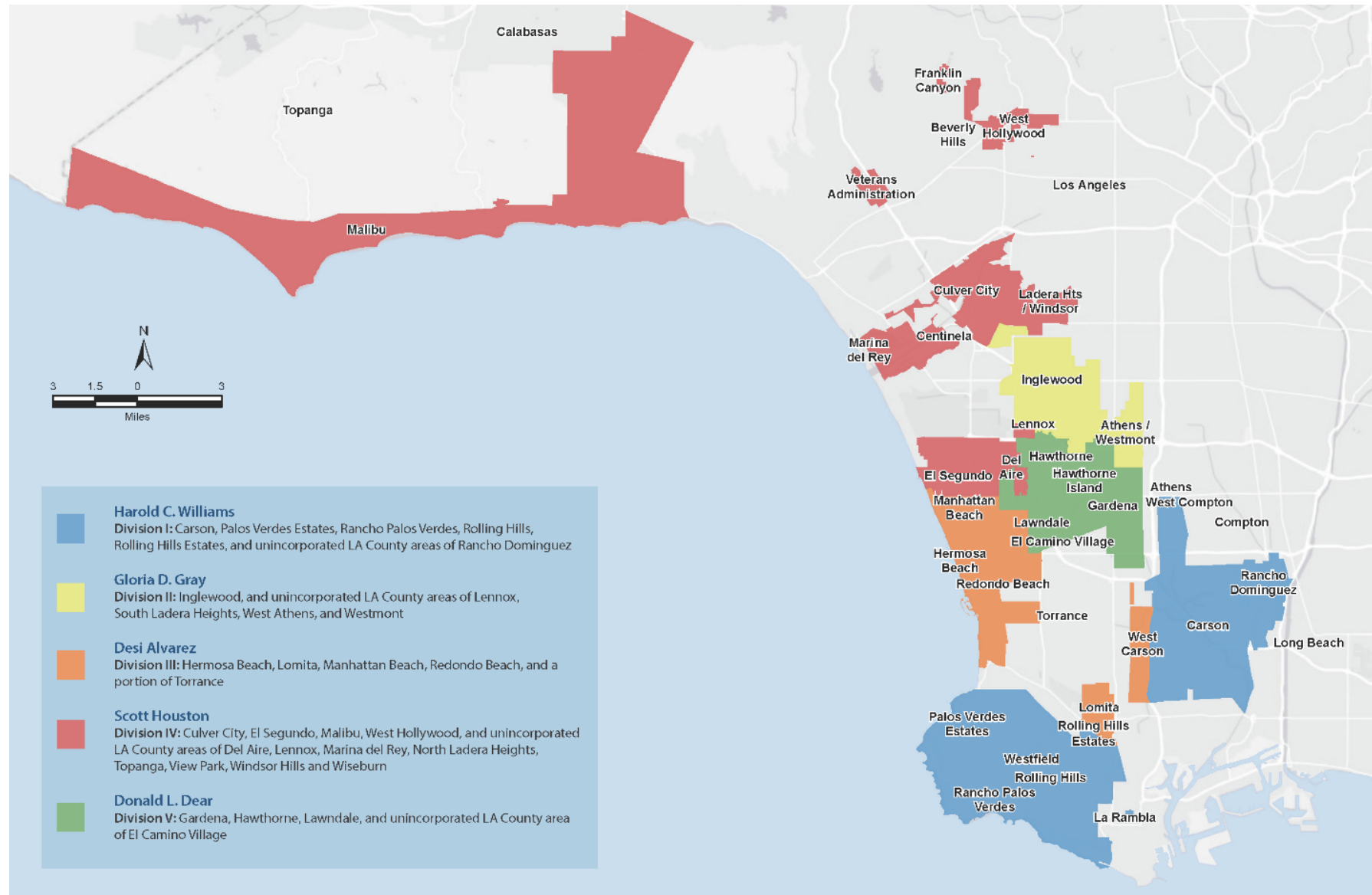
Today, West Basin provides wholesale potable water to three investor-owned utilities, four municipalities, one county waterworks district, and one groundwater agency. The relationship between West Basin and its retail agencies is illustrated in **Figure 2-2**. A map of West Basin's service area as delineated by Director divisions is shown in **Figure 2-3**.

Figure 2-2. West Basin Retail Agencies



Source: West Basin.

Figure 2-3. West Basin Service Area



Source: West Basin.

In the major drought of the late 1980s and early 1990s, West Basin’s visionary Board of Directors led the agency in developing new local water supplies, including wastewater recycling for irrigation and industrial use, and implementing effective conservation and water efficiency programs.

Today, West Basin’s Water for Tomorrow Program helps guide West Basin’s approach to ensuring the reliability of the region’s water future by focusing on the following principles:

- Protect West Basin’s existing water supply
- Diversify and augment the water supply portfolio
- Innovate to prepare for the future

West Basin continuously demonstrates its commitment to being an industry leader by exploring new methods and innovative technologies to enhance the region’s water supply, with the mission to “provide a safe and reliable supply of high-quality water to the communities we serve.” West Basin ensures water reliability for service area residents and businesses through balanced and affordable supply diversification: maximizing water recycling, expanding water efficiency and conservation efforts, desalting brackish groundwater, and evaluating desalinated ocean water.

West Basin is dedicated to serving all of its communities by seeking increased reliability of imported water, more opportunities for groundwater projects, and additional exploration of alternative local water supplies such as both potable and non-potable water reuse and desalination.

West Basin currently manages a diverse water supply portfolio that includes imported water from Northern California and the Colorado River, locally produced recycled water, desalted groundwater, and conserved water. Additionally, West Basin is researching ocean water desalination as a potential future drought-proof supply of drinking water. The water supply types that West Basin provides to its retail agencies are detailed in **Table 2-1**.

Table 2-1. Types of Water Supplied to West Basin Retail Agencies

RETAIL AGENCY	POTABLE WATER	RECYCLED WATER	DESALTED GROUNDWATER
City of El Segundo	✓	✓	
City of Inglewood	✓	✓	
City of Lomita	✓		
City of Manhattan Beach	✓	✓	
LA County Waterworks District 29	✓		
Cal American Water	✓		
California Water Service	✓	✓	✓
Golden State Water Company	✓	✓	
Water Replenishment District	✓	✓	

Many of West Basin’s retail agencies also pump groundwater supplies from the West Coast Basin to help meet their demands. In addition, California Water Service delivers a small amount of water from West Basin’s C. Marvin Brewer Desalter, which treats brackish groundwater from the West Coast Basin for drinking water use.

Relationship to Metropolitan Water District of Southern California

Metropolitan is the largest water wholesaler for domestic and municipal uses in California, serving approximately 19 million customers. Metropolitan provides wholesale imported water supplies to 26 member-agency cities and water districts in six Southern California counties. Its service area covers the Southern California coastal plain, extending approximately 200 miles along the Pacific Ocean, from the City of Oxnard in the north to the international boundary with Mexico in the south. This encompasses 5,200 square miles and includes portions of Los Angeles, Orange, Riverside, San Bernardino, San Diego, and Ventura counties. Approximately 85% of the population from the aforementioned counties reside within Metropolitan's boundaries.

Metropolitan is governed by a Board of Directors composed of 38 appointed individuals, with a minimum of one representative from each of Metropolitan's 26 member agencies. The allocation of directors and voting rights are determined by each agency's assessed valuation. Each member of the Board is entitled to cast one vote for each \$10 million of assessed valuation of property taxable for district purposes, in accordance with Section 55 of the Metropolitan Water District Act.¹ Directors can be appointed through the chief executive officer of the member agency or by a majority vote of the governing board of the agency. Directors are not compensated by Metropolitan for their service.

Metropolitan is responsible for importing water into the region through its operation of the Colorado River Aqueduct and its contract with the State of California for State Water Project supplies. Major imported water aqueducts bringing water to Southern California. Member agencies receive water from Metropolitan through various delivery points and pay for service through a rate structure made up of volumetric rates, capacity charges, and readiness-to-serve charges. Every April, member agencies provide estimates of imported water demand to Metropolitan regarding the amount of water they anticipate they will need to meet their demands for the next five years. Metropolitan's approach to addressing water shortages is described in Section 2.3, and Metropolitan's Water Supply Allocation Plan (WSAP) is included in Metropolitan's Water Shortage Contingency Plan (WSCP) presented in **Attachment A**.

2.1.1 Overview of West Basin and Metropolitan

In 1948, West Basin became a member agency of Metropolitan and, as such, began wholesaling imported water from the Colorado River. Today, West Basin is the fourth-largest member agency of Metropolitan and is allowed two representatives on the Metropolitan Board of Directors. In 2021, Gloria D. Gray and Harold C. Williams served as West Basin's designated representatives to the Metropolitan Board, with Director Gray serving in the role of Metropolitan Board president. West Basin's participation on the Metropolitan Board is critical to representing West Basin's retail agency interests on regional water issues, especially with regard to imported water supplies. **Figure 2-4** illustrates the relationship West Basin has with Metropolitan and its customer agencies to provide the region with diversified and integrated water supplies.

As a member agency of Metropolitan, West Basin works closely with Metropolitan and its other member agencies to plan and implement various water resources and water efficiency programs throughout the region. Metropolitan has long supported West Basin's efforts to diversify its local water resources through the development of recycled water, groundwater augmentation, and conservation programs. Metropolitan's investment in West Basin's local programs has significantly increased the water supply reliability of coastal Los Angeles County by increasing sustainable water supplies and reducing demand on imported water supplies.

¹ More information is available online: <http://www.mwdh2o.com/WhoWeAre/MWDAct>

Figure 2-4. West Basin Service Area Water Supplies



2.2 Relationship with Metropolitan Water Shortage Planning

The WSCP is designed to be consistent with Metropolitan’s Water Shortage and Demand Management (WSDM) Plan, Metropolitan’s WSAP, West Basin’s Drought Rationing Plan, and other regional and local emergency response plans. West Basin’s DRP is available in **Attachment B**.

Metropolitan’s WSAP and West Basin’s DRP are integral to the WSCP’s shortage response strategy. Should Metropolitan determine that supply augmentation and demand reduction actions are insufficient to meet projected supply needs, it would declare a shortage exists and assign a water-shortage level needed to meet West Basin’s service area’s reduced demands. Likewise, West Basin would need to further assess the shortage conditions within its service area to meet retail agency demands and, as required, activate the West Basin DRP to invoke appropriate water shortage level conditions (described further in **Section 2.2.3**).

2.2.1 Metropolitan Water Surplus and Drought Management Plan

Annually, Metropolitan evaluates the levels of available supplies and water in storage to determine the appropriate management stage, as outlined in the WSDM Plan. Each stage is associated with specific resource management actions to avoid extreme shortages when possible and minimize adverse impacts to retail customers should an extreme shortage occur. The sequencing outlined in the WSDM Plan reflects anticipated responses to Metropolitan’s existing and expected resource mix.

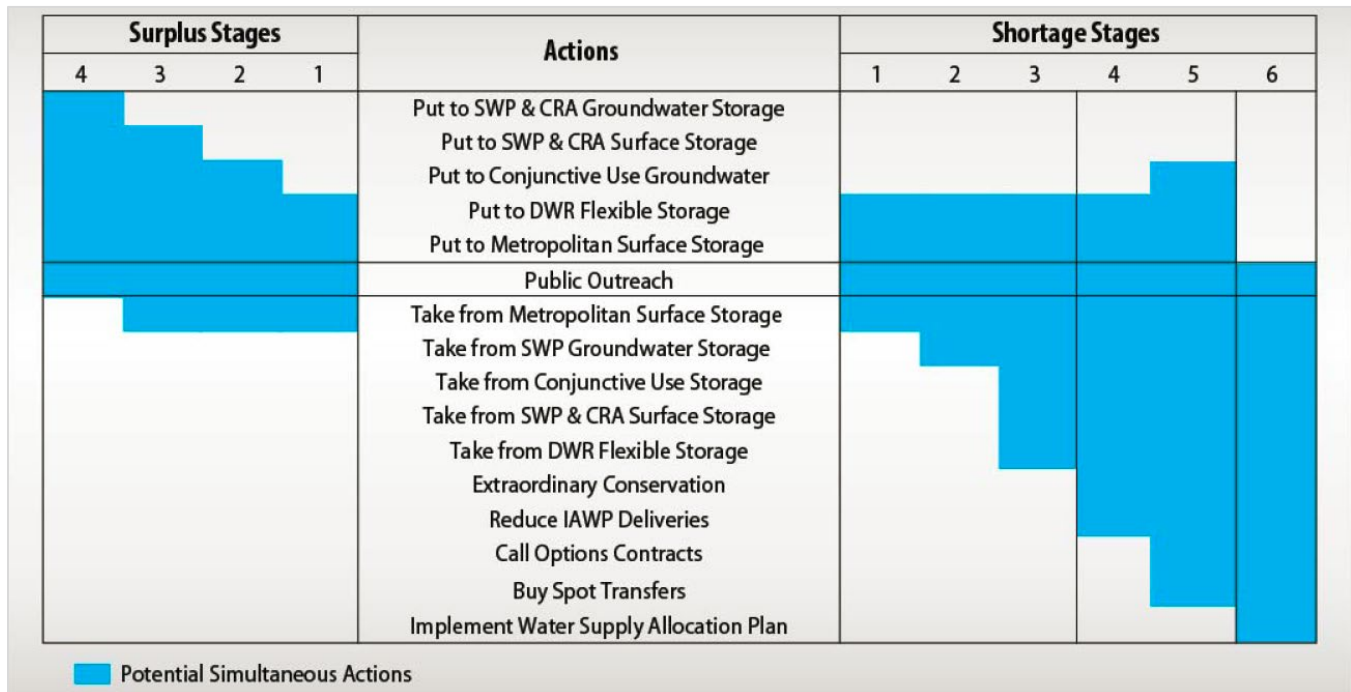
Surplus stages occur when net annual deliveries can be made to water storage programs. Under the WSDM Plan, there are four surplus management stages that provide a framework for actions to take for surplus supplies. Deliveries in Diamond Valley Lake and in State Water Project terminal reservoirs continue through each surplus stage, provided there is available storage capacity. Withdrawals from Diamond Valley Lake for regulatory purposes or to meet seasonal demands may occur in any stage.

The WSDM Plan distinguishes between shortages, severe shortages, and extreme shortages, as defined below:

- **Shortage:** Metropolitan can meet full-service demands and partially meet or fully meet interruptible demands using stored water or water transfers as necessary (**Stages 1, 2, and 3**).
- **Severe Shortage:** Metropolitan can meet full-service demands only by using stored water, using transfers, and possibly calling for extraordinary conservation (**Stages 4 and 5**).
- **Extreme Shortage:** Metropolitan must allocate available supply to full-service customers (**Stage 6**).

There are six shortage management stages to guide resource management activities. These stages are defined by shortfalls in imported supply and water balances in Metropolitan’s storage programs. When Metropolitan must make net withdrawals from storage to meet demands, it is considered to be in a shortage condition. **Figure 2-5** gives a summary of actions under each surplus and shortage stage when an allocation plan is necessary to enforce mandatory cutbacks. The goal of the WSDM Plan is to avoid Stage 6, an extreme shortage.

Figure 2-5. Surplus and Shortage Stages, Anticipated Actions, and Supply Declarations



Source: Metropolitan, WSDM Plan, 1999
 Note: IAWP = Interim Agricultural Water Program.

Metropolitan’s Board of Directors adopted a Water Supply Condition Framework in June 2008 to communicate the urgency of the region’s water supply situation and the need for further water conservation practices (Metropolitan Water District of Southern California, June 2008). The framework has four conditions, each calling for increasing levels of conservation.

Descriptions of the four conditions are listed below:

- **Baseline Water Use Efficiency:** ongoing conservation, outreach, and recycling programs to achieve permanent reductions in water use and build storage reserves
- **Condition 1 Water Supply Watch:** local agency voluntary dry-year conservation measures and use of regional storage reserves
- **Condition 2 Water Supply Alert:** regional call for cities, counties, member agencies, and retail water agencies to implement extraordinary conservation through drought ordinances and other measures to mitigate use of storage reserves
- **Condition 3 Water Supply Allocation:** implementation of Metropolitan’s WSAP

As noted in Condition 3, should supplies become limited to the point where imported water demands cannot be met, Metropolitan would allocate water through the WSAP (Metropolitan Water District of Southern California, May 2021) (Metropolitan Water District of Southern California, May 2021).

2.2.2 Metropolitan Water Supply Allocation Plan

Metropolitan's imported supplies have been impacted by a number of water supply challenges, as noted earlier. In the case of extreme water shortage within its service area, Metropolitan may determine it is necessary to implement its WSAP.

Metropolitan's Board of Directors adopted the WSAP in February 2008 to fairly distribute a limited amount of water supply, applying it through a detailed method to reflect a range of local conditions and needs of the region's retail water consumers. The WSAP includes the specific formula for calculating member agency supply allocations and the key implementation elements needed for administering an allocation. Metropolitan's WSAP is the foundation for the urban water shortage contingency analysis required under CWC Section 10632 and is part of Metropolitan's 2020 UWMP (Metropolitan Water District of Southern California, May 2021).

Metropolitan's WSAP was developed in consideration of the principles and guidelines in Metropolitan's 1999 WSDM Plan, with the core objective of creating an equitable "needs-based allocation." (Metropolitan Water District of Southern California, August 1999) The WSAP's formula seeks to balance the impacts of a shortage at the retail level while maintaining equity on the wholesale level for shortages of Metropolitan supplies up to 50%. The formula takes into account a number of factors, such as the impact on retail customers, growth in population, changes in supply conditions, investments in local resources, demand-hardening aspects of water conservation savings, recycled water, extraordinary storage and transfer actions, and groundwater imported water needs.

The formula is calculated in three steps—the first two steps involve standard computations, while the third step contains a specific method developed for the WSAP.

Step 1: Base Period Calculations

The first step in calculating a member agency's water supply allocation is to estimate its water supply and demand using a historical base period with established water supply and delivery data. The base period for each of the different categories of supply and demand is calculated using data from the two most recent non-shortage years.

Step 2: Allocation Year Calculations

The next step in calculating the member agency's water supply allocation is estimating water needs in the allocation year. This is done by adjusting the base period estimates of retail demand for population growth and changes in local supplies.

Step 3: Supply Allocation Calculations

The final step is calculating the water supply allocation for each member agency based on the allocation year water needs identified in Step 2.

Although Metropolitan's 2020 UWMP forecasts that it will be able to meet projected imported water demands throughout the projected period from 2020 to 2045, uncertainty in supply conditions can result in Metropolitan needing to implement its WSAP to preserve dry-year storage and curtail demands (Metropolitan Water District of Southern California, May 2021).

To implement the WSAP, Metropolitan's Board of Directors makes a determination on the level of the regional shortage, based on specific criteria. This typically happens in April. The criteria used by Metropolitan includes current levels of storage, estimated water supply conditions, and projected imported water demands. The allocations, if deemed necessary, go into effect in July of the same year

and remain in effect for a 12-month period. The schedule is made at the discretion of Metropolitan's Board of Directors.

2.2.3 West Basin Drought Rationing Plan

West Basin continues its water reliability strategy of increasing local control over its water supplies within its service territory by maximizing water use efficiency, the use of recycled water, and through public outreach and education programs. This successful effort has drastically reduced its demand on potable water, however, the region still relies on water from Northern California and the Colorado River for nearly two-thirds of our supply. This reliance on hydrologically-dependent supplies leaves the region vulnerable to drought and the long-term impacts of changing climate patterns as well as other types of emergency shortages, such as earthquake or water quality impacts to local groundwater supplies used by West Basin retail agencies.

Drought periods in Southern California are happening more frequently and with greater severity. While Metropolitan currently projects 100% supply reliability, when Metropolitan does not have access to the supplies necessary to meet total demands and has to allocate shortages in supplies to West Basin and its other member agencies, it enacts the Water Supply Allocation Plan as a demand management tool to extend the availability of storage reserves.

On March 23, 2015, the West Basin Board adopted an update to the "Water Shortage Allocation Plan" and changed the name to Drought Rationing Plan (DRP). When Metropolitan implements the WSAP, the Drought Rationing Plan is necessary for two primary reasons: 1) to help achieve MWD's (and the Governor's 2015) conservation goal; and 2) equitably recover any financial penalties from our customer agencies should West Basin fall short of the goal. The DRP includes a "regional penalty assessment" policy that only assesses financial penalties to West Basin's customer agencies if West Basin itself incurs penalties.

As amended in 2018, and effective in 2019, the California Water Code requires urban water suppliers to adopt a water shortage contingency plan as part of its urban water management plan as specified (Section 10632). West Basin has primarily utilized the DRP to implement emergency conservation measures, and responses to drought and regional waters supply shortages. Through these efforts, West Basin's retail agencies and the communities served by West Basin have relied on the DRP as a guiding document. West Basin may update the Drought Rationing Plan and it will always be accessible at www.westbasin.org.

3 WATER SHORTAGE CONTINGENCY PLAN

Water Shortage Contingency Preparation and Response

West Basin’s Water Shortage Contingency Plan is a detailed guide of how West Basin intends to act in the case of an actual water-shortage condition.

The WSCP anticipates a water supply shortage and provides preplanned and prescribed guidance for managing and mitigating a shortage. Regardless of the reason for the shortage, the WSCP uses adequate details of demand reduction and supply augmentation actions that are structured to match varying degrees of shortage to ensure relevant stakeholders, including West Basin’s retail agencies, understand what to expect during a water shortage situation.

IN THIS SECTION

- Supply Reliability
- Annual Assessments
- Shortage Levels
- Shortage Response Actions
- Communications Protocol
- Compliance
- Legal Authorities
- Financial Consequences
- Monitoring and Reporting
- WSCP Refinement Procedures
- Plan Adoption

3.1 Water Supply Reliability Analysis

Per Water Code Section 10632 (a)(1), the WSCP shall provide an analysis of water supply reliability conducted pursuant to Water Code Section 10635 and an analysis of the key issues that may create a shortage condition when looking at West Basin's water supply portfolio. Understanding water supply reliability, factors that could contribute to water supply constraints, availability of alternative supplies, and what effect these have on meeting customer demands provides West Basin with a solid basis on which to develop appropriate and feasible response actions in the event of a water shortage.

In the 2020 UWMP, West Basin conducted a Water Reliability Assessment to compare the total water supply sources available with long-term projected water use over the next 25 years, in five-year increments, for a normal water year, a single dry water year, and a drought lasting five consecutive water years. West Basin also conducted a Drought Risk Assessment to evaluate a drought period that lasts five consecutive water years, starting in 2021. An analysis of both assessments is presented in West Basin's 2020 UWMP Chapter 7 – Water Service Reliability and Drought Risk Assessment (West Basin, 2021). The analysis concluded that sufficient supplies are available from Metropolitan under all scenarios considered.

West Basin receives imported water from Metropolitan through connections to Metropolitan's regional distribution system. Although pipeline and connected capacity do not guarantee the availability of water, they do guarantee the ability to convey water when it is available to the Metropolitan distribution system. The primary constraint on the available of water supplies has been in severe and prolonged drought conditions. West Basin's diversified supply and conservation measures combined with Metropolitan's supply reliability investments enable West Basin to meet projected demands in multiple-dry years. Metropolitan projects the ability to meet projected West Basin imported water demands under normal, single-dry year, and multiple-dry year conditions (Metropolitan Water District of Southern California, March 2021). As a result, there are no anticipated shortages under the single-dry year or multiple-dry year scenarios and West Basin service area demands are assumed to be unconstrained in each reliability scenario.

3.2 Annual Water Supply and Demand Assessment Procedures

Per Water Code Section 10632.1, West Basin will conduct an Annual Assessment of Water Supply and Demand pursuant to subdivision (a) of Section 10632 and by July 1 of each year, beginning in 2022. West Basin will submit an annual water shortage assessment with information for anticipated shortage, triggered shortage response actions, compliance and enforcement actions, and communication actions consistent with West Basin's WSCP.

This section documents the decision-making process required for formal approval of West Basin's Annual Assessment of water supply reliability each year, the key data inputs, and the methods used to evaluate the water system reliability for the coming year, considering it would be a dry year.

3.2.1 Decision-Making Process

West Basin is currently developing a comprehensive demand forecasting model that will help inform its Annual Assessment. The model will consider a variety of local and regional conditions to assess overall water supply reliability and determine whether a shortage condition exists or is expected the following year.

As a wholesaler of imported water from Metropolitan, West Basin's water supply reliability is tied directly to the reliability of Metropolitan's imported supplies. Accordingly, West Basin will carefully consider information that is provided by Metropolitan in its Annual Assessment. The information West Basin receives from its municipal and private retail water suppliers on historical demand-side data and

projected annual demands for the upcoming year will be balanced based on Metropolitan's projected supply-side data available to meet requested demands, as outlined in the WSDM Plan (Metropolitan Water District of Southern California, August 1999).

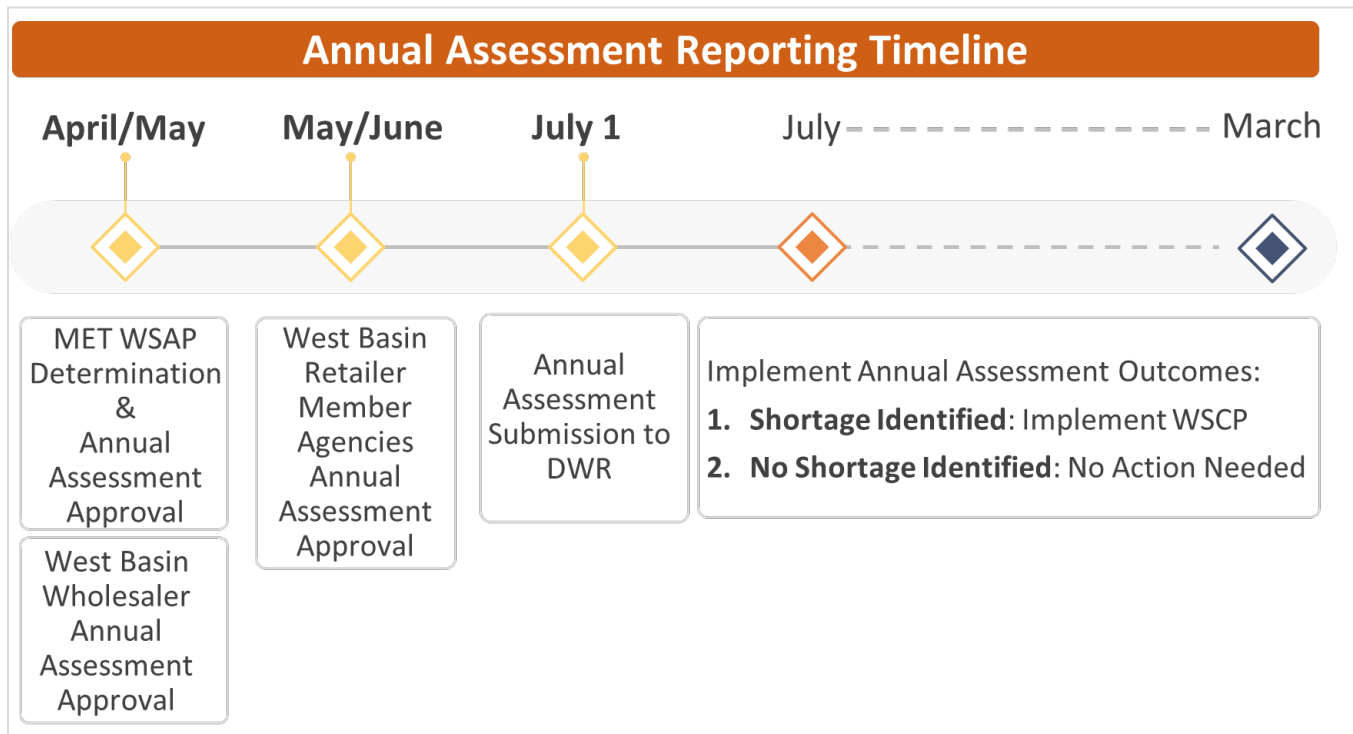
On a monthly basis, West Basin staff also provides the Board of Directors with a Metropolitan-generated report of current statewide water supply conditions. The report includes information on key water supply factors such as storage, precipitation, snowpack, and State Water Project allocations. The monthly report serves as an additional source of information for assessing the health of the region's imported water supply.

The following decision-making process describes the steps that West Basin will take to formally approve the Annual Assessment determination of water supply reliability each year. **Figure 3-1** below also illustrates the overall approach and basic timeline of the decision-making process.

1. West Basin staff and the Board of Directors will monitor statewide water supply conditions via Metropolitan's monthly water supply report. Concurrently, West Basin staff will update the demand forecasting model with the most recent data received from its cities and private retail water agencies. As a water wholesaler, West Basin is dependent on its retailers to provide accurate demand estimates to determine water demands in the service area. The forecasting model will be revisited and updated throughout the year as needed. Any major changes to the model's inputs or assumptions will be conveyed to West Basin's executive team and Board members at committee or Board meetings for further discussion as needed.
2. According to Metropolitan's Annual Assessment Decision-Making Timeline, Metropolitan staff will make a determination on its Assessment during April or May. Based on the results of that determination and in conjunction with West Basin's ongoing demand modeling, West Basin staff will develop its own Annual Assessment determination and any associated shortage response actions that may be needed to address an anticipated shortage condition.
3. In June of each year, West Basin staff will provide an initial, updated Annual Assessment at its monthly Water Policy & Legislation Committee meeting. The staff presentation will provide an overview of current supply and demand conditions and will summarize whether the findings of the Assessment necessitate the implementation of new or updated shortage response actions. During the committee meeting, staff will answer questions and solicit feedback from Board members about the Annual Assessment determination.
4. Following the committee meeting, staff will consider all feedback received by the Board for incorporation into an updated version of the Annual Assessment. The updated Annual Assessment will then be presented to the full Board of Directors at its June Board meeting for final approval.
5. Once approved, West Basin staff will submit the Annual Assessment to DWR by the July 1 submission deadline each year, starting July 1, 2022.

More information on this decision-making process and the basis for the Annual Assessment prepared for 2021 is also available in West Basin's 2020 UWMP Sections 4, 6, and 7.

Figure 3-1. Annual Assessment Reporting Timeline



3.2.2 Data and Methods

The following paragraphs document the key data inputs and methods that are used to evaluate the water system reliability for the coming year, while considering that the year to follow would be considered dry, as defined below:

Evaluation Criteria

In the 2020 UWMP, West Basin conducted an assessment of the reliability of its water service to its customers during normal, dry, and multiple dry water years. This water supply and demand assessment compares the total water supply sources available to the water supplier with the long-term total projected water use over the next 20 years, in five-year increments, for a normal water year, a single dry water year, and a drought lasting five consecutive water years. This assessment was based on the West Basin service area, water sources, water supply reliability, and water use, as described in CWC Section 10631, including available data from state, regional, or local agency population, land use development, and climate change projections within the service area. This same locally applicable evaluation criteria will be relied on for completing the Annual Assessment.

Water Supply

West Basin supplies to be used to meet retail demands consist of imported water from Metropolitan and recycled water for non-potable uses. In addition, a majority of West Basin retail agencies pump groundwater to meet a portion of their demands. The amount of groundwater pumping is limited by available rights—adjudicated rights and other additional pumping rights defined in annual reports from the Water Replenishment District (WRD).

Unconstrained Customer Demand

The WSCP and Annual Assessment define unconstrained demand as expected water use before any projected shortage response actions that may be taken under the WSCP. Unconstrained demand is distinguished from observed demand, which may be constrained by preceding, ongoing, or future actions, such as emergency supply allocations during a multiyear drought. WSCP shortage response actions to constrain demand are inherently extraordinary; routine activities, such as ongoing conservation programs and regular operational adjustments are not considered constraints on demands.

To estimate unconstrained demands for 2022 and the following years as required by the CWC, West Basin would apply a similar method as described in West Basin's 2020 UWMP Section 4.1, which considered "normal" retail demand across the West Basin service area (which adjusts for weather and drought restrictions), growth, conservation, and groundwater pumping.

Planned Water Use for Current Year Considering Dry Subsequent Year

Water Code Section 10632 (a)(2)(B)(ii) requires the Annual Assessment to determine "current year available supply, considering hydrological and regulatory conditions in the current year and one dry year." The Annual Assessment will include two separate estimates of West Basin's annual water supply and unconstrained demand using: 1) current-year conditions and 2) assumed dry-year conditions.

The "single dry year" is characterized to resemble a year in which conditions reflect the lowest water supply available to West Basin. West Basin would apply the same single-dry-year assumptions used in West Basin's 2020 UWMP Section 7.2, which assumes:

- Imported water from Metropolitan can meet West Basin demands unless Metropolitan has implemented its WSAP. If the Metropolitan WSAP is implemented, West Basin would pass along the demand restrictions to its customers.
- Groundwater availability is based on adjudicated pumping rights and any carryover or other additional pumping rights defined in annual reports from the WRD.
- Recycled water deliveries would be similar to the previous year.

Infrastructure Considerations

Given that Metropolitan directly supplies water to West Basin retail agencies, the system improvements for supply reliability is the responsibility of Metropolitan. Plans for system upgrades are prepared, adopted, and constructed according to the Metropolitan Capital Investment Plan (Metropolitan Water District of Southern California, 2020). The Annual Assessment provided by Metropolitan to West Basin, and subsequently from West Basin to its retail agencies, will include consideration of any infrastructure issues that may pertain to near-term water supply reliability. This will include repairs, construction, and environmental mitigation measures that may temporarily constrain capabilities, as well as any new projects that may add to system capacity.

Other Factors

For the Annual Assessment provided by Metropolitan to West Basin and then West Basin to its retail agencies, any known issues related to water supply reliability (i.e., water quality impacts) would be considered for their potential effects.

3.3 Six Standard Water Shortage Levels

Per Water Code Section 10632 (a)(3)(A), West Basin must include the six standard water shortage levels defined at the state level, which represent shortages from the normal reliability as determined in the West Basin's Annual Assessment. The shortage levels have been standardized to provide a consistent regional and statewide approach to conveying the relative severity of water supply shortage conditions. This is an outgrowth of the severe statewide drought of 2012–2016 and the widely

recognized public communication and state policy uncertainty associated with the many varied local definitions of water shortage.

The six levels correspond to progressively increasing estimated shortage conditions as compared to the normal reliability condition (0% shortage) and align with the response actions West Basin would implement to meet the severity of an impending shortage as outlined in West Basin’s 2015 Drought Rationing Plan.

Table 3-1. Wholesaler: Water Shortage Contingency Plan Levels (DWR Table 8-1)

SHORTAGE LEVEL	PERCENT SHORTAGE RANGE	SHORTAGE RESPONSE ACTIONS (NARRATIVE DESCRIPTION)
0	0% (Normal)	During non-shortage conditions, West Basin develops, implements, and provides cost-effective water-efficiency and conservation programs to local communities in its service area to help save water and increase local water supply reliability. In addition, West Basin educates and engages its community about important water issues through outreach and education programs. Together, these programs highlight the importance of adopting a Water Conservation as a Way of Life mindset as a means of supporting ongoing water supply reliability throughout the region.
1	Up to 10%	At this shortage level, West Basin will implement one or more of the following shortage response actions: - Call for voluntary retailer water-use reductions - Call for voluntary retailer use of non-imported potable sources - Implement additional conservation/water-efficiency programs - Deploy public outreach and communications measures - Implement mandatory retailer water-use reductions (in West Basin’s DRP)
2	11% to 20%	At this shortage level, West Basin will implement and expand one or more of the shortage response actions listed for Stage 1 to achieve demand reduction target of 20%.
3	21% to 30%	At this shortage level, West Basin will implement and expand one or more of the shortage response actions listed for Stage 1 to achieve demand reduction target of 30%.
4	31% to 40%	At this shortage level, West Basin will implement and expand one or more of the shortage response actions listed for Stage 1 to achieve demand reduction target of 40%.
5	41% to 50%	At this shortage level, West Basin will implement and expand one or more of the shortage response actions listed for Stage 1 to achieve demand reduction target of 50%.
6	>50%	At this shortage level, West Basin will implement and expand one or more of the shortage response actions listed for Stage 1 to achieve demand reduction target of greater than 50%

3.4 Shortage Response Actions

Water Code Section 10632 (a)(4) requires the WSCP to specify shortage response actions that align with the defined shortage levels. West Basin has defined specific shortage response actions that align with the defined shortage levels in **Table 3-1** shown above and **Table 3-2** presented below. These shortage response actions were developed with consideration for the customer-class or water use-specific demand reduction initiatives, and increasingly stringent water-use prohibitions, supply augmentation responses, and system infrastructure and operational changes.

3.4.1 Demand Reduction

The demand reduction actions that would be implemented to address shortage levels are described in **Table 3-2** (DWR Table 8-2). This table indicates which actions align with specific defined shortage levels and estimates the extent to which that action would reduce the gap between supplies and demands. This demonstrates that the chosen suite of shortage response actions can be expected to deliver the outcomes necessary to meet the requirements of a given shortage level. This table also identifies the enforcement action, if any, associated with each demand reduction measure.

Table 3-2. Demand Reduction Actions (DWR Table 8-2)

SHORTAGE LEVEL	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?	ADDITIONAL EXPLANATION	PENALTY, CHARGE, OR OTHER ENFORCEMENT?
0	Offer Water Use Surveys	Not applicable – No shortage gap at this level	West Basin currently offers water-efficiency surveys through several of its conservation programs.	No
0	Provide Rebates on Plumbing Fixtures and Devices	Not applicable – No shortage gap at this level	West Basin provides a variety of device and irrigation rebates to its service area.	No
0	Provide Rebates for Landscape Irrigation Efficiency	Not applicable – No shortage gap at this level	West Basin provides a variety of device and irrigation rebates to its service area.	No
0	Provide Rebates for Turf Replacement	Not applicable – No shortage gap at this level	West Basin provides grass removal rebates in its service area.	No
0	Other	Not applicable – No shortage gap at this level	West Basin conducts regular public outreach and education activities to highlight the importance of conservation and water efficiency.	No
0	Other	Not applicable – No shortage gap at this level	West Basin promotes awareness of permanent statewide water waste prohibitions.	No
1	Expand Public Information Campaign	0 to 100% of shortage gap	Expand public outreach and education efforts to encourage residents and industries to reduce their water usage.	No
1	Provide Rebates on Plumbing Fixtures and Devices	0 to 100% of shortage gap	Provide additional or higher-amount rebates.	No
1	Provide Rebates for Landscape Irrigation Efficiency	0 to 100% of shortage gap	Provide additional or higher-amount rebates.	No
1	Provide Rebates for Turf Replacement	0 to 100% of shortage gap	Provide additional or higher-amount rebates.	No
1	Other	0 to 100% of shortage gap	Implement new conservation and water-efficiency programs.	No
1	Other	0 to 100% of shortage gap	Call for voluntary retailer supply shift to non-imported potable sources.	No
1	Other	0 to 100% of shortage gap	Call for voluntary retailer water-use reductions.	No
1	Implement or Modify Shortage Allocation to Retailers	0 to 100% of shortage gap	Implement DRP and as appropriate Drought Rate Structure or Surcharge.	Yes
2	Not Applicable	0 to 100% of shortage gap	At this shortage level, West Basin will implement and expand one or more of the shortage response actions listed for Stage 1 to achieve demand reduction target of 20%.	Dependent on demand reduction action

SHORTAGE LEVEL	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?	ADDITIONAL EXPLANATION	PENALTY, CHARGE, OR OTHER ENFORCEMENT?
3	Not Applicable	0 to 100% of shortage gap	At this shortage level, West Basin will implement and expand one or more of the shortage response actions listed for Stage 1 to achieve demand reduction target of 30%.	Dependent on demand reduction action
4	Not Applicable	0 to 100% of shortage gap	At this shortage level, West Basin will implement and expand one or more of the shortage response actions listed for Stage 1 to achieve demand reduction target of 40%.	Dependent on demand reduction action
5	Not Applicable	0 to 100% of shortage gap	At this shortage level, West Basin will implement and expand one or more of the shortage response actions listed for Stage 1 to achieve demand reduction target of 50%.	Dependent on demand reduction action
6	Not Applicable	0 to 100% of shortage gap	At this shortage level, West Basin will implement and expand one or more of the shortage response actions listed for Stage 1 to achieve demand reduction target of greater than 50%	Dependent on demand reduction action

Note: One or more of the shortage response actions listed for Level 1 will be implement and expanded as the shortage levels increase.

3.4.2 Supply Augmentation

West Basin’s supply augmentation actions are described in **Table 3-3** (DWR Table 8-3). Metropolitan’s supply augmentation actions, described in Metropolitan’s 2020 WSCP, capture the supply augmentation actions that are relevant to West Basin. To the maximum extent possible, West Basin would coordinate with Metropolitan and its other member agencies on supply augmentation projects during normal and shortage periods to continue expanding water reliability for the entire region.

Table 3-3. Supply Augmentation and Other Actions (DWR Table 8-3)

SHORTAGE LEVEL	SUPPLY AUGMENTATION METHODS AND OTHER ACTIONS BY WATER SUPPLIER	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?	ADDITIONAL EXPLANATION OR REFERENCE
1-6	Metropolitan Supply Augmentation	0 to 100% of shortage gap	Coordinate with Metropolitan and, if needed, purchase supplemental supplies from Metropolitan

3.4.3 Operational Changes

During water-shortage conditions, operations may be affected by supply augmentation or demand reduction responses undertaken by Metropolitan as the direct water supplier to West Basin retail agencies.

3.4.4 Additional Mandatory Restrictions

Water Code Section 10632 (a)(4)(D) calls for “additional, mandatory prohibitions against specific water-use practices that are in addition to state-mandated prohibitions and appropriate to the local conditions” to be included among the WSCP’s shortage response actions. West Basin has not specifically identified additional mandatory restrictions necessary at the time of this WSCP adoption. However, West Basin may deem additional restrictions, such as reducing water allocations in all categories to meet the available water supply beyond the DRP, as directed by the West Basin Board of Directors.

3.4.5 Emergency Response Plan (Hazard Mitigation Plan)

A catastrophic water shortage would be addressed according to the appropriate West Basin water-shortage level and response actions. It is likely that a catastrophic shortage would immediately trigger Shortage Level 6 response actions. West Basin would follow Metropolitan’s Emergency Response Plans in the event of a catastrophic supply interruption.

As described in Metropolitan’s 2020 Water Shortage Contingency Plan (Metropolitan Water District of Southern California, May 2021), Metropolitan has two Emergency Response Plans: 1) one dated March 2019 that has been in place long-term and is updated periodically, and 2) one dated September 2020 that was prepared pursuant to the requirements of the recently enacted America’s Water Infrastructure Act of 2018 (Metropolitan Water District of Southern California, 2020). The two plans work in conjunction. Together, Metropolitan’s Emergency Response Plans present Metropolitan’s organization and strategy for responding to emergencies caused by natural hazards, malevolent acts, or other unavoidable circumstances.

Metropolitan operates in accordance with the California Standardized Emergency Management System, the Incident Command System, and the National Incident Management System. The Emergency Response Plans describe the Emergency Response Organization and provide guidelines for evaluating and responding to an emergency situation and activating Incident Command Posts and the Emergency Operations Center. Although the plans provide a framework for emergency response,

they do not identify or discuss every potential situation or problem that may occur during an emergency. Metropolitan intends to continue updating the plans regularly.

3.4.6 Seismic Risk Assessment and Mitigation Plan

Per Water Code Section 10632.5, suppliers are required to assess seismic risk to water supplies as part of their WSCP. Since West Basin's primary potable water supply is provided by Metropolitan, and West Basin does not exclusively own or operate any of the imported water delivery infrastructure, West Basin refers to Metropolitan's seismic risk assessment and mitigation plan documented in Metropolitan's 2020 UWMP Appendix 9: Seismic Risk Assessment and Mitigation (Metropolitan, March 2021).

3.4.7 Shortage Response Action Effectiveness

For each specific Shortage Response Action identified in the plan, the WSCP also estimates the extent to which that action will reduce the gap between supply and demand identified in **Table 3-2** (DWR Table 8-2). To the extent feasible, West Basin has estimated percentage savings for the chosen suite of shortage response actions, which can be anticipated to deliver the expected outcomes necessary to meet the requirements of a given shortage level.

3.5 Communication Protocols

Prior to issuing a water shortage level declaration, West Basin would pursue outreach to inform cities and retail water providers in its service area of water shortage levels and definitions, targeted water savings for each drought stage, guidelines for retailers to follow during each stage, and sources of current information on West Basin supply and demand response status. Water savings guidelines are predicated on being equitable across the various water use sectors.

Timely and effective communication is a key element of the WSCP implementation. Per CWC Section 10632 (a)(5), West Basin has established communication protocols and procedures to inform customers, the public, interested parties, and local, regional, and state governments regarding any current or predicted shortages as determined by the Annual Assessment described pursuant to Section 10632.1; any shortage response actions triggered or anticipated to be triggered by the Assessment described pursuant to Section 10632.1; and any other relevant communications.

This section includes specific communication protocols that would be triggered to address each shortage level and the response actions implemented. This element focuses on communicating the water shortage contingency planning actions that can be derived from the results of the Annual Assessment. The Annual Assessment results would likely trigger a shortage based upon the decision-making process described in Section 3.2.1 of this WSCP and/or emergency communications protocols to address earthquakes, fires, infrastructure failures, civil unrest, and other catastrophic events. The type and degree of communication varies with each shortage level; thus, predefined and actionable communication protocols improve West Basin's ability to message necessary events. These communication protocols and procedures are summarized below, categorized by shortage levels.

Public information and outreach are important elements of West Basin's WSCP because the customer response to drought will ultimately dictate the amount of water savings achieved. West Basin's Public Information and Education department would lead public outreach and communications efforts in close coordination with its retail water supply agencies, who have direct means of communications with residential, commercial, industrial, and institutional customers. West Basin would also collaborate with Metropolitan and other Metropolitan member agencies to develop and implement regional public outreach initiatives that seek to promote and achieve Conservation as a Way of Life goals. West Basin would share information publicly and provide guidance to its retail agencies, closely monitoring water

user responses and attitudes toward both voluntary and mandatory response actions. Consistent customer outreach activities are required to successfully achieve targeted water savings during each drought stage.

West Basin has outlined a flexible water shortage response approach centered on voluntary compliance and mandatory restrictions implemented throughout a range of shortage levels. West Basin will communicate information about drought stage, targeted water savings, and water-saving guidelines that customers are expected to practice. Example drought specific information and materials to support public outreach in times of water shortage are included in **Attachment C**. West Basin is currently updating its Drought Outreach Plan to align with the WSCP's stated communication protocols.

Coordination with Retail Water Suppliers and Local Stakeholders

West Basin conveys critical information about droughts, water shortages, and other supply-related issues to its customer agencies, local governments, the general public, and other stakeholders in a number of ways. Regularly scheduled committee and partner meetings bring together representatives from retail agencies and other stakeholder organizations to discuss relevant topics and updates.

West Basin either leads or participates in stakeholder groups, including the following:

- Metropolitan Caucus Committee — monthly meetings
- West Basin Water Association — monthly meetings
- Water Use Efficiency Coordinators — quarterly meetings
- Public Information Officer Coordinators — quarterly meetings
- School/Education Coordination — regularly scheduled meetings
- Business/Industry Groups (e.g., Chambers of Commerce and other civic groups) — periodic meetings

Target Audiences

When communicating relevant information during critically dry or shortage periods, West Basin would focus its efforts on targeting the following stakeholder audiences in its service area:

- City staff
- Los Angeles County staff (for unincorporated areas served by West Basin)
- Elected officials and staff
- Investor-owned utilities
- Homeowners and renters
- Disadvantaged communities
- Property owners and managers
- Business owners
- Local industries
- School district administrators and teachers
- Environmental/public interest groups
- Local media
- General public

Communication During Non-Shortage Periods

West Basin continuously engages nearly 1 million people in its service area through ongoing outreach, education, and water-efficiency programs that seek to convey the importance of adopting a Conservation as a Way of Life mindset. In order to foster and sustain a long-term water conservation

ethic in the region, West Basin utilizes a variety of outreach methods to communicate important messages and programs to partner agencies, community leaders, and other stakeholders. These efforts have allowed West Basin to maintain reduced service-area water demand levels following the 2012–2016 drought despite relaxation of statewide water-use regulations.

West Basin primarily uses the following outreach methods to communicate with customer agencies, local government, and commercial/industrial water users the importance of conservation:

- Website
 - www.westbasin.org/conservation
- Social media
 - Facebook
 - Twitter
 - Instagram
 - LinkedIn
 - YouTube
- E-newsletter
 - Quarterly
 - Special editions
- Print and digital advertising/marketing
 - Annual advertising campaigns
- Community outreach
 - In-person and online classes, tours, and workshops
 - Speakers bureau for communicating with business, industry, and civic leaders
 - Community and public events
 - Annual Water Harvest Festival
 - West Basin’s existing conservation programs and rebates
 - Talking points
- School outreach/education
 - In-person and online classes and tours
 - Various on-site and remote learning opportunities
 - WaterStar conservation kits for students
- Media relations
 - Press releases and statements
 - Editorials
 - Interviews
- Sharing of collateral/co-branding partner kits through website and file-sharing sites (e.g., Dropbox, OneDrive)

Communication Protocols for Levels 1 & 2 Water Shortages (0–20%)

This section summarizes the communication protocols that West Basin would employ during a Level 1 or 2 water shortage, which includes shortage conditions up to and including 20%. During this type of shortage, West Basin would implement the following communications strategies. These actions would supplement West Basin communications efforts that occur during periods of non-shortage conditions.

- Website
 - Highlight water-shortage information on home page of website
 - Create a home page banner that drives users to a drought-specific landing page that provides up-to-date information about drought, water conditions, and any announced or expected shortage stages for West Basin water retailers and the general public
 - Embed U.S. Drought Monitor “widget” (California conditions map)
 - Link to local city and private retailer conservation/water-efficiency resources
 - Provide a Spanish translation feature for drought page
 - Post news stories and/or press releases about shortage conditions
- Social media
 - Distribute regularly scheduled posts that convey information about the shortage as well as helpful conservation and water-efficiency tips
 - Share retailer and other partner/stakeholder (Metropolitan, Association of California Water Agencies [ACWA], etc.) posts with important messages
 - Share current local, regional, and state news stories about conditions
 - Create and/or share Spanish language posts
 - Develop boosted posts in geo-targeted areas for increased presence
- Print and digital advertising/marketing
 - Evaluate direct-marketing opportunities and print and online advertising with broad community reach and market penetration
 - Seek out retailer partner funding support for outreach campaigns
 - Evaluate Spanish language outreach for targeted areas
- Community outreach
 - Include drought and water shortage-related content in public education and outreach efforts
 - Seek out additional opportunities to present information at public events
 - Increase frequency of speaker bureau presentations to chambers of commerce and other civic-based organizations
 - Audit efficient-fixture giveaway supplies to increase water-saving device inventory
- School outreach/education
 - Highlight drought-related content in school education programs
 - Add shortage-specific overviews to tours and classroom events
- Media relations
 - Distribute press releases to announce any water shortage declaration or other critical information
 - Hold press conferences or provide statements regarding declarations of water shortage
 - Update talking points based on shortage severity

- Communication with cities, private retail water providers, and commercial/industrial water users
 - Seek out opportunities to present water shortage announcements at city council meetings, committee meetings, and other municipal settings
 - Provide water shortage overview and any associated voluntary/mandatory actions based on the shortage declaration to city/retailer leadership

Communication Protocols for Levels 3 & 4 Water Shortages (21–40%)

This section summarizes the communication protocols that West Basin would employ during a Level 3 or 4 water shortage, which includes shortage conditions from 21–40%. During this type of shortage, West Basin would increase the frequency and intensity of its communications efforts. The actions summarized below would supplement ongoing West Basin communications efforts already implemented during Levels 1 and 2 water shortages.

- Website
 - Build out and bring further exposure to water shortage landing page and website call-outs
 - Update theme and tone of online stories and/or press releases to be more serious in nature—revise language from voluntary (we “should” do this) to mandatory (we “must” do this) call to action
 - Evaluate local, city, and private-retailer conservation/water-efficiency website resources and offer additional support to ensure water users have access to relevant, updated shortage information
 - Invest more resources into Spanish language microsite to convey increased severity of messaging regarding shortage and the need to use less water
 - Create additional web page for mandatory water-use restrictions and/or drought rationing/allocation plan, if triggered in these stages
- Social media
 - Regularly schedule posts that convey more serious messages about the heightened shortage stages, moving from voluntary conservation and water-efficiency tips to mandatory conservation measures that trigger immediate and sustained water-use reductions.
 - Update cover art/imagery to reflect a serious tone in line with shortage severity
 - Continue to share retailer and other partner/stakeholder (Metropolitan, ACWA, etc.) posts but focus on the more serious and mandatory calls to action
 - Evaluate service area for additional geo-targeted advertising opportunities in languages other than English and Spanish
 - Repurpose targeted micro-community outreach messaging provided by Metropolitan to achieve cost savings
- Print and digital advertising/marketing
 - Increase direct-marketing opportunities for print and online publications by adding smaller publications to the established list of media outlet advertising
 - Continue to seek out additional retailer partner funding support for outreach campaigns
 - Develop a collateral piece with drought information and resources
 - Evaluate additional languages to supplement English and Spanish for outreach in targeted areas of West Basin

- Consider other potential advertising forums, either self-funded or in partnership with other water providers, including
 - Television
 - Movie theaters
 - Radio
 - Billboards/bus shelters
 - Guerilla or nontraditional marketing
- Community outreach
 - Continue to seek out targeted opportunities to present critical information at public, civic, and business/industry events concerning worsening water conditions and any mandatory water-use regulations/actions
 - Provide water-saving devices as giveaways
 - Focus annual festival on water-use efficiency and drought-related matters
- School outreach/education
 - Refer to worsening water conditions and mandatory measures in school education programs, including classrooms and tour events
 - Encourage students to engage with their families in conserving water at home
- Media relations
 - Additional press release to announce increased water shortage declaration
 - Develop opinion pieces and letters to the editor from members of the Board regarding the severity of the water shortage and the necessary call to action for everyone to conserve
 - Additional press conference or statement on more severe water-shortage stage as needed
 - Talking points updated based on shortage severity
- Communication with cities, private retail water providers, and commercial/industrial water users
 - Host drought/water-shortage town hall meetings in all five Divisions of West Basin
 - Host elected official forums
 - Help distribute fact sheets, ordinances, and water-saving guidelines to municipalities and other major water-using sectors of the service area

Communication Protocols for Level 5 & 6 Water Shortages (41-50+%)

West Basin considers a Level 5 or 6 water shortage to be a severe or critical/catastrophic shortage. This includes water-shortage conditions of 41% and higher. During this type of shortage, West Basin would significantly expand the frequency and intensity of its communications efforts, even from those actions taken during a Level 3 or 4 shortage. As the shortage exceeds 50%, West Basin would shift its communications focus to maintaining water use for health and safety purposes. Communications efforts at this stage will almost completely be focused on stressing immediate, mandatory actions, with voluntary conservation mostly being reserved for the lower shortage levels.

- Website
 - Increased focus on mandatory water-use restrictions and/or drought rationing/allocation plan in all targeted languages
 - Update theme and tone of online stories and/or press releases to convey even more serious messaging/branding

- Ensure that city and private water provider websites are in sync with West Basin messaging to convey severity of water shortage
- Social Media
 - Increased focus on mandatory water-use restrictions and/or drought rationing/allocation plan in all targeted languages
 - Continue to share most serious messages and mandatory calls to action at the state, regional and local levels
- Print and Digital Advertising/Marketing
 - Implement comprehensive, robust marketing campaigns in partnership with local and regional agencies
 - English, Spanish, and other languages as needed
 - Increase frequency of advertising opportunities in the previously mentioned mediums
 - Television
 - Movie theaters
 - Radio
 - Billboards/bus shelters
 - Guerilla or non-traditional marketing
 - Record and distribute weekly or monthly video updates on the status of the water shortage and any ongoing water-use restrictions
- Community Outreach
 - Information provided at public, civic, and business/industry events would focus on critical/catastrophic nature of water shortage and clearly convey mandatory water-use regulations/actions
- School Outreach/Education
 - Continue ramping up messaging to students and school administrators regarding the severity of water shortage
- Media Relations
 - Continue series of opinion pieces and letters to the editor from members of the Board on the severity of the water shortage and the needed call to action for everyone to conserve
 - Additional press conferences as needed
- Communication with Cities, Private Retail Water Providers, and Commercial/Industrial Water Users
 - Host additional drought/water-shortage townhall meetings in all five of West Basin's divisions as needed
 - Host additional elected official forums as needed
 - Increase efforts to distribute fact sheets, ordinances, and water-saving guidelines to municipalities and other major water-using sectors of the service area
 - Implement and/or participate in regional or local joint-information centers to communicate critical information to all water-use sectors
 - Ensure that Public Information Officer contact information for each and every retailer is updated and ready for coordinating activities once a severe/critical water shortage is triggered

3.6 Compliance and Enforcement

Per the Water Code Section 10632 (a)(6), as a wholesale water provider, West Basin is not responsible for compliance and enforcement of shortage response actions.

3.7 Legal Authorities

Per Water Code Section 10632 (a)(7)(A), West Basin, as formed under the Municipal Water District Law of 1911, shall have the legal authority to empower West Basin to implement and enforce its shortage response actions pursuant to California Water Code Sections 71640-71644, and may adopt any resolution or ordinance as needed to declare or respond to any water-shortage emergency.

Per Water Code Section 10632 (a)(7)(B), West Basin shall declare a water-shortage emergency condition to prevail within its service area whenever it finds and determines that the ordinary demands and requirements of water consumers cannot be satisfied without depleting the water supply to the extent that there would be insufficient water for human consumption, sanitation, and fire protection (Water Code Section 353).

Per Water Code Section 10632 (a)(7)(C), West Basin shall coordinate with any city or county for which it provides water supply services for the possible proclamation of a local emergency under California Government Code, California Emergency Services Act (Article 2, Section 8558). Along with developed coordination protocols, West Basin can facilitate compliance with this section of the Water Code in the event of a local emergency as defined in subpart (c) of Government Code Section 8558.

3.8 Financial Consequences of WSCP

Per Water Code Section 10632 (a)(8), West Basin must include a description of the overall anticipated financial consequences of implementing the WSCP. This description must include potential reductions in revenue and increased expenses associated with implementation of the shortage response actions. This should be coupled with an identification of the anticipated mitigation actions needed to address these financial impacts.

The water shortage response actions designed to address a range of water shortage conditions have the potential to impact West Basin's revenues and expenditures. To assess these impacts, West Basin calculated the revenue impacts resulting from each shortage stage in terms of percent reduction in sales compared to an estimate of a normal year baseline. Other factors incorporated into the analysis included water losses, pricing structure, and avoided costs.

West Basin develops its annual budget and designated fund levels through careful consideration of many different factors to achieve its mission, strategic goals, and other priorities. West Basin's annual budgeting process incorporates feedback from critical stakeholders, such as its retail water suppliers, to help guide West Basin in meeting its financial goals and objectives. As financial stewards of the West Basin service area, the Board of Directors is cognizant to set appropriate rates and charges to cover required program expenditures.

Nearly 90% of West Basin's revenues are generated from volumetric sales to retail agencies. These retail water sales vary based on a variety of factors such as hydrologic conditions, water demand, and water supply availability. West Basin staff employs comprehensive analysis and forecasting strategies to determine sales assumptions for future years. Variability in water sales levels can have significant impacts on West Basin's budget and overall financial health. Future water shortages are likely to result in financial impacts that affect the ability of West Basin to meet its ongoing goals and objectives.

West Basin's options for shortage response actions include demand management measures, operational flexibility, and (to a lesser extent) supply augmentation. Employing any one or more of these actions could trigger a financial impact on West Basin's budget and fiscal health.

Measures that reduce overall imported water use in its service area causes West Basin to purchase less water from Metropolitan and sell less water to its retailers. While this would result in both lower expenses and lower revenues, the net impact is a greater loss of water sales revenue than expenditure savings on reduced water purchases. The combination of lower water sales and increased expenditure levels that are needed to address water-shortage situations is likely to have some impact on West Basin's budget, which could also affect its rates. To mitigate these impacts and provide additional fiscal stability, West Basin conducts annual and long-term financial planning. Long-term planning allows West Basin to better understand and anticipate its current and forecasted revenue streams and expenses, providing flexibility to plan for known conditions in the future. West Basin also employs an extensive annual budget and rate-setting process that includes a comprehensive evaluation of its designated funds. This process may be utilized to help buffer the financial impacts of water-shortage situations that lead to reduced revenues and increased costs.

As a result, when West Basin is impacted by short-term water shortages, it can look more critically at current operations to determine which programs and/or capital projects may need to be deferred or eliminated in order to manage a combination of higher costs and reduced water sales. Likewise, by implementing long-term planning strategies, West Basin can more easily weather a longer-lasting water-shortage crisis. Through this prudent and forward-looking planning and budgeting process, West Basin is more adequately prepared to manage the unexpected financial impacts that may occur due to future water shortages.

In addition to utilizing designated funds to buffer the financial impacts of future water shortages, West Basin may implement other cost-saving actions, including the following:

- Reduced operations and/or maintenance activities
- Organizational restructuring and streamlining
- Deferral of Capital Investment Plan projects
- Increasing rates and/or other charges

While the above actions are not preferred, they serve as potential tools to use as part of an overall strategy that allows West Basin to continue meeting its mission and objectives.

West Basin's designated-fund policy provides for a minimum reserve requirement and target amount of unrestricted reserves on June 30 of each year. Funds in excess of the target amount can be utilized for capital expenditures in lieu of the issuance of additional debt or for the redemption, defeasance, or purchase of outstanding bonds or commercial paper as determined by the Board.

3.9 Monitoring and Reporting

Per Water Code Section 10632 (a)(9), since West Basin is a wholesale water supplier it is not required to provide a description of the monitoring and reporting requirements and procedures that have been implemented to ensure appropriate data is collected, tracked and analyzed for purposes of monitoring customer compliance and to meet state reporting requirements.

3.10 WSCP Refinement Procedures

Per Water Code Section 10632 (a)(10), West Basin must provide reevaluation and improvement procedures for systematically monitoring and evaluating the functionality of the WSCP. This ensures that shortage risk tolerance is adequate and appropriate water-shortage mitigation strategies are implemented as needed.

West Basin will regularly review and update its WSCP as needed. West Basin views the WSCP as a living document that should reflect the most recent conditions, including water supply and demand,

climate, policy, regulatory, or other operational conditions at a given point in time. Revisions to the WSCP may be implemented either during upcoming UWMP cycles or as standalone revisions that are needed to incorporate the most up-to-date information and requirements.

Revisions to the WSCP may include, but are not limited to, the following:

- Updates to shortage plan and stages
- Demand reduction actions
- Supply augmentation actions
- Operational changes
- Updates to communication protocols

In conjunction with preparing the Annual Assessment, West Basin staff will evaluate the efficacy of the overall WSCP and prepare recommendations for West Basin's Board of Directors to consider should updates to the plan be deemed necessary.

West Basin will also collaborate with its retail agencies to explore the possibility of developing a regionally coordinated WSCP in future years. The implementation of such a plan could help to streamline information sharing among water providers and offer regular updates to the shortage response strategies and actions for all water suppliers in West Basin's service area.

In addition to its retail agencies, West Basin will solicit feedback from the public and other interested stakeholders concerning any future modifications to the WSCP. Any feedback received will be carefully considered and evaluated by the West Basin Board of Directors and staff before making any revisions or refinements to the WSCP.

3.11 Special Water Feature Distinction

West Basin defines water features that are artificially supplied with water — including ponds, lakes, waterfalls and fountains — separately from swimming pools and spas, per subdivision (a) of Section 115921 of the Health and Safety Code.

3.12 Plan Adoption, Submittal, and Availability

West Basin met the required 60-day public hearing notification to stakeholders in its service area. Notification was sent to West Basin's retail water suppliers and to cities and counties in the West Basin service area. The public notice provided a summary of West Basin's intent to review and update the 2021 WSCP. Additional public notification was posted on the West Basin website on April 8, 2021.³ A copy of the 60-day public hearing notice is included in **Attachment D**.

Per Water Code Section 10632 (a)(c), West Basin provided notice of the availability of its draft 2021 WSCP and notice of the public hearing to consider adoption of the 2021 WSCP in accordance with CWC Sections 10621(b) and 10642 and Government Code Section 6066. The public review draft of the 2021 WSCP was posted prominently on West Basin's website on May 25, 2021, ahead of the public hearing on June 10, 2021. The notice of availability of the documents was sent to West Basin's retail agencies and to cities and counties in West Basin's service area. In addition, a public notice advertising the public hearing was published in five local newspapers. Copies of the notification letter that were sent to West Basin's retail agencies and cities and counties in West Basin's service area, as well as copies of the public notice published in local newspapers, are included in **Attachment D**.

³ <https://www.westbasin.org/>

West Basin held the public hearing for the draft 2021 WSCP on June 10, 2021, at the West Basin Board of Directors meeting. The meeting was conducted online due to ongoing COVID-19 precautions. As stated in Resolution [REDACTED], the West Basin Board of Directors reviewed and adopted the 2021 WSCP at the Board's June 28, 2021 meeting. **Attachment E** contains a copy of the adoption resolution.

Per Water Code Sections 10632 (c) and 10645 (a) and (b), the 2021 WSCP was posted on West Basin's website on June 30, 2021, following its adoption by the West Basin Board of Directors. Copies were sent to West Basin's retail agencies and to cities and counties in the service area. Copies were also submitted electronically to the California State Library. These actions satisfy the requirement to make the plan publicly available and identifiable to local government stakeholders in West Basin's service area. The 2021 WSCP was also submitted electronically to the State of California through DWR's Water Use Efficiency (WUE) data website on June 30, 2021.⁴

Based on DWR's review of the WSCP, West Basin will make amendments to its adopted WSCP as required. If West Basin revises its WSCP after the 2020 UWMP is approved by DWR, then an electronic copy of the revised WSCP will be submitted to DWR within 30 days of its adoption.

⁴ <https://wuedata.water.ca.gov/secure/>

R

References

All links below were accessed in June 2021 unless otherwise indicated.

Metropolitan Water District of Southern California. (2020). *Capital Investment Plan*.

Metropolitan Water District of Southern California. (2020). *Seismic Resilience Report*.

Metropolitan Water District of Southern California. (August 1999). *Water Surplus and Drought Management Plan*.

Metropolitan Water District of Southern California. (June 2008). *Water Supply Condition Framework*.

Metropolitan Water District of Southern California. (May 2021). *2020 Urban Water Management Plan*.

Metropolitan Water District of Southern California. (May 2021). *Water Shortage Contingency Plan*.

West Basin Municipal Water District. (June 2021). *2020 Urban Water Management Plan*. Retrieved from <https://www.westbasin.org/policy-planning/reports-plans/>

A

Attachment A: Metropolitan 2020 WSCP

Metropolitan Water District of Southern California, Water Shortage Contingency Plan (May 2021) is in the process of final review and adoption. Reference Metropolitan's Final 2020 WSCP, when available online: <http://www.mwdh2o.com/AboutYourWater/Planning/Planning-Documents>

B

Attachment B: West Basin 2015 Drought Rationing Plan



West Basin Municipal Water District

Drought Rationing Plan Allocation Year 2015

**Adopted March 23, 2015
Declared April 27, 2015
Effective July 1, 2015**

1. Introduction

West Basin Municipal Water District is a member public agency of the Metropolitan Water District of Southern California (MWD), and is responsible for the wholesale delivery of potable imported water by Metropolitan to eight retail water agencies and one groundwater replenishment agency, which collectively serve about 900,000 people within the West Basin service area.

West Basin is pursuing a water reliability strategy of increasing local control over its water supplies within its service territory by increasing water conservation and water recycling, expanding education programs and introducing ocean desalination to the water supply portfolio by the year 2022. Today, however, our region still relies on water from Northern California and the Colorado River for nearly two-thirds of our supply. This reliance on hydrologically-dependent supplies leaves our region vulnerable to drought and the long-term impacts of changing climate patterns.

Drought periods in Southern California are happening more frequently and with greater severity. When MWD does not have access to the supplies necessary to meet total demands and has to allocate shortages in supplies to West Basin and its other member agencies, it enacts the Water Supply Allocation Plan as a demand management tool to extend the availability of storage reserves.

On March 23, 2015, the West Basin Board adopted an update to the “Water Shortage Allocation Plan” and changed the name to Drought Rationing Plan (Plan). When MWD implements the WSAP, the Drought Rationing Plan is necessary for two primary reasons: 1) to help achieve MWD’s (and the Governor’s) conservation goal; and 2) equitably recover any financial penalties from our customer agencies should West Basin fall short of the goal. The Plan includes a “regional penalty assessment” policy that only assesses financial penalties to West Basin’s customer agencies if West Basin itself incurs penalties.

The current drought (2012 to present) has been unprecedented in terms of increasing average temperatures and the scarcity of snowpack in the Sierra Nevada. In 2014, MWD was forced to withdraw almost one-half of the available balance of the region’s collective stored water. Without a significant decrease in demand in 2015, MWD was projecting that another one-half of the remaining balance would need to be withdrawn. Governor Brown’s April 1, 2015 Executive Order required a statewide reduction in water use by 25% compared to 2013 and added urgency to MWD’s consideration of implementing the WSAP. Also in April 2015, the MWD Board of Directors approved enacting the WSAP at a Level 3, which targets a 15% reduction in demand (5% for each Level).

2. Metropolitan Water District’s Water Supply Allocation Plan

Metropolitan’s Board of Directors approved the first Water Supply Allocation Plan in February 2008 and updated its WSAP in December 2014. It is based on a guiding

principle developed over fifteen years prior as part of the Water Surplus and Drought Management (WSDM) Plan. The guiding principle states:

“Metropolitan will encourage storage of water during periods of surplus and work jointly with its member agencies to minimize the impacts of water shortages on the region’s retail consumers and economy during periods of shortage.”

Fairness in allocation and minimizing regional hardship to retail water consumers remained central themes in the development of a specific formula for allocating shortages across southern California. The formula uses different adjustments and credits to balance impacts of shortage at the retail level, where local supplies can vary dramatically, and provide equity on the wholesale level among member agencies. It also attempts to take into account; growth in demand, local investments, changes in local supply conditions, the reduction in potable water demand from recycled water, and the implementation of water conservation programs.

The WSAP was updated for the current period to reflect minimal changes in the formula and to address issues that arose as a result of the prior allocation. These changes are described below.

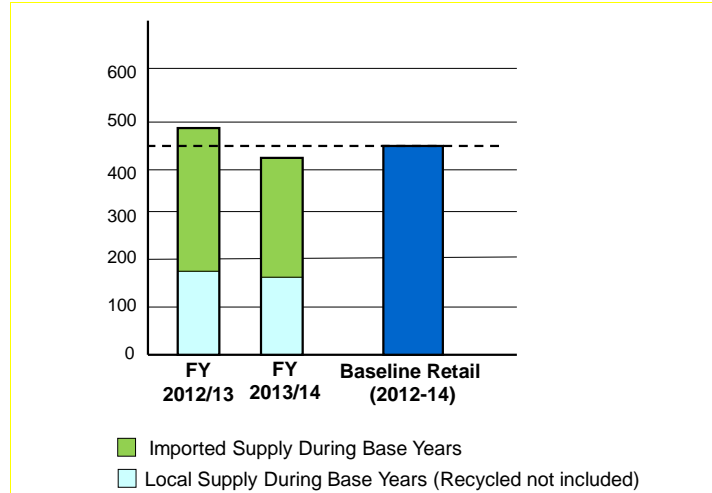
3. West Basin’s Shortage Allocation Methodology

Based closely on Metropolitan’s methodology, West Basin’s Plan model has five basic components in determining each customer agency’s share of West Basin’s allocation from Metropolitan, briefly described as follows.

A. Establishing Baseline Water Use

In order to project a customer agency’s retail demand and imported supply needs for the year in which an allocation occurs, it is necessary to first establish a historical base period for water supply and delivery data. The base period for *local supplies* (groundwater production and recovery) and *imported water demand* (full-service, seawater barrier, seasonal shift and in-lieu groundwater replenishment) are calculated using data from the previous two non-shortage fiscal years, 2012-2013 and 2013-2014. The sum of *local supplies* and *imported water demand* provides an estimate of the average *retail demand* for each customer agency over the base period. Non-potable recycled water is not included in this calculation due to its demand-hardening effect. Figure 1 provides an example of how the baseline water use is established.

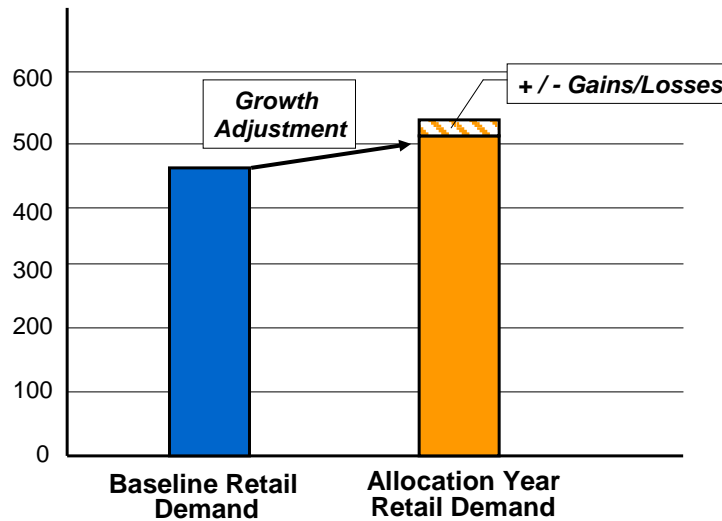
Figure 1. Example of Baseline Calculation



B. Establishing Allocation Year Information

Base period *retail demand* is adjusted forward for growth using a factor that is based on the population increase from the base period to the year of allocation (a 2015 allocation is one year after the end of the base period). As Figure 2 shows, gains or losses are also added to the base period *local supplies* to more accurately estimate actual supplies in the allocation year. Gains in *local supplies* must be increases that are planned and scheduled, such as groundwater production that does not mine a basin, or a new brackish water treatment facility. Losses of *local supplies* due to hydrology or water quality are subtracted from the base period.

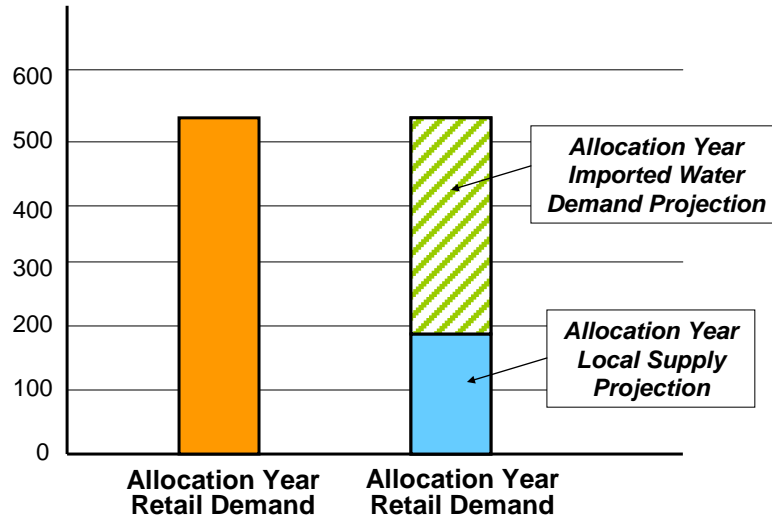
Figure 2. Example of Allocation Year Adjustments



C. Calculating Initial Minimum Allocation

After adjustments are made to *local supplies* to reflect allocation year conditions, and subtracted from *retail demand*, which has been adjusted for growth to the allocation year, the result is an agency's estimated need for imported water from West Basin.

Figure 3. Example of Allocation Year Imported Water Demand Projection

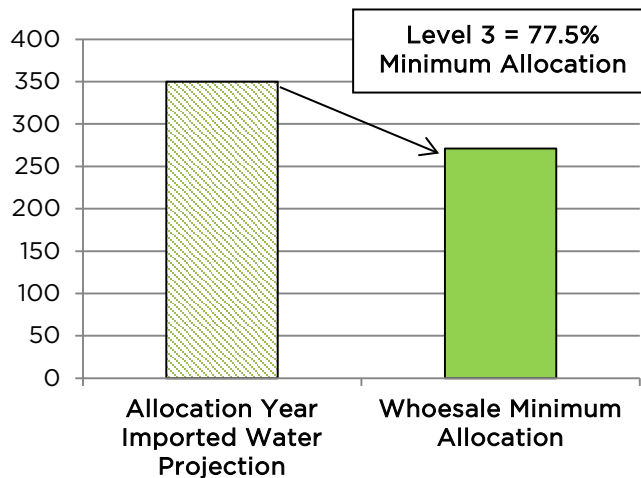


As shown in Figure 4, the projected imported water demand is what is allocated according to the declared regional shortage level (Level 3 for the 2015 Allocation). The following concepts help explain the allocation further:

- **Regional Shortage Levels:** each level from one to ten represents a five percent increment of Regional Shortage Percentage from 5 to 50 percent.
- **Regional Shortage Percentage:** the percentage difference between available supplies and allocation year demands, in 5 percent increments from 5 to 50 percent.
- **Wholesale Minimum Allocation:** ensures that customer agencies will not experience shortages on the wholesale level (from West Basin) that are greater than one-and-a-half times the Regional Shortage Percentage, according to the following table:

Regional Shortage Level	Regional Shortage Percentage	Wholesale Minimum Allocation	Retail Impact Adjustment
1	5%	7.5%	2.5%
2	10%	15.0%	5.0%
3	15%	22.5%	7.5%
4	20%	30.0%	10.0%
5	25%	37.5%	12.5%
6	30%	45.0%	15.0%
7	35%	52.5%	17.5%
8	40%	60.0%	20.0%
9	45%	67.5%	22.5%
10	50%	75.0%	25.0%

Figure 4. Example of Initial Minimum Allocation



D. Minimum Allocation Adjustments and Credits

Unequal impacts of across-the-board allocation at the retail level can be dramatic depending primarily on the amount of local supplies, if any, held by each customer agency. That is why the allocation methodology assigns additional water supplies based on the following adjustments and credits:

- **Retail Impact Adjustment:** Used in Regional Shortage Level 3 and above to ensure that customer agencies with a high level of dependence on imported water do not experience disparate shortages at the retail level compared to other agencies. Agencies that are 100% dependent on imported water, for example,

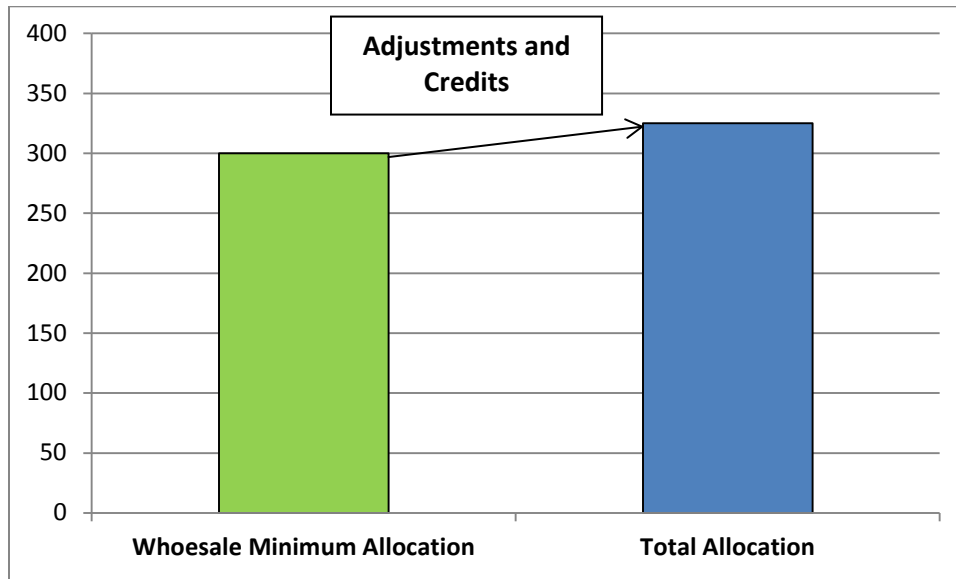
are allocated at the Regional Shortage Percentage instead of the Wholesale Minimum Allocation.

- Conservation Demand Hardening:** Based on each customer agency's gallons per capita per day (GPCD) from a 10-year selected period's highest average, ending in years between 2004 and 2010, as compared to the 2015 GPCD. The difference in GPCD was converted to acre-feet and the regional shortage percentage and GPCD percent reduction was applied for a resulting amount of additional water given back to the agency for conservation efforts. This is consistent with requirements for SBx7-7 "20x2020" reporting. The calculation for the credit is:

$$\text{Credit} = \text{Conservation} \times (10\% + \text{RSL}\%) \times (1 + \text{Conservation}\%) \times \text{Dependence on MWD}\%$$

RSL = Regional Shortage Level

Figure 5. Example of Adjustments to Minimum Allocation at Level 3



E. Total Allocation

The total amount of imported water a customer agency will receive from West Basin at any given Regional Shortage Level, factoring in local supplies, wholesale minimum allocation, retail impact adjustment, and conservation.

4. Plan Implementation

A. Declaration of Regional Shortage

On April 14, 2015, Metropolitan's Board of Directors declared a regional drought within their service territory, and triggered the implementation of their Water Supply Allocation Plan at a Regional Shortage Level 3, seeking at minimum a 15% reduction in regional water use. In order to pass through rationing down to the retail level, and assign any penalties to its customer agencies that West Basin may incur from exceeding its allocation from Metropolitan, the West Basin Board of Directors also approved implementing their Drought Allocation Plan at Level 3 on April 27, 2015.

B. Key Dates for Implementation

The generic allocation calendar below demonstrates that declarations of regional drought are typically made in April when hydrologic conditions statewide are sufficiently understood. To allow time for retail level agencies to adequately prepare their operations and customers for allocation conditions, the allocation effective period begins July 1 and runs 12 consecutive months through June 30 of the following year. Final accounting of customer agency imported water use and assessment of penalties, if applicable, occurs after the end of the allocation period, beginning in August of that year.

Figure 6. Allocation Timeline

Year	Month	Year 1 Board Allocation Decision	Year 1 Allocation Year	Year 2 Board Allocation Decision	Year 2 Allocation Year
YEAR 1	January	Declaration	Effective Period Continuous Tracking Of Member Agency Local Supply and Imported Water Use	Declaration	
	February				
	March				
	April				
	May				
	June				
	July				
	August				
	September				
	October				
	November				
	December				
YEAR 2	January	Assess and Collect Penalties		Declaration	
	February				
	March				
	April				
	May				
	June				
	July				
	August				
	September				
	October				
	November				
	December				
YEAR 3	January	Effective Period Continuous Tracking Of Member Agency Local Supply and Imported Water Use			
	February				
	March				
	April				
	May				
	June				

C. Allocation Adjustments

As a member agency of Metropolitan, West Basin is provided the opportunity to request changes to its allocation through an appeals process. Likewise, customer agencies of West Basin are provided the opportunity to appeal to their individual allocations from West Basin based on new or corrected information. Grounds for requesting a change can include, but are not limited to:

- Errors in historical data used in base period calculations
- Unforeseen losses or gains in local supplies
- Extraordinary increases in local supplies
- Adjustments in credits for conservation

In some cases, West Basin has no flexibility to change a customer agency's allocation unless it results in a change to West Basin's total allocation with Metropolitan. West Basin staff will, however, work with customer agencies to determine whether appeals to Metropolitan are warranted, and if so, to prepare an appeal for review by Metropolitan.

D. Tracking and Reporting

Subsequent to the implementation of its Plan, West Basin will produce monthly reports of each customer agency's imported water use compared to its allocations based on monthly delivery patterns (historical averages) for the purposes of tracking and communicating potential underage/overage of an agency's annual allocation.

E. Allocation Penalty Rates and Billing

Allocation Penalty Rates

West Basin will enforce customer agency allocations through a penalty rate structure similar to what West Basin is subject to in Metropolitan's WSAP. Penalties will only be assessed to a West Basin retail customer agency if a retail customer agency exceeded its allocation under the Drought Rationing Plan AND West Basin exceeded its allocation with MWD under the Water Supply Allocation Plan. In such a case, West Basin's total penalty will be assessed to each retail customer agency that exceeded its Drought Rationing Plan allocation on a pro-rata basis. No billing or assessment of penalty rates will take place until the end of the twelve-month allocation period. Penalty rates are in addition to the base rate of the water purchased.

Table 1 demonstrates that the penalty rate structure is an ascending block structure that provides a lower penalty for minor overuse of allocations and a higher penalty for major overuse of allocations.

Table 1. West Basin Allocation Penalty Rates

Usage Above Allocation	Penalty Rate
100% - 115%	\$1,480/AF
Above 115%	\$2,960 AF (2 x \$1,480/AF)

- Based on turf removal costs
- Turf removal saves ~44 gallons per year per square foot for 10 years
- \$2/sq. ft. program = \$1,480 AF
- \$4/sq. ft. program = \$2,960 AF

Use of Penalty Revenues

According to the Drought Allocation Plan policy adopted by the West Basin Board of Directors, any penalty funds collected by West Basin from customer agencies will be applied to any penalty owed to Metropolitan.

West Basin Billing

During the allocation period, customer agency water bills from West Basin will remain the same. Only at the end of the twelve-month allocation period will West Basin calculate each customer agency's potable water use (imported plus local supply) based on the local supply certification and the West Basin allocation model, and determine which agencies exceeded their annual allocation. West Basin will then apply the penalty rate structure discussed above to usage in excess of the annual allocation.

In recognition that penalties can be potentially significant to a customer agency, West Basin will allow payment of the total penalty for a customer agency to be spread evenly over three consecutive monthly billing periods, beginning in August following the allocation period.

5. Water Reliability 2020

West Basin is planning and investing in its WR 2020 program to reduce its dependence on imported water to mitigate future water shortages and allocation impacts on West Basin's customers.

6. West Basin Contact Information

For questions directly related to West Basin's Drought Allocation Plan, please contact the following staff:

Leighanne Kirk
Senior Water Resources Analyst
leighannek@westbasin.org
310-660-6225

Fernando Paludi
Associate General Manager
fernandop@westbasin.org
310-660-6214

C

Attachment C: Drought Outreach Information and Materials



West Basin Drought Outreach Plan

Problem

There will be confusion among our political leaders and public customers about the drought and the severe impact in Northern California (restrictions, allocations and cut offs) and the lack of any restrictions or allocations in Southern California. This situation provides a great opportunity to tell the reliability and conservation stories as well as the benefits of West Basin's investment in local, reliable and drought-proof water supplies in the past and today. This plan will address this issue and provide guidance on how to communicate this important story to our stakeholders.

Situation Analysis

California is entering its third dry year. Southern California's two main sources of imported water –the Colorado River and Northern California – continue to face dry conditions.

2013 was the driest year on record for the State of California.

Northern California reservoirs are low and dry conditions persist throughout the State.

Many Northern California cities, including Sacramento, are instituting mandatory conservation measures and rationing.

Last year's snowpack was 17% of normal and this year's snowpack is currently at 20% of water content or 7% of average.

State reservoirs that buffer the State from low rainfall are getting precariously low.

The State Department of Water Resource's initial allocation was only 5% to contractors of state water supply in early 2014.

We still have a decline in State water reliability due to pumping restrictions at the Delta.

In 2013, Metropolitan Water District of Southern California (Met) lost nearly 300,000 acre feet of water that could be in storage, and that is enough water for 600,000 families. The Bay Delta Conservation Plan or BDCP will stabilize the Delta ecosystem and our future water deliveries.

Met has made significant investments in storage and infrastructure that are helping us today, including the large Diamond Valley Reservoir in Hemet, CA.

The Colorado River is in its 14th year of drought. Both of the major Colorado River reservoirs, Lake Mead and Powell, are less than 50% full. Along the Colorado River, a 2012 study identified a potential shortfall of up to 3.2 million acre feet of water in the Colorado River basin by 2060 due to increasing demands. Climate change studies also predict water shortages on the Colorado River due to changing weather patterns.

Met has reached an era of limits on the amount of water the district can import from Northern California and the Colorado River so they are exploring all options to expand local water resources.

Over the last couple of decades, Southern California water agencies, led by Met, have spent over \$5 billion on local water projects, storage, water efficiency programs and other infrastructure. The result of this proactive investment is the fact that Met, West Basin and many other Southern California water agencies are not imposing water restrictions or allocating water. At the same time, all agencies are encouraging continued voluntary and heightened water efficiency and conservation where possible. Met is calling for increased voluntary conservation.

On 17 January, Governor Brown declared a drought State of Emergency and said; *“We can’t make it rain, but we can be much better prepared for the terrible consequences that California’s drought now threatens, including dramatically less water for our farms and communities and increased fires in both urban and rural areas,”* said Governor Brown. *“I’ve declared this emergency and I’m calling all Californians to conserve water in every possible way.”*

After sustaining previous droughts (1987-1992, 2000-2002, and 2007-2009), West Basin has pursued new programs and projects to maximize existing water supplies, and educate residents about the importance of water use efficiency.

These programs have included 1) water recycling projects, to replace the use of potable water, with treated recycled water; 2) water conservation initiatives including low flow toilet and shower head giveaways, rebate programs for grass turf removal, kitchen retrofit projects and ocean friendly garden installations; 3) administrative programs intended to reward customers who reduce their water usage (i.e. tiered rate structures); 4) a groundwater cleanup program: most recently researching ocean water desalination: and ongoing water efficiency programs for youth and adult audiences.

Accordingly, West Basin began planning for such dry conditions in the early 1990's with the construction of the Edward C. Little Water Recycling Facility. Since then, we have expanded our facility four times, have become a leader in water use efficiency and conservation (on track to reach our state mandated 20% reduction by 2020 or before), and are currently exploring the responsible use of ocean water desalination to augment our future water supply portfolio.

West Basin has initiated a goal program called Water Reliability 2020 designed to reduce West Basin's dependence on imported water from 66% then to 33% by 2020. This would be accomplished by doubling the recycling and conservation programs and adding 10% of the District's future water supplies from ocean water desalination. To date, more than 10,000 residents have signed on to support West Basin's Water Reliability 2020 Program.

Metropolitan Water District of Southern California and other Southern California water agencies are also developing questions and answers to support the current drought situation. These answers lie in how past investments in local water projects, storage and other water efficiency projects has allowed these agencies to deliver water during this dry period without restrictions or allocations.

Below are talking points for West Basin's Board of Directors and staff to explain how our investment in local supplies is now providing great benefit to our customers. *(FYI> Metropolitan Water District of Southern California's current talking points are also attached).*

Goal

The goal of this drought outreach plan is to inform key constituents and/or stakeholders of the fact that their support of our water reliability efforts is paying off. Due to this investment, West Basin is not issuing water restrictions or allocations during the current drought. Another goal of this plan is to use the current situation to encourage maximum voluntary conservation and water efficiency.

Strategy

Use the current drought environment to remind customers that West Basin's Water Reliability Program is doing exactly what it was designed to: (1) Provide reliable water even during times of drought and water shortages and (2) also encourage conservation and water efficiency.

Target Audiences

The target audiences for this communications plan include: West Basin's 17 cities and primary eight customers, recycled water customers, local state and federal elected officials, staff, media, SBESC, Chambers, and subscribers to our e-newsletter.

Proposed Talking Points and Tactics to Support the Plan

Drought Talking Points

1. We are not rationing water during the current drought because of West Basin's investment in its Water Reliability 2020 program and Metropolitan Water District of Southern California's (MWD) similar investment in storage and other water supply programs.
2. We will continue to expand our recycling and investigate ocean-water desalination, but we need your help now with water efficiency and conservation programs.

3. Now is the time to be most efficient with the water we have available and protect our current water in storage. Now is also the time to take advantage of West Basin's free water conservation and efficiency programs.
4. Over the past twenty years, all of Southern California, through MWD, has invested more than \$5 billion in storage, infrastructure and local water supply improvements to sustain the area during extremely dry periods.
5. Locally, West Basin has invested over \$600 million in water recycling and conservation programs to provide reliable, drought-proof water supplies for its 17 cities and nearly 1 million customers.

Channels of Communication and Tactics

1. Send out a special drought-related e-newsletter explaining how West Basin's investment in a locally-controlled and reliable water portfolio is paying great dividends and is why we are not rationing water.
2. Send letters from Board members to the cities they represent explaining the positive story of our proactive investment in reliable water supplies and as a result there will be no water rationing.
3. At the time of the next measurement of the snowpack, probably in February, consider holding a press conference at the Edward C. Little plant with one of our local State elected representatives.
4. Use the South Bay Environmental Service Center to help us reach city officials and businesses with redistribution of our e-newsletter article.
5. Mention of West Basin's reliability efforts and the reasons we are not rationing water at our OFG's, landscape classes, special events and Water 101 classes.

6. Consider issuing a drought press release/solicit coverage of ECL facility.
7. Revamp front page of web site to note drought and add tips for water efficiency.
8. Do an end of year Annual Report newspaper advertisement to: thank our customers, note our achievements and highlight the drought and the need to conserve.

Measurement

Plan will be considered successful if we reach all of our key audiences with our drought reliability and conservation messages.

Attachment:

Metropolitan Water District of Southern California's current drought talking points

D

Attachment D: Public Notices



17140 S. Avalon Blvd.
Carson, CA 90746

310-217-2411
www.westbasin.org

April 7, 2021

Notice of Public Hearing on the West Basin Municipal Water District Draft 2020 Urban Water Management Plan, Draft 2021 Water Shortage Contingency Plan, and Draft Appendix I to the 2015 UWMP

Dear Valued Customers and Stakeholders,

The West Basin Municipal Water District (West Basin) is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP) in compliance with the Urban Water Management Planning Act. In addition, West Basin is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

West Basin is required to notify its retailers as well as cities and counties within its service area that it is preparing its 2020 UWMP, 2021 WSCP, and Appendix I of the 2015 UWMP updates at least 60 days prior to holding a public hearing. The public hearing is scheduled as part of a West Basin Board meeting on **June 10, 2021 at 10:00 a.m. This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).**

This letter serves as West Basin's official public hearing notice and intent to adopt the 2020 UWMP, 2021 WSCP, and Appendix I of the 2015 UWMP before the July 1, 2021 deadline. A copy of West Basin's draft 2020 UWMP and WSCP will be available for review on the West Basin's website (www.westbasin.org) by May 27, 2021. West Basin will distribute a public draft review notification on or before May 25, 2021 with information on how to access the draft documents. Until that time, if you have any questions, comments, or input, please contact E.J. Caldwell, Water Policy & Resources Development Manager, via email at edwardc@westbasin.org or by phone at (310) 660-6286.

Sincerely,

A handwritten signature in blue ink that reads "Patrick Sheilds".

Patrick Sheilds
General Manager
West Basin Municipal Water District

BOARD OF DIRECTORS

Harold C. Williams
President

Donald L. Dear
Vice President

Scott Houston
Treasurer

Desi Alvarez
Secretary

Gloria D. Gray
Immediate Past President

GENERAL MANAGER: Patrick Sheilds

From: [E.J. Caldwell](mailto:E.J.Caldwell@torranceca.gov)
To: cbilezerian@torranceca.gov
Cc: CSCHAICH@TorranceCA.gov; [Patrick Shields](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: FW: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:59:03 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Craig,

On behalf of West Basin Municipal Water District, I want to thank the City of Torrance, you, and your staff for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, your staff has provided great assistance, and we look forward to your continued participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@westbasin.org)
To: GregG@rollinghillsestatesca.gov
Cc: sarahh@rollinghillsestatesca.gov; alexad@rollinghillsestatesca.gov; Patrick Sheilds; Julie Frazier-Mathews; Matthew Veeh; Rob Morrow
Subject: FW: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:38:03 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Mr. Grammer,

On behalf of West Basin Municipal Water District, I want to thank the City of Rolling Hills Estates for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@westbasin.org)
To: aram@rpvca.gov
Cc: kbanales@rpvca.gov; citymanager@rpvca.gov; [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: FW: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:26:55 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Mr. Mihranian,

On behalf of West Basin Municipal Water District, I want to thank the City of Rancho Palos Verdes for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@cityofgardena.org)
To: citymanager.web@cityofgardena.org
Cc: [Patrick Sheilds](mailto:Patrick.Sheilds@cityofgardena.org); [Julie Frazier-Mathews](mailto:Julie.Frazier-Mathews@cityofgardena.org); [Rob Morrow](mailto:Rob.Morrow@cityofgardena.org); [Matthew Veeh](mailto:Matthew.Veeh@cityofgardena.org); nsweeney@cityofgardena.org; rdesantiago@cityofgardena.org
Subject: FW: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:00:56 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Mr. Osorio,

On behalf of West Basin Municipal Water District, I want to thank the City of Gardena for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](#)
To: ccarrillo@mwdh2o.com; [Polyzos, Demetri J](#)
Cc: [Rob Morrow](#); [Matthew Veeh](#)
Subject: FW: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 5:15:16 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Demetri and Carlos,

On behalf of West Basin Municipal Water District, I want to thank you and the MWD for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, you have been very helpful, and we look forward to your continued participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@westbasin.org)
To: info@surfrider-southbay.org
Cc: craig@surfrider-southbay.org; [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 5:02:49 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Craig,

On behalf of West Basin Municipal Water District, I want to thank you and Surfrider for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your continued participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@westbasin.org)
To: citymanager@weho.org; parevalo@weho.org
Cc: jrocco@weho.org; [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Matthew Veeh](#); [Rob Morrow](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:49:37 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Mr. Arevalo,

On behalf of West Basin Municipal Water District, I want to thank the City of West Hollywood for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your continued participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@cityofrh.net)
To: ejeng@cityofrh.net
Cc: cviramontes@cityofrh.net; [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:33:05 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Ms. Jeng,

On behalf of West Basin Municipal Water District, I want to thank the City of Rolling Hills for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@westbasin.org)
To: joe.hoefgen@redondo.org
Cc: ted.semaan@redondo.org; [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:29:31 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Joe,

On behalf of West Basin Municipal Water District, I want to thank the City of Redondo Beach for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@westbasin.org)
To: citymanager@pvestates.org; Lguglielmo@Pvestates.Org
Cc: Ccowley@Pvestates.Org; [Patrick Sheilds](mailto:Patrick.Sheilds@westbasin.org); [Julie Frazier-Mathews](mailto:Julie.Frazier-Mathews@westbasin.org); [Rob Morrow](mailto:Rob.Morrow@westbasin.org); [Matthew Veeh](mailto:Matthew.Veeh@westbasin.org)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:23:26 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Ms. Guglielmo,

On behalf of West Basin Municipal Water District, I want to thank the City of Palos Verdes Estates for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@westbasin.org)
To: rfeldman@malibucity.org
Cc: RDuboux@malibucity.org; [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:19:26 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Ms. Feldman,

On behalf of West Basin Municipal Water District, I want to thank the City of Malibu for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@westbasin.org)
To: KChun@lawndalecity.org; dparsley@lawndalecity.org
Cc: [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:16:43 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Mr. Chun,

On behalf of West Basin Municipal Water District, I want to thank the City of Lawndale for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:Edward.Caldwell@westbasin.org)
To: suja@hermosabch.org
Cc: [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:09:41 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Suja,

On behalf of West Basin Municipal Water District, I want to thank the City of Hermosa Beach for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@cityofhawthorne.org)
To: elee@cityofhawthorne.org
Cc: [Iriarte, Gerardo](#); [Norris, Von](#); [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:07:23 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Mr. Lee,

On behalf of West Basin Municipal Water District, I want to thank the City of Culver City for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, we look forward to your participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@westbasin.org)
To: john.nachbar@culvercity.org
Cc: [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Matthew Veeh](#); [Rob Morrow](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 3:55:17 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Mr. Nachbar,

On behalf of West Basin Municipal Water District, I want to thank the City of Culver City for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

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If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:ELanders@carsonca.gov)
To: [SLLanders@carsonca.gov](mailto:ELanders@carsonca.gov)
Cc: [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 3:53:48 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Ms. Landers,

On behalf of West Basin Municipal Water District, I want to thank the City of Carson for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

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If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](#)
To: rbeste@wrd.org
Cc: [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 3:23:25 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Rob,

On behalf of West Basin Municipal Water District, I want to thank you and your staff for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, your team has provided great assistance, and we look forward to your continued participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](#)
To: [Russ Bryden](#); drydman@dpw.lacounty.gov; eballesteros@dpw.lacounty.gov; KESKRIDGE@dpw.lacounty.gov
Cc: [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 3:21:15 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Russ,

On behalf of West Basin Municipal Water District, I want to thank you and your staff for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, your team has provided great assistance, and we look forward to your continued participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](#)
To: Knutting@gswater.com; ccpak@gswater.com; ALCHAVEZ@gswater.com
Cc: [Greg Young](#); [Jim Crowley](#); [Gwyn-Mohr Tully](#); [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 3:11:59 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Kate,

On behalf of West Basin Municipal Water District, I want to thank Golden State Water, you, and your staff for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, your team has provided great assistance, and we look forward to your continued participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](#)
To: c.dillon@lomitacity.com; m.andersen@lomitacity.com; philw@westaeng.com; jakec@westaeng.com
Cc: [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Matthew Veeh](#); [Rob Morrow](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 2:59:29 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Carla,

On behalf of West Basin Municipal Water District, I want to thank the City of Lomita, you, and your staff for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, your staff has provided great assistance, and we look forward to your continued participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](#)
To: LAtwell@Cityofinglewood.org; [Thomas Lee](#); [Herda, Anthony](#)
Cc: [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 2:49:12 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Mr. Atwell,

On behalf of West Basin Municipal Water District, I want to thank the City of Inglewood, you, and your staff for your continued support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, your staff has provided great assistance, and we look forward to your continued participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@westbasin.org)
To: smitnick@elsegundo.org
Cc: aesparza@elsegundo.org; mwatkins@elsegundo.org; [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Matthew Veeh](#); [Rob Morrow](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 2:39:38 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Mr. Mitnick,

On behalf of West Basin Municipal Water District, I want to thank the City of El Segundo, you, and your staff for your ongoing support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, your staff has provided great assistance, and we look forward to your continued participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](#)
To: mhurley@calwater.com; mbolzowski@calwater.org; rsorensen@calwater.com; scordone@calwater.com; darmendariz@calwater.com
Cc: [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Matthew Veeh](#); [Rob Morrow](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 2:25:39 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Dan and Michael,

On behalf of West Basin Municipal Water District, I want to thank California Water Service for your ongoing support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

Through this effort, your team has provided great assistance, and we look forward to your continued participation. Attached, please find the Notice of Public Hearing for the West Basin Municipal Water District 2020 Urban Water Management Plan. **The public hearing is scheduled as part of a WBMWD Board meeting on June 10, 2021 at 10:00 a.m.** This meeting will be available virtually, and will be properly noticed on the West Basin website (www.westbasin.org).

If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](mailto:E.J.Caldwell@westbasin.org)
To: geoff.williamson@amwater.com; [nina.miller](mailto:nina.miller@amwater.com); garry.hofer@amwater.com
Cc: [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Matthew Veeh](#); [Rob Morrow](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 2:22:20 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Garry Hofer,

On behalf of West Basin Municipal Water District, I want to thank you and your staff for your ongoing support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

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If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](#)
To: bmoe@citymb.info
Cc: sigoe@citymb.info; [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Matthew Veeh](#); [Rob Morrow](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 2:17:43 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Bruce Moe,

On behalf of West Basin Municipal Water District, I want to thank the City of Manhattan Beach, you, and your staff for your ongoing support for West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

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If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**

310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](#)
To: [Kelly Clark](#); bruce@lwaterkeeper.org
Cc: [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 5:07:02 PM
Attachments: [Notice Public Hearing West Basin MWD 2020 UWMP.pdf](#)
Importance: High

Dear Kelly,

On behalf of West Basin Municipal Water District, I want to thank you for your interest in West Basin's planning activities. As required by the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

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If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
213.500.0379 Mobile
edwardc@westbasin.org

From: [E.J. Caldwell](#)
To: elee@cityofhawthorne.org
Cc: [Iriarte, Gerardo](#); [Norris, Von](#); [Patrick Sheilds](#); [Julie Frazier-Mathews](#); [Rob Morrow](#); [Matthew Veeh](#)
Subject: RE: Notice of Public Hearing for West Basin MWD's 2020 Urban Water Management Plan
Date: Thursday, April 8, 2021 4:13:19 PM
Importance: High

Dear Mr. Lee,

I apologize for the error in the previous message sent moments ago. Please know that we are very grateful for all the support we receive from the City of Hawthorne! As noted, per the Urban Water Management Planning Act, West Basin is in the process of preparing its 2020 Urban Water Management Plan (UWMP) and 2021 Water Shortage Contingency Plan (WSCP). In addition, WBMWD is preparing an appendix to both the 2015 UWMP and 2020 UWMP to demonstrate consistency with the Delta Plan Policy WR P1, Reduced Reliance on the Delta Through Improved Regional Water Self-Reliance (California Code Reg., tit.23, §5003). The 2015 UWMP is being amended only to report reduced reliance on the Delta and this action is separate from adoption of the 2020 UWMP and adoption of the 2021 WSCP.

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If you or your staff have any questions, please feel free to give me a call.

Sincerely,



E.J. Caldwell, Esq.
**Water Policy & Resources Development
Manager**
310.660.6286 Office
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edwardc@westbasin.org

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MICHAEL CALABRIA
WEST BASIN MWD
17140 S AVALON BLVD
CARSON, CA 90746

COPY OF NOTICE

Notice Type: HRG NOTICE OF HEARING

Ad Description

DRAFT 2020 URBAN WATER MANAGEMENT PLAN DRAFT WATER SHORTAGE CONTINGENCY PLAN AND DRAFT APPENDIX 1 TO 2015

To the right is a copy of the notice you sent to us for publication in the LOS ANGELES SENTINEL. Please read this notice carefully and call us with any corrections. The Proof of Publication will be filed with the County Clerk, if required, and mailed to you after the last date below. Publication date(s) for this notice is (are):

05/27/2021 , 06/03/2021

The charge(s) for this order is as follows. An invoice will be sent after the last date of publication. If you prepaid this order in full, you will not receive an invoice.

Table with 2 columns: Description, Amount. Rows: Publication (\$988.32), Total (\$988.32)

CNS# 3473202

Notice of Public Hearing
DRAFT 2020 URBAN WATER MANAGEMENT PLAN, DRAFT WATER SHORTAGE CONTINGENCY PLAN, AND DRAFT APPENDIX I TO 2015 URBAN WATER MANAGEMENT PLAN

The West Basin Municipal Water District (West Basin) Board of Directors will hold a public hearing on Thursday, June 10, 2021 at 10:00 AM, to receive comments on the District's draft 2020 Urban Water Management Plan (UWMP), draft Water Shortage Contingency Plan (WSCP), and draft Appendix I as an addendum to its 2015 UWMP.

The public hearing will be conducted during a West Basin Special Board meeting. Pursuant to the Governor's Executive Orders of March 12, 2020, and March 19, 2020, this meeting will be hosted by teleconference, with no physical meeting location being provided. Meeting details are provided herein:

West Basin Board of Directors: Special Board Meeting
Thursday, June 10, 2021 at 10:00 AM
Teleconference Participation Only
(GoToMeeting and Phone-In Number)

The public hearing will be live streamed through GoToMeeting and will also be recorded. The meeting may be accessed using the following link on the West Basin website: http://wbmwdca.iqm2.com/Citizen/Default.aspx (Please check this website for additional details including final agenda and agenda packet).

The 2020 UWMP assesses West Basin's water resources portfolio, demands, and planning strategies over the next 25 years, as a requirement set forth by the California Department of Water Resources. The draft

2020 UWMP complies with state law requiring urban water suppliers to prepare and update urban water management plans every five years.

The draft WSCP describes how West Basin is prepared to respond to a variety of water shortage conditions. West Basin's draft WSCP satisfies the requirements of the California Water Code.

The draft Appendix I to the 2015 UWMP and draft Appendix D to the 2020 UWMP includes all of the elements described in Delta Plan Policy WR P1, Reduce Reliance on the Delta Through Improved Regional Water Self-Reliance (Cal. Code Regs. tit. 23, § 5003) which need to be included in a water supplier's UWMP to support a certification of consistency for a future covered action.

Final drafts of the 2020 UWMP, WSCP, and Appendix I to the 2015 UWMP may be viewed on the West Basin website at www.westbasin.org. Public input is welcomed and will be considered prior to finalizing the 2020 UWMP, WSCP, and Appendix I to the 2015 UWMP. All written comments must be received by 5:00 PM PDT on June 9, 2021.

For more information, or to provide comments on the draft 2020 UWMP, draft WSCP, and draft Appendix I to the 2015 UWMP, please contact E.J. Caldwell, Manager of Water Policy and Resources Development at edwardc@westbasin.org. 5/27, 6/3/21
CNS-3473202#
LOS ANGELES SENTINEL



Aviso de Audiencia Pública

BORRADOR DEL PLAN DE GESTIÓN DE AGUAS URBANAS 2020, BORRADOR DEL PLAN DE CONTINGENCIA POR ESCASEZ DEL AGUA, Y BORRADOR DEL APÉNDICE I PARA EL PLAN DE GESTIÓN DE AGUAS URBANAS 2015

La Junta de Directores de West Basin Municipal Water District (West Basin) llevará a cabo una audiencia pública el **lunes 10 de junio de 2021 a las 10:00 AM**, para recibir comentarios sobre el borrador del Plan de Gestión del Agua Urbana (UWMP, por sus siglas en inglés) del Distrito, el borrador del Plan de Contingencia por Escasez de Agua (WSCP, por sus siglas en inglés) y el borrador del Apéndice I como un adendum a su UWMP de 2015.

La audiencia pública se llevará a cabo durante una reunión Especial de la Junta de West Basin. De conformidad con las Ordenes Ejecutivas del Gobernador del 12 de marzo de 2020, esta reunión será presentada por teleconferencia, sin que se proporcione una ubicación física para la reunión. Aquí se proporcionan los detalles de la reunión:

Junta de Directores de West Basin: Reunión Especial de la Junta

Jueves 10 de junio de 2021 a las 10:00 AM

Solo Participación en Teleconferencia (GoToMeeting y Número con Llamadas)

La audiencia pública será transmitida en vivo a través de GoToMeeting y también será grabada. Se puede acceder a la reunión utilizando el siguiente enlace en el sitio web de West Basin: <http://wbtmwdca.gotomeeting.com/Join.aspx?Default.aspx> (Consulte este sitio web para detalles adicionales, incluyendo la agenda final y el paquete de la agenda).

El UWMP de 2020 evalúa la cartera de recursos hídricos de West Basin, y las estrategias de planificación durante los próximos 25 años, como un requisito establecido por el Departamento de Recursos Hídricos de California. El borrador del UWMP de 2020 cumple con la ley estatal que requiere que los proveedores de agua urbana preparen y actualicen los planes de gestión de agua urbana cada cinco años.

El borrador WSCP describe cómo el West Basin está preparada para responder a una variedad de condiciones de escasez de agua. El borrador WSCP de West Basin satisface los requisitos del Código de Aguas de California.

El borrador del Apéndice I al UWMP de 2015 y el borrador del Apéndice D al UWMP de 2020 incluye todos los elementos descritos en la Política del Plan Delta WR P1, Reducir la Dependencia Delta a Través de la Autosuficiencia Regional Mejorada del Agua (Código de Regs. De Cal. tit. 23, § 5003) que deben ser incluidos en un UWMP del proveedor de agua para respaldar una certificación de consistencia para una futura acción cubierta.

Los borradores finales del UWMP de 2020, WSCP, y el Apéndice I al UWMP de 2015 pueden ser vistos en el sitio web de Basin West en www.westbasin.org. Las aportaciones del público son bienvenidas y serán consideradas antes de finalizar el UWMP de 2020, WSCP y el Apéndice I al UWMP de 2015. **Todos los comentarios escritos deben ser recibidos antes de las 5:00 PM PDT del 9 de junio de 2021.**

Para obtener más información, o para proporcionar comentarios sobre el borrador UWMP de 2020, el borrador WSCP, y el borrador del Apéndice I al UWMP de 2015, comuníquese con E.J. Caldwell, Gerente de Desarrollo de Recursos y Políticas del Agua en edcaldw@westbasin.org.

Notice of Public Hearing

DRAFT 2020 URBAN WATER MANAGEMENT PLAN, DRAFT WATER SHORTAGE CONTINGENCY PLAN, AND DRAFT APPENDIX I TO 2015 URBAN WATER MANAGEMENT PLAN

The West Basin Municipal Water District (West Basin) Board of Directors will hold a public hearing on **Thursday, June 10, 2021 at 10:00 AM**, to receive comments on the District's draft 2020 Urban Water Management Plan (UWMP), draft Water Shortage Contingency Plan (WSCP), and draft Appendix I as an addendum to its 2015 UWMP.

The public hearing will be conducted during a West Basin Special Board meeting. Pursuant to the Governor's Executive Orders of March 12, 2020, and March 19, 2020, this meeting will be hosted by teleconference, with no physical meeting location being provided. Meeting details are provided herein:

West Basin Board of Directors: Special Board Meeting

**Thursday, June 10, 2021 at 10:00 AM
Teleconference Participation Only (GoToMeeting and Phone-In Number)**

The public hearing will be live streamed through GoToMeeting and will also be recorded. The meeting may be accessed using the following link on the West Basin website: <http://wbmwdca.iqm2.com/Citizens/Default.aspx> (Please check this website for additional details including final agenda and agenda packet).

The 2020 UWMP assesses West Basin's water resources portfolio, demands, and planning strategies over the next 25 years, as a requirement set forth by the California Department of Water Resources. The draft 2020 UWMP complies with state law requiring urban water suppliers to prepare and update urban water management plans every five years.

The draft WSCP describes how West Basin is prepared to respond to a variety of water shortage conditions. West Basin's draft WSCP satisfies the requirements of the California Water Code.

The draft Appendix I to the 2015 UWMP and draft Appendix D to the 2020 UWMP includes all of the elements described in Delta Plan Policy WR P1, Reduce Reliance on the Delta Through Improved Regional Water Self-Reliance (Cal. Code Regs. tit. 23, § 5003) which need to be included in a water supplier's UWMP to support a certification of consistency for a future covered action.

Final drafts of the 2020 UWMP, WSCP, and Appendix I to the 2015 UWMP may be viewed on the West Basin website at www.westbasin.org. Public input is welcomed and will be considered prior to finalizing the 2020 UWMP, WSCP, and Appendix I to the 2015 UWMP. **All written comments must be received by 5:00 PM PDT on June 9, 2021.**

For more information, or to provide comments on the draft 2020 UWMP, draft WSCP, and draft Appendix I to the 2015 UWMP, please contact E.J. Caldwell, Manager of Water Policy and Resources Development at edwardc@westbasin.org.
Gardena Valley News 5/27,6/3/21-105922

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Published The Malibu Times 5/27, 6/3/21

E

Attachment E: Adoption Resolution

