2023 Water Shortage Contingency Plan

ELSINORE VALLEY
MUNICIPAL WATER DISTRICT

Water Shortage Contingency Plan

FINAL

NOVEMBER 2023

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ATTACHMENTS

Water Shortage Contingency Plan

The Water Shortage Contingency Plan (WSCP; or Plan) is a strategic plan that Elsinore Valley Municipal Water District (EVMWD) uses to prepare for and respond to foreseeable and unforeseeable water shortages. A water shortage occurs when the water supply available is not sufficient to meet the normally expected customer water use at a given point in time. A shortage may occur due to many reasons, such as an extended drought, water pollution, a power outage, and/or a catastrophic event.

The WSCP is used to provide guidance to EVMWD's Board of Directors (Board), staff, and the public by identifying anticipated water shortages and response actions to manage any water shortage with predictability and accountability in an efficient manner. This WSCP is not intended to provide absolute direction; rather, it is intended to provide a working framework and options to help guide the EVMWD's response to water shortages.

The purpose of the WSCP is to conserve the available water supply and protect the water supply's integrity while also protecting and preserving public health, welfare, and safety. Preparation provides the tools to maintain reliable supplies and reduce the impacts of supply interruptions during a water shortage.

Water shortages can be triggered by a hydrologic limitation in supply (i.e., a prolonged period of below normal precipitation and runoff), limitations or failure of supply and treatment infrastructure, or both. Hydrologic or drought limitations tend to develop and abate more slowly, whereas infrastructure failure tends to happen quickly and relatively unpredictably.

Water supplies may be interrupted or reduced significantly in several ways, such as during a drought that limits supplies, an earthquake that damages water delivery or storage facilities, a regional power outage, or a toxic spill that affects water quality.

The WSCP describes the following:

- **Water supply reliability analysis:** EVMWD's water supply analysis and reliability are described and any key issues that may trigger a shortage condition are identified.
- **Annual water supply and demand assessment procedures:** The key data inputs, evaluation criteria, and methodology for assessing the system's reliability are described for the coming year, as are the steps to formally declare any water shortage levels and response actions.
- **Shortage stages:** Water shortage levels are established to clearly identify and prepare for shortages.
- **Shortage response actions:** Response actions are described that may be implemented or considered for each stage to reduce gaps between supply and demand.
- **Communication protocols:** Communication protocols under each stage are described to ensure customers, the public, and government agencies are informed of shortage conditions and requirements.

- **Compliance and enforcement:** Compliance and enforcement actions available to administer demand reductions are defined.
- **Legal authority:** The legal documents are summarized that grant EVMWD the authority to declare a water shortage and implement and enforce response actions. EVMWD's Ordinance □□□ , adopted on □□□□, 20□□ provides EVMWD the authority to adopt and enforce a WSCP. Ordinance □□□ outlines the shortage stages and response actions identified in this WSCP.
- **Financial consequences of WSCP implementation:** The anticipated financial impacts of water shortage stages are described and mitigation strategies to offset financial burdens are identified.
- **Monitoring and reporting:** The monitoring and reporting techniques to evaluate the effectiveness of shortage response actions and overall WSCP implementation are summarized. Results are used to determine if additional shortage response actions should be activated, if efforts are successful, and if response actions should be adjusted.
- **WSCP refinement procedures:** Factors that may trigger updates to the WSCP are described, and the WSCP outlines how to complete an update.
- **Special water-features distinctions:** Considerations are defined, and definitions are provided for water use for decorative features versus pools and spas. Decorative features include ornamental fountains, ponds, and other aesthetic features.
- **Plan adoption, submittal, and availability:** The WSCP adoption process, submittal, and availability after each revision are described.

The initial 2020 WSCP was prepared in conjunction with EVMWD's 2020 Urban Water Management Plan (UWMP) and is a standalone document that can be modified as needed. This 2023 WSCP, which is an update of the 2020 WSCP document, is compliant with the California Water Code Section 10632 and guidance was incorporated in it from the State of California Department of Water Resources UWMP Guidebook 2020 (California Department of Water Resources, 2021).

The WSCP addresses several types of water supply shortages that could potentially impact EVMWD and its customers, including:

- Short-term supply shortages due to a decrease in surface water and groundwater levels, natural or manmade catastrophic emergencies, or production capacity limitations
- Long-term supply shortages due to prolonged drought, groundwater over pumping, contamination, destruction of critical water supply facilities, and so forth

EVMWD also developed a Drought Contingency Plan (DCP) in 2018, which was used to develop this WSCP. The DCP includes information on drought monitoring, a drought vulnerability assessment, mitigation actions, response actions, and operational and administrative frameworks for the implementation of the DCP. The DCP was developed in response to significant droughts in California that severely affected water supplies. Under the DCP, EVMWD developed a drought-monitoring framework that was used to monitor near- and long-term water availability and described steps for confirming existing droughts and predicting droughts. Details for this process include analyzing weather indices like the Palmer Drought Severity Index and the Standard Precipitation Index from the National Oceanic and Atmospheric Administration. In addition, EVMWD will monitor supply availability for both local and imported water sources, infrastructure operability, and any statewide mandates that may influence supply and demand (Civiltec for Elsinore Valley Municipal Water District, 2018). Additional information on the drought monitoring framework is provided in the DCP.

1.1 Water Supply Reliability Analysis

This section is structured in accordance with California Water Code (CWC) Section 10632(a)(1) and describes the key findings of the water supply reliability analysis that was conducted pursuant to CWC Section 10635, which is presented in **Chapter 7** of the EVMWD's 2020 UWMP (WSC, 2021). Understanding the water supply reliability factors provides EVMWD with a solid basis for developing appropriate and feasible response actions during a water shortage.

1.1.1 Supply Characterization

EVMWD's three primary sources of potable water supply are:

1. Local groundwater pumped from EVMWD-owned wells.
2. Surface water from Canyon Lake Reservoir and treated by the Canyon Lake Water Treatment Plant (CLWTP). This source is offline until treatment upgrades are completed.
3. Imported water purchased from Metropolitan Water District (Metropolitan) through Western Municipal Water District (Western)

EVMWD first relies on local supplies prior to importing water. EVWMD is planning to use these supplies to meet its future demands under normal, single-dry, and five-consecutive-year drought conditions.

EVMWD is also planning to implement the following projects to increase the reliability of its supplies:

- **Palomar well replacement** — anticipated to be completed in early 2024
- **Lee Lake Basin wells** — anticipated to be completed in early 2025
- **Treatment upgrades at CLWTP** — anticipated to be completed in 2027
- **Indirect Potable Reuse (IPR) at the Regional Wastewater Reclamation Facility** — anticipated to be completed in 2035

The new projects have the potential to increase the water supply by 10,245 acre-feet per year (AFY) by 2045.

Furthermore, EVMWD has access to several additional water sources through its acquisition of the Temescal Water Company assets in 1989. These consist of groundwater from the Bunker Hill, Rialto-Colton, Riverside North, Redford, Coldwater, and Lee Lake basins, and surface water from Temescal Creek and several tributary creeks. Currently, EVWMD has a 20-year agreement with Western to lease EVMWD's water rights in the San Bernardino Basin Area, totaling 4,680 AFY. The lease agreement, which provides a cost savings to Western customers and revenue to EVMWD, also includes four optional five-year extensions.

EVMWD also has a recycled-water network that delivers non-potable recycled water to customers in four different service areas. Three of the service areas are supplied by EVMWD and one recycled-water service area is supplied from the Santa Rosa Water Reclamation Facility owned by Santa Rosa Regional Resources Authority. All three of EVMWD's water reclamation facilities produce tertiary recycled water.

1.1.2 Water Service Reliability Assessment

In the 2020 UWMP, EVMWD conducted a Water Service Reliability Assessment to compare the total water supply sources available to long-term projected water demands over the next 25 years, in five-year increments, for a normal, single-dry year, and a five-year consecutive dry period. This analysis indicates that EVMWD's water supply portfolio is reliable under all scenarios and anticipates meeting demands through local and imported water sources.

1.1.3 Drought Risk Assessment

New to the 2020 UWMP, CWC Section 10635 (b) requires a Drought Risk Assessment (DRA), an analysis to evaluate the current supply reliability for 2021–2025 under stressed hydrologic conditions. This short-term analysis can help water suppliers foresee undesired risks, such as upcoming shortages, and allow for proactive steps to be taken before the next actual drought period that lasts at least five consecutive years.

EVMWD may use this analysis to determine how severe near-term shortages will be and identify the appropriate shortage level. The 2020 EVMWD DRA concluded that if a drought were to occur within the next five years, EVMWD's water supply portfolio is reliable and can still meet customer demands. EVMWD does not anticipate any supply shortages within the next five years from local or imported water sources.

1.1.4 Water Supply Reliability Risks

EVMWD's water supply may be threatened by different risks. Imported water may be affected greatly by climate change, whereas local groundwater and surface water may be affected more strongly by water quality issues. Risks to imported water, local groundwater, and surface water are summarized below and detailed in Chapter 7 of the 2020 UWMP.

Imported water supply may be significantly affected by climate change. Climate change is anticipated to increase the frequency and intensity of droughts and flooding, alter the timing of snowmelt, and increase variability in precipitation while raising average temperatures and increasing sea levels. This may affect the amount of water available in the □ay-Delta and Colorado River systems and possibly limit EVMWD's access to imported water.

Local groundwater may be affected by over pumping. However, local groundwater basins have, or will soon have, Groundwater Sustainability Plans (GSPs) in place to guide water agencies to properly manage groundwater basins and ensure sustainability for future generations, in accordance with the Sustainable Groundwater Management Act. EVMWD extracts groundwater from the Elsinore □asin, which is also negatively affected by nitrates and arsenic. To combat high levels of nitrates, EVMWD continues to monitor and treat groundwater by blending it with other higher-quality water. To address arsenic, EVMWD treats groundwater at the □ack □asin Groundwater Treatment Plant and blends it with other higher-quality water prior to conveyance to customers.

In addition, surface water from Canyon Lake is currently affected by per- and polyfluoroalkyl substances (PFAS) and, therefore, is not used as an active supply source. EVMWD is monitoring PFAS levels and working on a solution to reinstate Canyon Lake as an active supply source by early to mid-2025.

1.2 Annual Water Supply and Demand Assessment

This section is structured in accordance with CWC Section 10632(a)(2) and describes the methodology for preparing and submitting the Annual Water Shortage Assessment Report (annual report) to DWR, due July 1 each year starting in 2022. □ecause EVMWD receives imported water from the State Water

Project, EVMWD may submit the annual report within 14 days of receiving its final allocations, or by July 1 of each year, whichever is later. This section also discusses the decision-making process to formally approve any water shortage levels and response actions.

The annual report must include the annual water supply and demand assessment (Annual Assessment) results with information on how EVMWD intends to respond to shortages, if any. The Annual Assessment is an evaluation of the near-term outlook for supplies and demands. It is used to determine whether the potential for a supply shortage exists and whether there is a need to trigger WSCP shortage level and response actions in the current calendar year to maintain supply reliability. The annual report should report the anticipated shortage level, triggered shortage response actions, compliance and enforcement actions, and communication actions that will be implemented to mitigate the shortage identified in the Annual Assessment. The preparation of this report will inform the □oard, the public, and state and local agencies about EVMWD's water supply conditions and the likelihood of water shortages.

The annual report process will take place at the same time each year on the basis of known circumstances and information available to EVMWD at the time of analysis and can be updated or revised at any time if circumstances change. EVMWD will establish and convene a WSCP Team to conduct the Annual Assessment each year.

The operational and administrative framework of the 2018 DCP has been revised to assign specific roles and responsibilities for the execution of the DCP. It is worth noting that the same team responsible for implementing the DCP will also be responsible for implementing the WSCP. **Table 1** provides a detailed breakdown of the updated key members of both the WSCP and DCP teams, along with the respective responsibilities associated with each element of the plans.

Table 1. Operational and Administrative Framework

TASK	TASK FORCE LEAD(S)	RESPONSIBILITIES
Annual Assessment (WSCP)/ Drought Monitoring (DCP)	Director of Water Resources	Data collection, observation, drought forecast, monitor hydrologic conditions, and share information with stakeholders.
Vulnerability Assessment	Director of Water Resources	Climate change assessment, vulnerability assessment.
Mitigation Actions	Director of Water Resources and Director of Engineering	Evaluate and initiate infrastructure opportunity for mitigation actions.
Response Actions	Director of Water Resources, Director of Community Relations, and Assistant General Manager	Create and identify response actions, stages and fines, relationship, education, communication, and initiate response actions.
Plan Actions	Director of Water Resources	Create plan update process and assign personnel.

EVMWD's Annual Assessment procedure, including key data inputs, evaluation criteria, and responsible staff is summarized in **Table 2**.

Table 2. Annual Assessment Procedure

TIMING	ASSESSMENT ACTIVITIES	PROCEDURE, KEY DATA INPUTS, EVALUATION CRITERIA AND OTHER CONSIDERATIONS	EVMWD STAFF RESPONSIBLE
March	Estimate unconstrained demands for the upcoming year	EVMWD evaluates water budgets every two-years and will utilize this effort to determine anticipated demands for the coming year. Water budgets will be compared to actual demand use to ensure actual demand trends represent the forecasted water budget estimate to build reliability.	Director of Water Resources Principal Water Resources Planner/Engineer
March	Estimate available supplies for the year, considering the following year will be dry	EVMWD anticipates that sufficient imported supplies will be available to meet demands, even in dry years, based on Metropolitan and Western's 2020 UWMP. If Metropolitan enacts their Water Shortage Allocation Plan (WSAP) and declares a shortage stage (typically done in the spring of a given year if needed), normal quantities of water will still be available, but will be charged at penalty rate above the allocation. EVMWD's local supplies are from groundwater basins and the CLWTP (currently not in use). Local groundwater basins are in the process of developing GSPs to ensure sustainability and reliability for future generations. Groundwater basins are not anticipated to be impacted in dry years.	Director Water Resources Principal Water Resources Planner/Engineer
March	Consider potential infrastructure constraints that may impact supply delivery	Identify any known Metropolitan, Western, or EVMWD infrastructure issues that may pertain to near-term water supply reliability, including repairs, construction, and environmental mitigation measures that may temporarily constrain capabilities, as well as any new projects that may add to system capacity. Identify any facilities out of service due to water quality problems, equipment failure, etc. that may impact normal water deliveries.	Director of Water Resources
April	Convene WSCP Team to conduct Retail Annual Assessment	Compare supplies and demands and discuss any infrastructure constraints that may impact supply delivery. If the potential for a shortage exists or if Metropolitan/Western have enacted a WSAP stage, determine which EVMWD shortage response level and actions are recommended to reduce/eliminate the shortage or to reduce demands on Metropolitan/Western. Additionally, if the State declares a drought state of emergency and requires demand reductions, the WSCP Team will determine which water shortage level and response actions are needed to comply with the State mandate.	WSCP Team

*Table continues the next page.

TIMING	ASSESSMENT ACTIVITIES	PROCEDURE, KEY DATA INPUTS, EVALUATION CRITERIA AND OTHER CONSIDERATIONS	EVMWD STAFF RESPONSIBLE
June	EVMWD Board of Directors	If the potential for a shortage exists, if Metropolitan and/or Western has enacted a WSAP stage or the State has mandated demand reductions, the results of the Annual Assessment will be presented to the EVMWD Board of Directors, including the recommended shortage level and response actions. The Board of Directors may order the implementation of a shortage level and will adopt a resolution declaring the applicable water shortage level.	Director of Water Resources Board of Directors
On-Going	Implement WSCP actions, if needed	Relevant members of EVMWD's staff will implement shortage response actions associated with the declared water shortage level	WSCP Team
Prior to July 1st	Submit Annual Assessment	Submit Final Annual Assessment to DWR	Director of Water Resources

1.3 Water Shortage Levels

In 2020, EVMWD obtained approximately 64% of its total potable water supply as imported water from Western. Imported Water to EVMWD is conveyed through two main pipelines: Western's Mill Gravity Line and Eastern's Auld Valley Pipeline. With the exception of a catastrophic failure of these two imported water pipelines, critical pieces of infrastructure that convey imported water to EVMWD and other local agencies, or other infrastructure failure of similar magnitude, EVMWD does not foresee imposing a water shortage level except under the State's direction or in response to action taken by Metropolitan Water District of Southern California (MWDSC). If a potential water supply shortage is identified in the Annual Assessment, this section provides information on the water shortage levels and response actions that EVMWD may implement.

EVMWD uses six (6) shortage stages to identify and respond to water shortage emergencies, in alignment with the six standard shortage stages recommended by DWR and the Water Code. The six standard water shortage levels correspond to progressively increasing estimated shortage conditions (up to 10-, 20-, 30-, 40-, 50-percent, and greater than 50-percent shortage compared to the normal reliability condition) and align with the response actions that Western would implement to meet the severity of the impending shortages. The six (6) stages are provided in Table 3. EVMWD promotes water use efficiency as a way of life, regardless of water shortage conditions, and keeps Stage 1 in effect at all times, at a minimum.

Table 3. EVMWD Water Shortage Contingency Plan Levels

SHORTAGE LEVEL	PERCENT SHORTAGE RANGE	SHORTAGE RESPONSE ACTIONS
1	Up to 10%	Stage 1- Water Supply Watch - Water Use Efficiency is a Way of Life
2	Up to 20%	Stages 2 – Water Supply Alert
3	Up to 30%	Stages 3 – Mandatory Waste Reduction
4	Up to 40%	Stages 4 – Mandatory Outdoor Reductions
5	Up to 50%	Stages 5 – Elimination of Outdoor Water Use
6	Greater than 50%	Stage 6 - Catastrophic Water Supply Loss – Targeting Indoor Use

1.4 Shortage Response Actions

This section is structured in accordance with CWC Section 10632(a)(4) and describes the response actions available to mitigate shortages. EVMWD expects to mitigate supply shortages through a variety of response actions, including demand-reduction actions, conservation, operational changes, outreach, and, if necessary, mandatory prohibitions. It should be noted that subsequent stages require that restrictions and prohibitions from previous stages continue to apply. If necessary, EVMWD may adopt additional actions not listed here in extreme circumstances. Ordinance 278 provides standing authorization for water use restrictions and prohibitions to become effective upon adoption by the □oard. The following section discusses the response actions for each of EVMWD's six water supply shortage stages as provided in detail in EVMWD's Ordinance 278 (**Attachment 1**).

In the event of a water shortage emergency, EVMWD will evaluate the cause of the emergency to help inform which response actions should be implemented. Depending on the nature of the water shortage, EVMWD can elect to implement one or several response actions to mitigate the shortage and reduce gaps between supply and demand.

1.4.1 Demand Reduction

EVMWD has identified a variety of demand reduction actions to offset supply shortages. Demand-reduction measures are strategies intended to decrease water demand to close the gap between supply and demand. These actions include, but are not limited to, leak detection and repair, limitations on irrigation, and other voluntary actions to reduce customer demand. Demand reduction actions available to EVMWD that may be considered during water shortage conditions are summarized in **Table 4.** These methods were effective in providing required substantial reductions in demand during the drought that commenced in 2012.

EVMWD also developed a long-term, comprehensive, system-wide system optimization review plan of EVMWD that provides an assessment of potential water management improvements to address annual water audits and efficient responses to reported water main breaks, meter testing, and meter replacement (Elsinore Valley Municipal Water District and Water Systems Optimization, 2020). This plan helps EVMWD identify and mitigate water loss throughout the system.

Table 4. DWR 8-2 Demand Reduction Actions

SHORTAGE LEVEL	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?[1,2]	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
1	Landscape - Other landscape restriction or prohibition	Up to 10%	All irrigation shall ensure automatic irrigation timers are adjusted according to changing weather patterns and landscape requirements.	N/A
1	Other - Require automatic shut-off hoses	Up to 10%	All open hoses shall be equipped with automatic, positive shut-off nozzles.	N/A
1	Landscape - Limit landscape irrigation to specific times	Up to 10%	Watering of lawns and/or groundcovers and irrigating landscaping is permitted only between the hours of 6:00 p.m. and 6:00 a.m.	N/A
1	Landscape - Restrict or prohibit runoff from landscape irrigation	Up to 10%	Sprinklers and irrigation systems shall be adjusted to avoid overspray, runoff and waste. Watering on windy days is to be avoided.	N/A
1	Other	Up to 10%	Installation of water saving devices, such as low flow shower heads and faucet aerators, is encouraged.	N/A
1	Landscape - Other landscape restriction or prohibition	Up to 10%	Selection of low-water-demand shrubs, groundcovers and trees for all new landscaping is strongly encouraged.	N/A
1	Other water feature or swimming pool restriction	Up to 10%	All swimming pools, spas, ponds, and fountains shall be equipped with re-circulating pumps.	N/A
1	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	Up to 10%	All plumbing leaks, improperly adjusted sprinklers, or other water conduits/fixtures that require repair or adjustment shall be corrected within 96 hours of notification.	N/A

SHORTAGE LEVEL	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?[1,2]	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
1	Other - Prohibit use of potable water for washing hard surfaces	Up to 10%	No Person shall use water to wash down sidewalks, driveways, parking areas, tennis courts, patios, or other paved or hard surface areas, except to alleviate immediate fire or sanitation hazards, and then only by use of: a hand-held bucket or similar container, a hand-held hose equipped with an automatic, positive self-closing shut-off device, or a low volume, high-pressure cleaning machine.	N/A
1	Landscape - Restrict or prohibit runoff from landscape irrigation	Up to 10%	No Person shall allow water to leave his or her property by drainage onto adjacent properties or public or private roadways or streets due to excessive irrigation or uncorrected leaks	N/A
1	Other - Vehicle washing except at facilities using recycled or recirculating water	Up to 10%	The washing of automobiles, trucks, trailers, boats, airplanes and other types of mobile equipment, is permitted at any time with a hand-held bucket or a hand-held hose equipped with an automatic, positive shut-off nozzle. Provided, however, such washing may be done at any time on the immediate premises of a commercial car wash, a commercial service station or car dealership with commercial car washing equipment, or by a licensed mobile detailing/car wash professional using low volume, high pressure washing equipment. Further, such washings are exempted from these regulations where the health, safety, and welfare of the public is contingent upon frequent vehicle cleanings, such as garbage trucks and vehicles used to transport food and perishables.	N/A

SHORTAGE LEVEL	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?[1,2]	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
1	Landscape - Limit landscape irrigation to specific days	Up to 10%	Use of movable or permanent sprinkler systems allowed no more than four days per week. However, irrigation of lawns, gardens, landscaped areas, trees, shrubs or other plants is permitted at any time if a drip irrigation system, or recycled water is used.	N/A
1	Landscape - Limit landscape irrigation to specific days	Up to 10%	Irrigation occurring during or 48 hours after a rain event (resulting in a ½" or more) is prohibited.	N/A
1	CII - Restaurants may only serve water upon request	Up to 10%	All restaurants, cafes, and other public food service establishments are prohibited from serving drinking water unless specifically requested by their customers.	N/A
1	CII - Lodging establishment must offer opt out of linen service	Up to 10%	Hotels, motels and other commercial lodging establishments should provide customers the option of not having towels and linens laundered daily. Commercial lodging establishments should prominently display notice of this option in each bathroom using clear and easily understood language.	N/A
1	Pools and Spas - Require covers for pools and spas	Up to 10%	Customers shall install pool and spa covers to minimize water loss due to evaporation.	N/A
1	Other	Up to 10%	EVMWD shall develop a public information campaign to provide customers with options for achieving the Stage 1 demand reduction goal. EVMWD shall explore increased customer incentives for conservation measures.	N/A
2	Landscape - Other landscape restriction or prohibition	Up to 20%	Installation of new landscapes shall be prohibited unless irrigated with drip irrigation. Exceptions may be provided for projects with prior approval by the appropriate jurisdiction.	Yes

SHORTAGE LEVEL	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?[1,2]	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
2	Landscape - Limit landscape irrigation to specific days	Up to 20%	Use of movable or permanent sprinkler systems allowed no more than three days per week. However, irrigation of lawns, gardens, landscaped areas, trees, shrubs or other plants is permitted at any time if a drip irrigation system, or recycled water is used.	Yes
2	Water Features - Restrict water use for decorative water features, such as fountains	Up to 20%	Operation of any exterior ornamental fountain or similar structure is prohibited unless equipped with a recirculating system	Yes
2	Other	Up to 20%	EVMWD shall develop a public information campaign to provide Customers with options for achieving the Stage 2 demand reduction goal. EVMWD shall explore increased Customer incentives for conservation measures.	Yes
2	Other	Up to 20%	Water use beyond the water volume permitted for Tier 1 and Tier 2 will be charged a water shortage penalty per hundred cubic feet (CCF). The Water shortage penalty will be $3.13 per CCF and $1.69 per CCF, respectively, for the Elsinore Division and Temescal Division	Yes
3	Landscape - Limit landscape irrigation to specific days	Up to 30%	Use of movable or permanent sprinkler systems allowed only two times per week. However, irrigation of lawns, gardens, landscaped areas, trees, shrubs or other plants is permitted at any time if a drip irrigation system, or recycled water is used.	Yes
3	Other	Up to 30%	Construction meters utilizing potable water shall be issued only to those persons who have been issued valid grading and/or building permits	Yes
3	Pools - Allow filling of swimming pools only when an appropriate cover is in place.	Up to 30%	No filling uncovered swimming pools	Yes

SHORTAGE LEVEL	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?[1,2]	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
3	Other	Up to 30%	EVMWD shall eliminate all adjustments to existing residential Customers' outdoor Water Budgets including increases for swimming pools, spas, pond maintenance adjustments, etc.	Yes
3	Other - Prohibit vehicle washing except at facilities using recycled or recirculating water	Up to 30%	Commercial car-washing using recycled water only.	Yes
3	Other	Up to 30%	EVMWD shall develop a public information campaign to provide customers with options for achieving the Stage 3 demand reduction goal. EVMWD shall explore increased customer incentives for conservation measures.	N/A
3	Other	Up to 30%	Water use beyond the water volume permitted for Tier 1 and Tier 2 will be charged a water shortage penalty per hundred cubic feet (CCF). The Water shortage penalty will be $5.27 per CCF and $10.31 per CCF, respectively, for the Elsinore Division and Temescal Division.	Yes
4	Other - Prohibit use of potable water for construction and dust control	Up to 40%	No new construction or hydrant meters will be issued. Potable water shall not be used for earthwork, road construction, dust control, compaction, or trenching jetting.	Yes
4	Landscape - Limit landscape irrigation to specific days	Up to 40%	Use of movable or permanent sprinkler systems allowed only one time per week. However, irrigation of lawns, gardens, landscaped areas, trees, shrubs or other plants is permitted at any time if a drip irrigation system, or recycled water is used	Yes

SHORTAGE LEVEL	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?[1,2]	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
4	Other	Up to 40%	EVMWD shall develop a public information campaign to provide customers with options for achieving the Stage 4 demand reduction goal. EVMWD shall explore increased customer incentives for conservation measures.	N/A
4	Other	Up to 40%	Water use beyond the water volume permitted for Tier 1 and Tier 2 will be charged a water shortage penalty per hundred cubic feet (CCF). The Water shortage penalty will be $6.85 per CCF and $13.40 per CCF, respectively, for the Elsinore Division and Temescal Division.	Yes
5	Landscape - Other landscape restriction or prohibition	Up to50%	All landscape and non-essential outdoor water use for all Customers in all areas of EVMWD's retail water service area shall be prohibited.	Yes
5	Other	Up to 50%	No new water meter(s) shall be provided, except if the project is necessary to protect public health, safety, and welfare or when using recycled water.	Yes
5	Other	Up to 50%	All dedicated irrigation meters will be locked off by EVMWD personnel.	Yes
5	Other	Up to 50%	EVMWD shall develop a public information campaign to provide customers with options for achieving the Stage 5 demand reduction goal. EVMWD shall explore increased customer incentives for conservation measures.	N/A
5	Other	Up to 50%	Water use beyond the water volume permitted for Tier 1 and Tier 2 will be charged a water shortage penalty per hundred cubic feet (CCF). The Water shortage penalty will be $8.91 per CCF and $17.42 per CCF, respectively, for the Elsinore Division and Temescal Division.	Yes

SHORTAGE LEVEL	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?[1,2]	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
6	Other - prohibit use of potable water for construction and dust control	Greater than 50%	No EVMWD water shall be used for construction purposes.	Yes
6	Indoor Use	Greater than 50%	Reduction of tier one allocation.	Yes
6	Other	Greater than 50%	EVMWD shall develop a public information campaign to provide customers with options for achieving the Stage 6 demand reduction goal. EVMWD shall explore increased customer incentives for conservation measures.	N/A
6	Other	Greater than 50%	Water use beyond the water volume permitted for Tier 1 and Tier 2 will be charged a water shortage penalty per hundred cubic feet (CCF). The Water shortage penalty will be $11.58 per CCF and $22.65 per CCF, respectively, for the Elsinore Division and Temescal Division	Yes

[1]Reduction in the shortage gap is estimated and can vary significantly. The upper end of the gap reduction is based on the use of multiple demand reduction actions in a stage. For example, if all shortage level Stage 1 actions by EVMWD were implemented, a 10% reduction or higher in the shortage gap is estimated.

[2]Reduction in the shortage gap for Stages 2–6 assume all measures in the previous stage(s) are implemented and those savings are counted toward the total reduction in the shortage gap. For example, in WSCP Stage 4, EVMWD may limit irrigation to specific days, and this measure, along with all demand management measures in Stages 1, 2, and 3, is estimated to reduce the shortage gap by up to 40%.

1.4.2 Supply Augmentation

EVMWD does not plan to use additional supply sources during a water shortage but rather mitigate supply impacts through demand reduction actions. If needed, EVMWD may use additional groundwater and/or imported water to meet demands.

1.4.3 Operational Changes

During shortage conditions, operations may be affected by demand-reduction responses.

EVMWD will consider their operational procedures at the time of a shortage to identify changes that can be implemented to address water shortage on a short-term basis, including but not limited to:

- Development of a public information campaign to educate and inform customers of the water shortage emergency and required water savings
- Decrease line flushing
- Increase water patrols
- Increase frequency of meter reading
- Offer water use surveys
- Implement or modify drought rate structure or surcharge
- Provide rebates for plumbing fixtures and landscape irrigation
- Decrease fire flow testing

1.4.4 Additional Mandatory Restrictions

Ordinance 278 identifies permanent restrictions that are always in effect under Stage 1. Stage 1 mandates the implementation of several permanent water waste prohibitions, even when there is no foreseeable threat of a water shortage. Water waste is in violation of California Law at any stage. Therefore, all normal water efficiency programs and water conservation regulations are in full force and effect during Stage 1.

The permanent shortage response measures include:

- All irrigation shall ensure automatic irrigation timers are adjusted according to changing weather patterns and landscape requirements.
- All open hoses shall be equipped with automatic, positive shut-off nozzles.
- Watering of lawns and/or groundcovers and irrigating landscaping is permitted only between the hours of 6:00 p.m. and 6:00 a.m.
- Sprinklers and irrigation systems shall be adjusted to avoid overspray, runoff, and waste. Watering on windy days is to be avoided.
- Installation of water-saving devices, such as low-flow shower heads and faucet aerators, is encouraged.
- Selection of low-water-demand shrubs, groundcovers, and trees for all new landscaping is strongly encouraged.
- All swimming pools, spas, ponds, and fountains shall be equipped with recirculating pumps.
- All plumbing leaks, improperly adjusted sprinklers, or other water conduits/fixtures that require repair or adjustment shall be corrected within 96 hours of notification.
- No Person shall use water to wash down sidewalks, driveways, parking areas, tennis courts, patios, or other paved or hard surface areas, except to alleviate immediate fire or sanitation hazards, and

then only by use of: a hand-held bucket or similar container, a hand-held hose equipped with an automatic, positive self-closing shut-off device, or a low volume, high-pressure cleaning machine.

- No person shall allow water to leave his or her property by drainage onto adjacent properties or public or private roadways or streets due to excessive irrigation or uncorrected leaks.
- The washing of automobiles, trucks, trailers, boats, airplanes and other types of mobile equipment, is permitted at any time with a hand-held bucket or a hand-held hose equipped with an automatic, positive shut-off nozzle. Provided, however, such washing may be done at any time on the immediate premises of a commercial car wash, a commercial service station or car dealership with commercial car washing equipment, or by a licensed mobile detailing/car wash professional using low volume, high pressure washing equipment. Further, such washings are exempted from these regulations where the health, safety, and welfare of the public is contingent upon frequent vehicle cleanings, such as garbage trucks and vehicles used to transport food and perishables.
- Use of movable or permanent sprinkler systems allowed no more than 4 days per week. However, irrigation of lawns, gardens, landscape areas, trees, shrubs or other plants is permitted at any time if a hand-held hose, hand-held bucket, a drip irrigation system or recycled water is used
- Irrigation occurring during 48 hours after a rain event (resulting in a 1/2□or more) is prohibited
- All restaurants, cafes, and other public food service establishments are prohibited from serving drinking water unless specifically requested by their customers
- Hotels, motels and other commercial lodging establishments should provide customers the option of not having towels and linens laundered daily. Commercial lodging establishments should prominently display notices of this option in each bathroom using clear and easily understood language
- Customers shall install pool and spa covers to minimize water loss due to evaporation
- EVMWD shall develop a public information campaign to provide customers with options for achieving the Stage 1 demand reduction goal. EVMWD shall explore increased customer incentives for conservation measures

1.4.5 Emergency Response Plan

In 2020, EVMWD completed a Risk and Resilience Assessment (RRA) and Emergency Response Plan (ERP) in accordance with America's Water Infrastructure Act (AWIA) of 2018. The purpose of the RRA and ERP is to meet the AWIA compliance requirements and plan for long-term resilience of EVMWD's infrastructure.

The RRA assessed EVMWD's water system to identify critical assets that may be vulnerable to malevolent threats and natural hazards such as a seismic event, as well as identified measures that can be taken to reduce risk and enhance resilience from service disruption for the benefit of customers. The RRA identifies and characterizes both infrastructure-specific and systemwide vulnerabilities and threats, in addition to the consequences of disruption. The RRA also recognizes various options in addressing and mitigating risk due to intentional or accidental threats as well as natural hazards.

The ERP includes prevention and detection measures for a wide range of emergency situations. In the case of a seismic event, the ERP includes specific responses to mitigate damage and provide safety for staff during the event as well as documents detailing responses and action items to complete after the event. The ERP also defines roles and responsibilities of EVMWD staff and coordination with neighboring utilities and governing agencies, provides emergency procurement procedures and contact information, defines a path to restore water in the case of a service interruption, and protects public health.

EVMWD certified with the EPA that their RRA was compliant with all AWIA requirements on March 31, 2020 and their ERP on December 31, 2020, meeting all federal deadlines. Prior to AWIA certification, the EVMWD also performed the EVMWD Seismic Vulnerability Study for Water and Wastewater Facilities, dated March 19th, 2020. This separate analysis identifies seismic hazard information, provided an assessment of seismic resilience of the water system, and made recommendations necessary for development of an Emergency Response Plan. The RRA, ERP, and Seismic Vulnerability Study all

contain confidential information related to infrastructure risk and response measures, and therefore is used as an internal document only and located at EVMWD.

1.4.6 Seismic Risk Assessment and Mitigation Plan

Disasters such as earthquakes can and will occur without notice. In addition to the AWIA RRA and ERP, which specifically address seismic risk and mitigation plans, EVMWD has developed a more detailed seismic risk assessment and mitigation plan. This document is also a confidential document and, therefore, is for EVMWD staff use only.

1.4.7 Shortage Response Action Effectiveness

Measuring reductions in water use is part of regular procedures, whether during normal or water shortage conditions. Water is produced and introduced into the distribution system in response to customer demand and is tracked monthly as an indicator of overall demand. EVMWD's billing system provides standardized reports on monthly metered sales by bill code, as well as customized reports for specific areas of analysis.

During water shortage conditions, savings are measured in comparison to normal year demand (i.e., current customer base with approximately average rainfall) or in reference to a specific base year as may be dictated by statewide requirements. Estimates of the effectiveness for the response actions are included in **Table 4**. In general, the effectiveness of each reduction action can vary significantly. It is also difficult to assess the effectiveness of each activity separately because EVMWD implements several activities at once. For the WSCP implementation, it is assumed that the upper end of the gap reduction is based on the use of multiple demand-reduction actions in a stage. For example, if all shortage level Stage 1 actions by EVMWD were implemented, a 10% reduction or higher in the shortage gap would be estimated. However, this estimate could be higher based on local conditions and public outreach.

Reduction in the shortage gap for Stages 2–6 assume all measures in the previous stage(s) are implemented and those savings are counted toward the total reduction in the shortage gap. For example, in WSCP Stage 4, EVMWD may limit irrigation to specific days, and this measure, along with all demand management measures in Stages 1, 2, and 3, is estimated to reduce the shortage gap by up to 40%.

1.5 Communication Protocols

This section is presented in accordance with CWC Section 10632(a)(5) and describes the communication protocols and procedures to inform customers, the public, and state and local officials of any current or predicted water shortages.

EVMWD's outreach strategy is based on the specific circumstance and water shortage stage to ensure customers are notified in the most effective way possible. EVMWD will notify its customers about upcoming shortages, response actions, penalties, and /or WSCP amendments. Typically, EVMWD notifies customers through a variety of methods, such as by telephone, email and e-blasts; inserts with utility bills and mailings; postings at EVMWD offices and facilities; flyers; "door hangers"; social media; billboard messaging; partnerships with neighboring agencies; the EVMWD app; and other means (Civiltec for Elsinore Valley Municipal Water District, 2018). EVMWD can also use other communication methods, such as press releases, publication in homeowner association newsletters, city publications, chamber newsletters, radio announcements, and robo-calls as necessary. All customers must ensure that EVMWD has current telephone and email contact information. At its discretion, the □oard or its authorized designee can also notify agencies or organizations it believes may be affected.

1.6 Compliance and Enforcement

This section is structured in accordance with CWC Section 10632(a)(6) and describes the compliance and enforcement provisions. EVMWD's water shortage ordinance includes customer penalties for noncompliance. These penalties include warnings, fines, flow restrictions, and, finally, water service shutoffs. Penalties and charges are imposed for violations during mandatory water reductions. The penalty surcharges vary for each stage of mandatory water reduction.

The consequences for violating the water use prohibitions are summarized below.

(1) For water meters smaller than two inches (2") in size:

(a) For the first violation during any water supply shortage stage of any provision of this WSCP, EVMWD may issue a written notice which sets forth the facts surrounding the violation and additional information such as the required compliance and potential fines and/or penalties for noncompliance;

(b) For a second violation during any water supply shortage stage of any provision of this WSCP within the preceding twelve (12) calendar months, EVMWD may issue a written notice which sets forth a complete copy of Ordinance 278 or a summary of EVMWD's WSCP as well as additional information such as the required compliance and potential fines and/or penalties for noncompliance.

(c) For a third violation during Stages 1 and 2 of any of the provisions of this WSCP within the preceding twelve (12) calendar months, EVMWD may impose a monetary penalty in the amount of one hundred dollars (□100.00) per day for each day any provision of this WSCP is violated. During Stages 3, 4,5 and 6, EVMWD may impose a monetary penalty in the amount of two hundred dollars (□200.00) per day for each day any provision of this WSCP is violated.

(d) For a fourth violation during Stages 1 and 2 of any of the provisions of this WSCP within the preceding twelve (12) calendar months, EVMWD may impose a monetary penalty in the amount of two hundred dollars (□200.00) per day for each day any provision of this WSCP is violated. During Stages 3, 4, 5, and 6, EVMWD may impose a monetary penalty in the amount of four hundred dollars (□400.00) per day for each day any provision of this WSCP is violated.

(e) For a fifth and any subsequent violation, EVMWD may install a flow-restricting device of two and one-half gallons per minute (2.5 GPM) capacity for services up to one and one-half inch (1-1/2") size and comparatively sized restrictors for larger services or terminate service in accordance with EVMWD's applicable rules and regulations. These measures are in addition to any monetary fines and/or penalties provided for herein.

(f) Any such restricted or terminated service may be restored in accordance with EVMWD's applicable rules and regulations and only upon a showing compliance with this WSCP. Prior to any restoration of service, all EVMWD charges for any restriction or termination of service and its restoration must be paid as provided for in EVMWD rules governing water service, including, but not limited to payment of all past due bills and fines and/or penalties and any other amounts which may be due and owing under this WSCP and Ordinance 278.

(2) For water meters two inches (2") and larger:

(a) For the first violation during any water supply shortage stage of any provision of this WSCP, EVMWD may issue a written notice which sets forth the facts surrounding the violation and additional information such as the required compliance and potential fines and/or penalties for noncompliance.

(b) For a second violation during any water supply shortage stage of any provision of this WSCP within the preceding twelve (12) calendar months, EVMWD may issue a written notice which sets forth a complete copy of this Ordinance 278 or a summary of EVMWD's WSCP as well as additional information such as the required compliance and potential fines and/or penalties for noncompliance.

(c) For a third violation during water supply shortage Stages 1 and 2 of any of the provisions of this WSCP within the preceding twelve (12) calendar months, EVMWD may impose a monetary fine

and/or penalty in the amount of one hundred dollars (□100.00) per day for each day any provision of this WSCP is violated. During Stages 3, 4, 5 and 6, EVMWD may impose a monetary fine and/or penalty in the amount of three hundred dollars (□300.00) per day for each day any provision of this WSCP is violated.

(d) For a fourth violation during water supply shortage Stages 1 and 2 by any Person of any of the provisions of this WSCP within the preceding twelve (12) calendar months, EVMWD may impose a monetary fine and/or penalty in the amount of three hundred dollars (□300.00) per day for each day any provision of this WSCP is violated. During Stages 3, 4, 5 and 6, EVMWD may impose a monetary fine and/or penalty in the amount of six hundred dollars (□600.00) per day for each day any provision of this WSCP is violated.

(e) For a fifth and any subsequent violation, EVMWD may install a flow restricting device or terminate service in accordance with EVMWD's applicable rules and regulations, in addition to the monetary fines and/or penalties provided for herein.

(f) Any such restricted or terminated service may be restored in accordance with EVMWD's applicable rules and regulations and only upon a showing compliance with this WSCP. Prior to any restoration of service, all EVMWD charges for any restriction or termination of service and its restoration must be paid as provided for in EVMWD rules governing water service, including, but not limited to, payment of all past due bills and fines and/or and any other amounts which may be due and owing under this WSCP.

(3) An amount that shall not exceed one thousand dollars (□1,000.00) per day for each day on which a Person violates any provision of this WSCP. Unless timely appealed, an administrative compliance order shall be effective and final as of the date it is issued by the General Manager.

1.7 Legal Authorities

EVMWD obtains the legal authority to declare a water shortage and implement the actions outlined in this WSCP through Ordinance 278. A water shortage emergency is to be officially declared through an adopted resolution. Ordinance 278 provides EVMWD with the authority to restrict water use and prohibit water waste for all uses that are not necessary to sustain public health, sanitation, and fire protection. Specifically, Ordinance 278 provides EVMWD with the authority to implement supply-shortage response measures and prevent unreasonable use of water.

In the event that this WSCP is updated and the shortage response stages or response actions are revised, Ordinance 278 may be updated to reflect the contents of the updated WSCP.

EVMWD shall coordinate with any city or county within which it provides water supply services for the possible proclamation of a local emergency, as defined in Section 8558 of the Government Code.

When a WSCP Stage 2 or greater is implemented, EVMWD will inform the following cities and counties:

- City of Canyon Lake
- City of Corona
- City of Lake Elsinore
- City of Murrieta
- City of Wildomar
- Farm Mutual Water Company
- Riverside County Planning Department

1.8 Financial Consequences of WSCP

This section is structured in accordance with CWC Section 10632(a)(8) and describes the financial consequences of implementing the WSCP and potential mitigation strategies. To ensure EVMWD customers comply with Ordinance 278 and CWC Chapter 3.3 (Excessive Residential Water Use During Drought), additional costs will be incurred to monitor and enforce response actions. The incurred cost may vary depending on the shortage stage and duration of the water shortage emergency.

EVMWD anticipates that revenues will decrease as customers comply with the WSCP and any potential declared shortage stage. A reduction in the amount of water consumed will lead to a reduction in revenue and expenses for EVMWD. These revenue reductions could impact EVMWD's ability to finance its operations during periods of water shortages. Revenues reductions are calculated in the EVMWD Water Shortage Surcharges study completed in August 2023 and included Attachment 2. Additionally, expenditures by EVMWD are also expected to decrease in the event of a water shortage. Reductions are expected in water purchases, groundwater pumping expenses, and booster pumping expenses.

Summary of the projected net revenue impact for FY 2024 by stage, as well as the revenue reductions, can be found in the EVMWD Water Shortage Surcharges Memo (Attachment 2) completed in August 2023. It should be noted that EVMWD has the option of implementing water shortage surcharges during times of water shortages to minimize or offset revenue reductions, subject to California Proposition 218 (Prop 218) requirements.

Methods of compensating for the reduced revenue include primarily implementing water shortage surcharges for all potable water customers. In addition, water shortage penalties can also be implemented to encourage conservation, which further reduces revenue from water sales. If the water shortage is deemed temporary, water shortage surcharges may not be required.

For long-term shortages, immediate implementation of water shortage surcharges may be considered. A consequence of water shortage surcharges may be further conservation by customers. EVMWD would not change fixed, domestic monthly service charges during a water shortage because these charges provide revenue for operational expenditures.

EVMWD may also elect to use financial reserves. Although possible, this is not ideal, because it may delay funds designated for capital improvement costs and affect budgets for typical operation and maintenance efforts.

1.8.1 Water shortage surcharge

EVMWD updated the water shortage surcharges concurrently on November 9, 2023. Water shortage surcharges are an attempt to reduce the negative financial effects of water shortages and reduced customer revenue during drought conditions. The water shortage surcharges add an additional rate to the base volumetric water-use rate. The rate structure comprises two components: a fixed monthly service charge ("meter charge") and a variable volumetric water-consumption charge ("water use charge").

The rates for the fixed monthly meter charge are established on the basis of the size of the water meter serving a property and are calculated to recover a portion of EVMWD's fixed costs, such as water meter repairs and replacements, meter reading, billing, and customer service.

The rates of the variable water-use charge are based on the number of units of water delivered to a property and consist of four tiers that impose higher rates as the level of water use increases.

- Tier 1: Indoor water budget is calculated using 55 gallons per person per day with 4 people per household. The rate is based on a blended cost of local and imported water supplies, delivery, and apportioned peaking costs, offset by miscellaneous revenue to help mitigate this rate.
- Tier 2: Outdoor water budget is calculated using a formula accounting for the type of plants, local weather, irrigation efficiency, and square footage of irrigated landscape area. Since watering requirements are different throughout the year, the outdoor budgets are determined for each billing cycle based upon the 10-year average weather in the EVMWD's service area. Irrigation usage has a higher peaking factor than residential usage which results in higher capital costs.

The rate is based on a blended cost of local and imported water supplies, delivery, peaking cost, and conservation funding.

- Tier 3: 30% of the outdoor water budget. The rate is based on the costs of regular and excessive imported water supplies, delivery, peaking cost, recycled water cost funding, and conservation funding.
- Tier 4: All water above inefficient use. The rate is based on the costs of excessive imported water supplies, delivery, peaking costs, recycled water cost funding, and conservation funding.

Each residential, irrigation, and recycled-water customer is allocated a reasonable amount of water on the basis of the customer's particular needs.

The water shortage surcharges can be found in **Attachment 2** to this WSCP.

1.8.2 Water Budgets and Water Shortage Penalties

EVMWD also uses a simplified rate structure based on water budgets to account for the statewide indoor residential standard of 55 gallons of water per person per day. Households will receive a water budget for outdoor use based on the irrigated square footage of the property. Above that water budget, water usage for residential customers that occurs in tiers 3 and 4 and for landscape irrigation customers that occur in tiers 2 and 3 will cost customers more because it costs EVMWD more to secure this additional water supply. □ecause customers have control over the amount of water they use, these budgeted water rates allow customers to be charged according their water usage. Customers that use water in excess of their water budget will be charged a penalty depending on the shortage stage. Penalties for each shortage stage are summarized in Table 5.

Table 5. Water Shortage Penalties

DROUGHT STAGE	ELSINORE DIVISION	TEMESCAL DIVISION
1	$0.00	$0.0
2	$3.13 per CCF	$1.69 per CCF
3	$5.27 per CCF	$10.31 per CCF
4	$6.85 per CCF	$13.4 per CCF
5	$8.91 per CCF	$17.42 per CCF
6	$11.58 per CCF	$22.65 per CCF

1.9 Monitoring and Reporting

This section is presented in accordance with CWC Section 10632(a)(9) and describes the reporting requirements and monitoring procedures to implement the WSCP and track and evaluate the response actions effectiveness. EVMWD is required to submit the monthly Urban Drought and Conservation Reporting through States Safe and Affordable Funding for Equity and Resilience (SAFER) clearing house reporting system, pursuant to Order No. DDW_H□_Drought2023_001, which became effective on January 1, 2023. In general, EVMWD reports the WSCP shortage stage, the total potable water production, demand for several water uses, enforcement actions, compliance issues, and response actions. An example of the monthly report is shown in **Attachment 3**. EVMWD will continue to report this information and will integrate this process in its WSCP annual assessment process.

The water savings from implementation of the WSCP will be determined on the basis of monthly production reports, which will be compared with the supply from prior months, the same period of the prior year, and/ or the allocation. At first, the cumulative consumption for the various sectors (e.g., residential, commercial) will be evaluated for reaching the target demand-reduction level. Then, if needed, individual accounts will be monitored. Weather and other possible influences may be accounted for in the evaluation.

1.10 WSCP Refinement Procedures

This section is consistent with CWC Section 10632 (a)(10). The WSCP is best prepared and implemented as an adaptive management plan. EVMWD will use results obtained from the monitoring and reporting program to evaluate any needs for revisions. Potential changes to the WSCP that would warrant an update include, but are not limited to, any changes to shortage-level triggers, changes to the shortage stage structure, and/or changes to the response actions.

Any prospective changes to the WSCP would need to be presented at a public hearing where EVMWD staff would obtain any comments, revise if necessary, and adopt the updated WSCP. The steps to formally amend the WSCP are discussed in **Section 1.12**.

Potential refinements will be documented and integrated in the next WSCP update. If additional response actions are identified by staff or the public, these could be advertised as voluntary actions until these are formally added to the WSCP and adopted as mandatory restrictions in a future update.

1.11 Special Water Feature Distinction

The CWC Section 10623 (b) requires that suppliers analyze and define water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas, as defined in subdivision (a) of Section 115921 of the Health and Safety Code. Non-pool or non-spa water features may use or be able to use recycled water, whereas pools and spas must use potable water for health and safety considerations, so limitations to pools and spas may require different considerations compared with non-pool or non-spa water features. EVMWD prohibits the operation of any exterior ornamental fountain or similar structure once a **Stage 2** water shortage is in effect. An exterior ornamental fountain is a decorative water feature and does not include recreational water features, such as swimming pools. Golf-course water hazards that are not part of an integral part of the permanent irrigation or fire protection system, fountains, and other waterscape features are not to be filled or replenished during **Stage 2**.

1.12 Plan Adoption, Submittal, and Availability

The WSCP is a standalone document that can be updated as needed. **Table** describes the general steps to adopt and submit an updated or amended WSCP, consistent with CWC Section 10632(a)-(c).

This WSCP was presented for adoption to EVMWD's Board at the November 9, 2023, public oard meeting. Notifications of the public board meeting were sent to various local and regional agencies. EVMWD also published two notices in the local newspaper two weeks prior to the meeting date. Copies of the notices and public-hearing newspaper notices are provided in **Attachment 4**. The WSCP was also made available over two weeks prior to the public oard meeting to provide ample opportunity for review.

The WSCP was formally adopted on November 9, 2023, by EVMWD's Board through **Resolution 23-11-03**, included in **Attachment** . After formal adoption, the WSCP was made available to all staff,

customers, and any affected cities, counties, and other members of the public at the EVMWD office and online within 30 days of the adoption date.

The WSCP was submitted to DWR via the Water Use Efficiency (WUE) Data Portal within 30 days of adoption. Hard copies of the WSCP were submitted to the California State Library within 30 days of adoption. Electronic and/or hard copies were provided to all cities and counties within EVMWD's service area within 30 days of adoption.

Table 6. Steps to Adopt, Submit, and Implement the WSCP

STEP	TASK	DESCRIPTION	TIMEFRAME
1	Notice to Cities and Counties	Notify cities and counties within the service area that the WSCP is being updated. It is recommended that the notice includes: • Time and place of public hearing • Location of the draft Plan, latest revision schedule, and contact information of the Plan preparer	At least two weeks before a public hearing. If desired, advance notices can be issued without providing a time and place of public hearing.
2	Publish Plan	Publish the draft WSCP in advance of public hearing.	At least 2 weeks before public hearing.
3	Notice to the Public	Publish two notifications of the public hearing in a local newspaper notice at least once a week for two consecutive weeks, with at least 5 days between publications. This notice must include: • Time and place of hearing • Location of the draft WSCP	At least 2 weeks before public hearing. *Include a copy of public notices in the plan.
4	Public Hearing and Optional Adoption	Host at least one public hearing before adopting the WSCP to: • Allow for community input • Consider the economic impacts for complying with the Plan	Public hearing date Note: Adoption can be combined as long as public hearing is on the agenda before adoption.
5	Adoption	Before submitting the WSCP to DWR, EVMWD's Board must formally adopt the WSCP. An adoption resolution must be included, as an attachment or as a web address indicating where the adoption resolution can be found online.	At public hearing or at a later meeting. *The WSCP can be adopted as prepared or as modified after the hearing.
6	Plan Submittal	Submit the adopted or amended WSCP via the WUE Data Portal within 30 days of adoption or by July 1, if updated with the UWMP five-year cycle.	Within 30 days of adoption or by July 1st, whichever comes first.
7	Plan Availability	Submit an electronic or hard copy of the adopted WSCP to the California State Library within 30 days of adoption. If submitting a hard copy, the WSCP must be mailed to: California State Library Government Publications Section Attention: Coordinator, Urban Water Management Plans P.O. Box 942837 Sacramento, CA 94237-0001 Provide a copy (hardcopy or electronic) of the adopted WSCP to any cities and counties within the service area. Make the WSCP available to the public by posting to EVMWD's website or by hard copy at the EVMWD office for public review during normal business hours.	Within 30 days after adoption.

1.13 Resources and References

State of California Department of Water Resources. (2021). *Urban Water Management Plan Guidebook 2020.* Sacramento: California Department of Water Resources.

Civiltec for Elsinore Valley Municipal Water District. (2018). *Drought Contingency Plan.* Lake Elsinore: Elsinore Valley Municipal Water District.

Elsinore Valley Municipal Water District. (2015). *Ordinance No. 225.* Elsinore Valley Municipal Water District.

Elsinore Valley Municipal Water District and Water Systems Optimization. (2020). *System Optimization Review Plan.* Lake Elsinore: Elsinore Valley Municipal Water District.

Raftelis Financial Consultants, Inc. for Elsinore Valley Municipal Water District. (2015). *Elsinore Valley Municipal Water District Drought Surcharge Study.* Lake Elsinore: Elsinore Valley Municipal Water District.

WSC. (2021). *EVMWD 2020 UWMP.*

Attachment 1: EVMWD's Ordinance 278

ORDINANCE NO. 278

AN ORDINANCE OF THE ELSINORE VALLEY MUNICIPAL WATER DISTRICT OF RIVERSIDE COUNTY ESTABLISHING AN UPDATED AND RESTATING THE DISTRICT'S WATER SHORTAGE CONTINGENCY PLAN/WATER CONSERVATION PROGRAM

WHEREAS, California Constitution article X, section 2 and California Water Code section 100 provide that because of conditions prevailing in the State of California, it is the declared policy of the State that the general welfare requires that the water resources of the State shall be put to beneficial use to the fullest extent of which they are capable, the waste or unreasonable use of water shall be prevented, and the conservation of such waters is to be exercised with a view to the reasonable and beneficial use thereof in the interest of the people and the public welfare; and

WHEREAS, pursuant to California Water Code section 106, it is the declared policy of the State that the use of water for domestic use is the highest use of water and that the next highest use is for irrigation; and

WHEREAS, pursuant to California Water Code section 350, the District has the authority to declare a water shortage emergency condition; and

WHEREAS, pursuant to California Water Code section 375, the District may, by ordinance or resolution adopted by a majority of the members of the governing body after holding a public hearing upon notice and making appropriate findings of necessity for the adoption of a water conservation program, adopt and enforce a water conservation program to reduce the quantity of water used by those persons for the purpose of conserving the water supplies of the public entity; and

WHEREAS, pursuant to California Water Code section 376, an Ordinance passed pursuant to Water Code section 375 is effective upon adoption; and

WHEREAS, pursuant to California Water Code section 377, a violation of a requirement of a water conservation program adopted pursuant to Water Code section 376 is subject to fines; and

WHEREAS, pursuant to California Water Code section 71610.5, the District may undertake a water conservation program to reduce water use and may require,

as a condition of new service, that reasonable water-saving devices and water reclamation devices be installed to reduce water use; and

WHEREAS, pursuant to California Water Code section 71640, the District may restrict the use of District water during any emergency caused by drought, or other threatened or existing water shortage, and may prohibit the waste of District water or the use of District water during such periods for any purpose other than those that the District determines to be necessary. The District may also prohibit use of District water during such periods for specific uses which it finds to be nonessential. Pursuant to Water Code section 71641, the District may prescribe and define by ordinance the restrictions, prohibitions, and exclusions referred to in section 71640; and

WHEREAS the Board of Directors recognizes continued long term water supply challenges to the region and the state. The District's Mediterranean climate typically exhibits hot, dry summers and mild, wet winters. Annual precipitation totals vary substantially from year to year, with a historical average of 12 inches. Climate change impacts are predicted to increase the uncertainty of water supplies. Additionally, regulatory restrictions on pumping from the Bay-Delta region affecting State Water Project ("SWP") deliveries will continue to impact the District's supply reliability. The District relies heavily on SWP supplies, obtaining approximately up to 65 percent of its total supply through imported water sources from MWD through WMWD; and

WHEREAS, because of the prevailing conditions in the State and the declared policy of the State that the District manage its water resources for the general welfare to ensure their beneficial use to the fullest extent of which they are capable, the District hereby finds and determines that it is necessary and appropriate for the District to adopt, implement, and enforce the Program to reduce the quantity of water used by consumers within the District to ensure that there is sufficient water for human consumption, sanitation, and fire protection; and

WHEREAS, pursuant to California Water Code section 350, the Board of Directors is authorized to declare a Water Shortage Emergency to prevail within its jurisdiction when it finds and determines that the District will not be able to or cannot satisfy the ordinary demands and requirements of water consumers

without depleting the water supply of the District to the extent that there would be insufficient water for human consumption, sanitation, and fire protection, and as more fully set forth in this Ordinance; and

WHEREAS, the Board of Directors hereby finds and determines that in the event the District determines that it is necessary to declare that a Water Shortage Emergency exists, the District will be authorized pursuant to this Ordinance to implement supply shortage response measures to regulate water consumption activities within the District and ensure that the water delivered in the District is put to beneficial use for the greatest public benefit, with particular regard to domestic use, including human consumption, sanitation, and fire protection, and that the waste or unreasonable use of water is prevented; and

WHEREAS, the Board of Directors is authorized and hereby finds and determines that it is necessary to prescribe and define by ordinance restrictions, prohibitions, and exclusions for the use of water during a threatened or existing water shortage and adopt and enforce a water supply shortage contingency program to: (i) prohibit the waste of District water or the use of District water during such period; (ii) prohibit use of water during such periods for specific uses which the District may from time to time find nonessential; and (iii) reduce and restrict the quantity of water used by Persons within the District; and

WHEREAS, the Board of Directors hereby finds and determines that the District shall: (i) implement water supply shortage response measures; (ii) regulate the water consumption activities of Persons within the District for the purposes of conserving and protecting the District's water supplies, reducing the quantity of water consumed, and deterring and preventing the waste or unreasonable use or unreasonable method of use of valuable water resources; and (iii) establish and collect regulatory fees and impose fines and/or penalties as set forth herein to accomplish these purposes and recover the costs of the District's water conservation and regulatory program; and

WHEREAS, the Board of Directors hereby finds that the District's four (4) Tier Water Budget-based rate structure is an effective method of managing demand through price signals and eliminating inefficient usage while maintaining revenue stability and proportionately allocate the costs of service to those who

place the greatest demands on the District's water system and limited water supplies.

- Tier 1: Indoor water budget is calculated using 55 gallons per person per day with 4 people per household. The rate is based on a blended cost of local and imported water supplies, delivery, and apportioned peaking costs, offset by miscellaneous revenue to help mitigate this rate.
- Tier 2: Outdoor water budget is calculated using a formula accounting for the type of plants, local weather, irrigation efficiency, and square footage of irrigated landscape area. Since watering requirements are different throughout the year, the outdoor budgets are determined for each billing cycle based upon the 10-year average weather in the District's service area. Irrigation usage has a higher peaking factor than residential usage which results in higher capital costs. The rate is based on a blended cost of local and imported water supplies, delivery, peaking cost, and conservation funding.
- Tier 3: 30% of the outdoor water budget. The rate is based on the costs of regular and excessive imported water supplies, delivery, peaking cost, recycled water cost funding, and conservation funding.
- Tier 4: All water above inefficient use. The rate is based on the costs of excessive imported water supplies, delivery, peaking costs, recycled water cost funding, and conservation funding; and

WHEREAS, the Board of Directors hereby finds and determines that it is desirable to adopt the Program in order to codify the rules and regulations governing its actions, and the actions of Persons using and consuming water within the District, particularly during declared water shortages and water shortage emergencies, to protect the general welfare and the District's water supplies, and to reduce water consumption all in accordance with the declared policies and laws of the State; and

WHEREAS, the Board of Directors hereby further finds and determines that this Ordinance and the Program set forth herein are in the public interest and serve the public purpose of the District; and

WHEREAS, the California Urban Water Management Planning Act, Water Code Section 10610 et seq. (the Act) mandates that every urban

supplier of water providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually, prepare and adopt, in accordance with prescribed requirements, a Water Shortage Contingency Plan (WSCP) as part of its Urban Water Management Plan; and

WHEREAS, in accordance with the Act, The District adopted its WSCP, a detailed plan for how The District intends to act or respond to water shortage conditions on June 10, 2021 and adopted a revised WSCP on November 9, 2023; and

WHEREAS, this Program is one legal authority that enables the District to implement its WSCP; and

WHEREAS, in accordance with applicable law, a Notice of a Public Hearing regarding the District's Program was published within the jurisdiction of the District on October 25, and November 1, 2023 for English language and for Spanish language; and

WHEREAS, in accordance with applicable law, a public hearing was held on November 9, 2023 at 4:00 PM, or soon thereafter, in the boardroom of the offices of the Elsinore Valley Municipal Water District Water District of Riverside County, 31315 Chaney St., Lake Elsinore, CA 92530 in order to provide members of the public and other interested entities with the opportunity to be heard in connection with proposed adoption of the Program and issues related thereto; and

WHEREAS, at the Hearing held on November 9, 2023, the Board heard and considered all oral testimony, written materials, and written protests concerning the proposed Program, and at the close of the Hearing, The District did not receive written protests against the establishment of and imposition of the proposed Water Shortage Contingency Plan/Water Conservation Program and associated Water Shortage Penalties; and

WHEREAS, due to the fiscal impacts referenced above, the Board of Directors has determined that it is in the best interests of the District to adopt the proposed Water Supply Shortage Contingency Plan/Water Conservation

Program identified herein and as more particularly described and set forth herein; and

WHEREAS, due to the fiscal impacts referenced above, the Board has determined that it is in the best interests of the District to adopt the proposed Water Shortage Contingency Plan/Water Conservation Program identified herein and as more particularly described and set forth herein; and

NOW, THEREFORE, BE IT ORDAINED by the Board of Directors of the Elsinore Valley Municipal Water District as follows:

Section 1. Recitals

The Board of Directors hereby finds and determines that the above recitals are true and correct and incorporated herein.

Section 2. Findings and intent

(A) The Board of Directors finds and determines that because of the prevailing conditions in the state, and the declared policy of the State, it is necessary and appropriate for the District to adopt, implement, and enforce this Program to reduce the quantity of water used by Persons within the District to ensure that there is sufficient water for human consumption, sanitation, and fire protection. The District further finds and determines that during periods of drought, water shortages, and water shortage emergencies the general welfare requires that the District maximize the beneficial use of its available water resources to the extent that it is capable, and that the waste or unreasonable use, or unreasonable method of use of water shall be prevented and the conservation of water is to be extended with the view to the reasonable and beneficial use thereof in the interests of the people of the District and for the public health, safety, and welfare.

(B) This Ordinance adopts the Program which establishes water waste restrictions, supply shortage response measures, regulations, and administrative fines and/or penalties to be implemented during declared water supply shortage stages.

(C) This Ordinance adopts the Program which establishes six (6) water supply shortage stages and supply shortage response measures to be implemented by the District, with increasing restrictions on water use and

administrative fines and/or penalties for water waste in response to decreasing water supplies and/or worsening drought conditions.

(D) The water supply shortage stages may be caused by, but are not limited to, any or all of the following circumstances or events:

(1) A regional water supply shortage;

(2) Delivery infrastructure such as storage reservoirs, pipes, pumps, filtration devices or groundwater wells are inoperable or unusable (such as by power outages, mechanical failure, or contamination);

(3) Alternative water supplies are limited or unavailable;

(4) Groundwater levels or groundwater quality is approaching levels which may require augmentation of the groundwater basin or other actions necessary to protect the groundwater basin as prescribed by the California Department of Water Resources, the Regional Water Quality Control Board, Riverside County, or some other regulatory body; or

(5) MWD's Water Surplus and Drought Management Plan stages and the MWD Water Supply Allocation Plan stages and corresponding actions have been implemented.

(6) a statewide drought declaration

Section 3. Purpose and scope

(A) The purposes of the provisions of this Ordinance and Program are to assure the highest beneficial use of District water supplies and to provide sufficient water supplies to meet the basic needs of human consumption, sanitation, and fire protection within the District's direct retail service area.

(B) This Ordinance is not intended to repeal, abrogate, annul, impair or in any way interfere with the free use of property by covenant, deed, or other private agreement or with restrictive covenants running with the land to which the District provides water services.

(C) The provisions of this Ordinance shall apply to all Persons within the District's direct retail service area and all property served in a retail capacity by the District wherever situated.

(D) Nothing in this Ordinance is intended to affect or limit the ability of the District to respond to an emergency, including an emergency that affects the ability of the District to supply water.

Section 4. Definitions

For the purposes of this Ordinance, the following words, terms, and phrases shall have the following meanings:

"Appellant" means the Person appealing a decision of the Approving Authority, General Manager or other District official.

"Approving Authority" means the General Manager of the District, or his or her designee, charged with approving or denying written applications for Relief.

"Board of Directors" means the Board of Directors of the District.

"District" means the Elsinore Valley Municipal Water District.

"Enforcement Officer" means any individual employed or otherwise charged by the District to inspect or enforce codes, ordinances, mandates, regulations, resolutions, rules or other laws adopted by the Board of Directors or other regulatory bodies.

"General Manager" means the General Manager of the District or his or her authorized designee.

"Immediate Emergency" means a breakage or failure of a dam, pump, pipeline or conduit, a disaster or other disruption of the District's water supply.

"MWD" means the Metropolitan Water District of Southern California.

"Person" means any natural person, firm, joint venture, joint stock company, partnership, public or private association, club, company, corporation, business trust, organization, public or private agency, government agency or institution, school district, college, university, any other user of water provided by the District, or the manager, lessee, agent, servant, officer or employee of any of them or any other entity which is recognized by law as the subject of rights or duties.

"Program" means the Water Supply Shortage Contingency Program adopted pursuant to this Ordinance.

"Property Owner" means the owner of a parcel whose name and address appears on the last Riverside County equalized secured property tax assessment roll, or in the case of any public entity, the State of California, or the United States, means the representative of that public entity at the address of that entity known to the District.

"Recycled Water" means municipal wastewater that has been treated to meet all applicable Federal, State and local standards for use in approved applications, including, but not limited to, agricultural and landscape irrigation.

"Relief" means excuse from compliance with the regulations and restrictions on water use contained in this Ordinance.

"State" means the State of California.

"Water Budget" means a Customer's total water billing allocation for indoor and outdoor water use. The specific indoor and outdoor allocation of water depends on the type of Customer (Customer sector) and the specific characteristics of the Customer's site. Use in excess of the allocation is charged at incrementally higher rates.

"Water Customer" or "Customer" means a Person who, according to the District's records, receives water service to a parcel of property.

"Water Shortage Emergency" means a condition existing within the District in which the ordinary water demands and requirements of Persons within the District cannot be satisfied without depleting the water supply of the District to the extent that there would be insufficient water for human consumption, sanitation, and fire protection. A Water Shortage Emergency includes both an Immediate Emergency, in which the District is unable to meet current water needs of Persons within the District, as well as a threatened water shortage, in which the District determines that its supply cannot meet an increased future demand.

"Water Supply Allocation Plan" or "WSAP" means the Plan developed by MWD to calculate member agencies' supply allocations should a shortage be declared.

"Water Surplus and Drought Management" Plan means the 1999 Plan that MWD uses to direct its resource operations to ensure that shortage allocations of imported water supplies are not required.

"WMWD" means the Western Municipal Water District.

Section 5. Stage Implementation

(A) The General Manager shall monitor the projected supply of and demand for water within the retail water service area of the District during periods of a water shortage or supply shortage and shall recommend to the Board of Directors the extent of the demand reduction required through the

implementation and/or termination of particular water supply shortage stages or sub-stages to prudently plan and supply water to Water Customers. Thereafter, the Board of Directors may order the implementation or termination of the appropriate stage.

(B) The declaration of any stage beyond Stage 1 shall be made by resolution of the Board of Directors. Within ten (10) calendar days of the adoption of the resolution declaring the applicable stage, the District shall make a public announcement and provide notice of the applicable water supply shortage stage. Such declaration and notice shall provide the extent, terms, and conditions as well as the associated Water Budget allocations and fines and/or penalties respecting the use and consumption of water in accordance with the applicable water supply shortage stage as provided in this Ordinance. Upon such declaration and publication of such notice, due and proper notice shall be deemed to have been given to each and every Person supplied water within the District.

(C) The water supply shortage stage designated shall become effective immediately upon announcement.

(D) Except in the event of an Immediate Emergency, the declaration of a Water Shortage Emergency during any water supply shortage stage shall be made in accordance with California Water Code sections 350 *et seq.*

(E) Notwithstanding any other provision of this Ordinance, if an Immediate Emergency occurs and the Board of Directors cannot meet in time to act to protect the public interest, the General Manager is hereby authorized and directed to implement any necessary rules and regulations upon his or her written determination that the District cannot adequately supply water to meet the ordinary demands of water consumers, and that such implementation is necessary to protect the public health and safety.

(1) The General Manager's written determination of an Immediate Emergency shall be:

(a) filed with the District Secretary;

(b) posted on the District's website;

(c) delivered to the Board of Directors; and

(d) subsequently considered by the Board of Directors at a general or special meeting for review, revocation, or ratification.

(2) The implementation of any rules and regulations during an Immediate Emergency shall take effect immediately upon making a posting of the determination of the Immediate Emergency on the District's website.

(3) The Board of Directors' meeting shall be held on the earliest date that a quorum of the Board of Directors is available. At the Board of Directors meeting, the General Manager shall update the Board of Directors on the severity and length of the Immediate Emergency.

Section 6. Stage 1 – Water Supply Watch

(A) Stage 1 is also referred to as "Water Supply Watch – Water Use Efficiency is a Way of Life" and applies during periods when the District is able to meet all of the water demands of its Customers or when supplies are reduced by 10%. Stage 1 and the permanent prohibitions set forth herein shall be in effect at all times unless the Board of Directors otherwise declares that another stage is in effect pursuant to this Ordinance and such stage establishes more stringent prohibitions on the use of water during the particular stage. The District's Board of Directors may choose to implement a temporary water shortage surcharge rate and a temporary water shortage penalty to achieve water conservation. Under Stage 1, Customers are encouraged to use water efficiently and take advantage of the District's water use efficiency programs. Stage 1 also mandates the implementation of several permanent water waste prohibitions, even when there is no foreseeable threat of a water shortage. Water waste is in violation of California Law at any stage. California's water law and policy, Article X, Section 2 of the California Constitution, requires that all uses of the State's water be both reasonable and beneficial and places a significant limitation on water rights by prohibiting the waste, unreasonable use, unreasonable method of use, or unreasonable method of diversion of water. The permanent prohibitions shall be continually in effect at all levels of water shortage declarations in addition to the requirements specific to each level. All normal water efficiency programs and water

conservation regulations of the District will be in full force and effect during Stage 1. The permanent shortage response measures include:

(1) All irrigators shall ensure automatic irrigation timers are adjusted according to changing weather patterns and landscape requirements.

(2) All open hoses shall be equipped with automatic, positive shut-off nozzles.

(3) Watering of lawns and/or groundcovers and irrigating landscaping is permitted only between the hours of 6:00 p.m. and 6:00 a.m.

(4) Sprinklers and irrigation systems shall be adjusted to avoid overspray, runoff and waste. Watering on windy days is to be avoided.

(5) Installation of water saving devices, such as low flow shower heads and faucet aerators, is encouraged.

(6) Selection of low-water-demand shrubs, groundcovers and trees for all new landscaping is strongly encouraged.

(7) All swimming pools, spas, ponds, and fountains shall be equipped with re-circulating pumps.

(8) All plumbing leaks, improperly adjusted sprinklers, or other water conduits/fixtures that require repair or adjustment shall be corrected to the satisfaction of the District within ninety-six (96) hours of notification by the District.

(9) No Person shall use water to wash down sidewalks, driveways, parking areas, tennis courts, patios, or other paved or hard surface areas, except to alleviate immediate fire or sanitation hazards, and then only by use of: a hand-held bucket or similar container, a hand-held hose equipped with an automatic, positive self-closing shut-off device, or a low volume, high-pressure cleaning machine.

(10) No Person shall allow water to leave his or her property by drainage onto adjacent properties or public or private roadways or streets due to excessive irrigation and/or uncorrected leaks.

(11) The washing of automobiles, trucks, trailers, boats, airplanes and other types of mobile equipment, is permitted at any time with a hand-held bucket or a hand-held hose equipped with an automatic, positive shut-off nozzle. Provided, however, such washing may be done at any time on the

immediate premises of a commercial car wash, a commercial service station or car dealership with commercial car washing equipment, or by a licensed mobile detailing/car wash professional using low volume, high pressure washing equipment. Further, such washings are exempted from these regulations where the health, safety, and welfare of the public is contingent upon frequent vehicle cleanings, such as garbage trucks and vehicles used to transport food and perishables.

(12) Use of movable or permanent sprinkler systems for lawn irrigation and watering of plants, trees, shrubs or other landscaped areas shall be permitted no more than four times per week. However, irrigation of lawns, gardens, landscaped areas, trees, shrubs or other plants is permitted at anytime if:

a. A drip irrigation system is used, or

b. Recycled water is used.

(13) Irrigation occurring during 48 hours after a rain event (resulting in a ½" or more) is prohibited.

(14) All restaurants, cafes, and other public food service establishments are prohibited from serving drinking water unless specifically requested by their customers.

(15) Hotels, motels and other commercial lodging establishments should provide customers the option of not having towels and linens laundered daily. Commercial lodging establishments should prominently display notices of this option in each bathroom using clear and easily understood language.

(16) Customers shall install pool and spa covers to minimize water loss due to evaporation.

(17) The District shall develop a public information campaign to provide Customers with options for achieving the Stage 1 demand reduction goal. The District shall explore increased Customer incentives for conservation measures.

(B) The District will attempt to contact Customers by telephone, mail, email and/or printed "door-hanger" to alert of a required repair, adjustment, or violation. All Customers shall ensure that the District has current telephone and

email contact information. The District is not responsible for incorrect phone numbers or email addresses.

(C) Stage 1 does not apply to the use of non-potable or Recycled Water. The use of non-potable or Recycled Water is permitted pursuant to the specific rules and regulations that govern its use.

Section 7. Stage 2 – Water Supply Alert

(A) Stage 2 is also referred to as a "Water Supply Alert" and applies during periods when there is up to a 20% reduction in the District supplies. This may correlate to MWD's WSCP Stage 2.

(B) The objective of Stage 2 is to achieve a moderate reduction in water use up to 20% reduction through mandatory actions. The District's Board of Directors may choose to implement a temporary water shortage surcharge rate and a temporary water shortage penalty to achieve water conservation.

(C) Stage 2 does not apply to the use of non-potable or Recycled Water. The use of non-potable or Recycled Water is permitted pursuant to the specific rules and regulations that govern its use.

(D) Mandatory conservation measures will be called upon during this stage. The restrictions listed in Stage I shall remain in effect with the following additions:

(1) Installation of new landscapes shall be prohibited unless irrigated with drip irrigation. Exceptions may be provided for projects with prior approval by the appropriate jurisdiction.

(2) Use of movable or permanent sprinkler systems for lawn irrigation and watering of plants, trees, shrubs or other landscaped areas shall be permitted no more than three times per week. However, irrigation of lawns, gardens, landscaped areas, trees, shrubs or other plants is permitted at anytime if:

a. A drip irrigation system is used, or

b. Recycled water is used.

(3) The operation of any exterior ornamental fountain or similar structure is prohibited unless equipped with a recirculating system.

(4) The District shall develop a public information campaign to provide Customers with options for achieving the Stage 2 demand reduction goal. The District shall explore increased Customer incentives for conservation measures.

(5) Water use beyond the water volume permitted for Tier 1 and Tier 2 will be charged a water shortage penalty per hundred cubic feet (CCF). The Water shortage penalty will be $3.13 per CCF and $1.69 per CCF, respectively, for the Elsinore Division and Temescal Division.

Section 8. Stage 3 – Mandatory Waste Reduction

(A) The intent of Stage 3 is to target and eliminate excessive water waste and water use, which corresponds to the District's Tiers 3 and 4 of its water budget allocation. Stage 3 applies during periods when the District supplies are reduced up to 30%. This may correlate to MWD's Shortage Allocation Plan Shortage Levels 1 through 3.

(B) The objective of the measures undertaken in Stage 3 is to reduce water system consumption within the District by 30%. The District's Board of Directors may choose to implement a temporary water shortage surcharge rate and a temporary water shortage penalty to achieve water conservation.

(C) Stage 3 does not apply to the use of non-potable or Recycled Water. The use of non-potable or Recycled Water is permitted pursuant to the specific rules and regulations that govern its use.

(D) Mandatory conservation measures will be called upon during this stage. The restrictions listed in Stages I and II shall remain in effect with the following additions:

(1) Use of movable or permanent sprinkler systems for lawn irrigation and watering of plants, trees, shrubs or other landscaped areas shall be permitted only two times per week. However, irrigation of lawns, gardens, landscaped areas, trees, shrubs or other plants is permitted at anytime if:

a. A drip irrigation system is used, or

b. Recycled water is used

(2) Construction meters utilizing potable water shall be issued only to those Persons who have been issued valid grading and/or building permits.

(3) The filling, refilling or addition of water to uncovered outdoor swimming pools, wading pools or spas is prohibited

(4) The District shall eliminate all adjustments to existing residential Customers' outdoor Water Budgets including, but not limited to, increases for swimming pools, spas, or pond maintenance adjustments. New water using features or expanded landscapes shall not qualify for a Water Budget Variance.

(5) The washing of automobiles, trucks, trailers, boats, airplanes and other types of mobile equipment, is permitted only on the immediate premises of a commercial car wash, a commercial service station or car dealership with commercial car washing equipment, or by a licensed mobile detailing/car wash professional using Recycled Water only.

(6) The District shall develop a public information campaign to provide Customers with options for achieving the Stage 3 demand reduction goal and complying with their applicable water allocation. The District shall explore increased Customer incentives for conservation measures.

(7) Water use beyond the water volume permitted for Tier 1 and Tier 2 will be charged a water shortage penalty per hundred cubic feet (CCF). The Water shortage penalty will be $5.27 per CCF and $10.31 per CCF, respectively, for the Elsinore Division and Temescal Division.

Section 9. Stage 4 - Mandatory Outdoor Reductions

(A) The intent of this stage is to target and decrease water outdoor water use, which corresponds to District's Water Budget Tier 2 allocation Tiers 3 and 4 for water through targeted outdoor reduction actions. Stage 4 applies during periods when the District supplies are reduced to 40%. This may correlate to MWD's WSAP Stage 4.

(B) The objective of the measures undertaken in Stage 4 is to reduce water system consumption within the District by 40%. The District's Board of Directors may choose to implement a temporary water shortage surcharge rate and a temporary water shortage penalty to achieve water conservation.

(C) Stage 4 does not apply to non-potable or Recycled Water. The use of non-potable or Recycled Water is permitted pursuant to the specific rules and regulations that govern their use.

(D) Except as otherwise provided in this Section 9, all supply shortage response measures of Stages 1 through 3 shall be in full force and effect during Stage 4 with the following additions:

(1) No new construction or hydrant meters will be issued. Potable water shall not be used for earth work, road construction purposes, dust control, compaction, or trenching jetting. Construction projects necessary to maintain the health, safety, and welfare of the public are exempt from these regulations.

(2) Use of movable or permanent sprinkler systems for lawn irrigation and watering of plants, trees, shrubs or other landscaped areas shall be permitted only one time per week. However, irrigation of lawns, gardens, landscaped areas, trees, shrubs or other plants is permitted at anytime if:

a. A drip irrigation system is used, or

b. Recycled water is used.

(3) The District shall develop a public information campaign to provide Customers with options for achieving the Stage 4 demand reduction goals and complying with their applicable allocation. The District may explore increased Customer incentives for conservation measures.

(4) Water use beyond the water volume permitted for Tier 1 and Tier 2 will be charged a water shortage penalty per hundred cubic feet (CCF). The Water shortage penalty will be $6.85 per CCF and $13.40 per CCF, respectively, for the Elsinore Division and Temescal Division.

Section 10. Stage 5 – Elimination of Outdoor Use

(A) The intent of this stage is to target and eliminate outdoor water use. Stage 5 applies during periods when the District supplies are reduced up to 50%. This shortage level may correlate to MWD's WSCP Stage 5.

(B) The objective of the measures undertaken in Stage 5 is to significantly reduce water consumption within the District by 50% to protect public health, safety, and fire flow. The District's Board of Directors may choose to implement a temporary water shortage surcharge rate and a temporary water shortage penalty to achieve water conservation.

(C) Stage 5 does not apply to non-potable or Recycled Water, although there is no guarantee of availability. The use of non-potable or Recycled Water is permitted pursuant to the specific rules and regulations that govern their use and availability.

(D) Except as otherwise provided in this Section 10, all water supply shortage response measures of Stages 1 through 4 shall be in full force and effect during Stage 5 with the following additions:

(1) All landscape and non-essential outdoor water use for all Customers in all areas of the District's retail water service area shall be prohibited.

(2) All dedicated irrigation meters will be locked off by District personnel.

(3) Except as to property for which a building permit has been heretofore issued, no new water meter(s) shall be provided, except in the following circumstances:

(a) for projects necessary to protect the public's health, safety, and welfare; or

(b) when using Recycled Water.

(4) The District shall develop a public information campaign to provide Customers with options for achieving the Stage 5 demand reduction goals and complying with their allocation. The District may explore increased Customer incentives for conservation measures.

(5) Water use beyond the water volume permitted for Tier 1 and Tier 2 will be charged a water shortage penalty per hundred cubic feet (CCF). The Water shortage penalty will be $8.91 per CCF and $17.42 per CCF, respectively, for the Elsinore Division and Temescal Division.

Section 11. Stage 6 - Catastrophic Water Supply Loss - Targeting Indoor Use

(A) Stage 6 is also referred to as a "Catastrophic Water Supply Loss - Targeting Indoor Use" stage. The intent of this stage is to substantially reduce the demand for water through indoor conservation actions. Stage 6 applies during periods when District supplies are reduced by more than 50%, including catastrophic emergencies. This may correlate to MWD's WSCP Stage 6. Stage 6

may be declared during an Immediate Emergency. A Stage 6 declaration may also be accompanied by a Board Resolution declaring a Water Shortage Emergency under California Water Code sections 350 et seq.

(B) The objective of the measures undertaken in Stage 6 is to significantly reduce water consumption within the District's service area to protect public health, safety, and fire flow. The District's Board of Directors may choose to implement a temporary water shortage surcharge rate and a temporary water shortage penalty to achieve water conservation.

(C) Except as otherwise provided in this Section 11, all water supply shortage response measures of Stages 1 through 5 shall be in full force and effect during Stage 6 with the following additions:

(1) No District water shall be used for construction purposes except for system pressurization and/or testing.

(2) Reduction of Tier 1 Allocation

(3) The District shall develop a public information campaign to provide Customers with options for achieving the Stage 6 demand reduction goals and complying with their allocation. The District may explore increased Customer incentives for conservation measures.

(4) Water use beyond the water volume permitted for Tier 1 and Tier 2 will be charged a water shortage penalty per hundred cubic feet (CCF). The Water shortage penalty will be $11.58 per CCF and $22.65 per CCF, respectively, for the Elsinore Division and Temescal Division.

Section 12. Violations and Remedies

(A) Criminal Violation. It shall be unlawful for any Person to willfully violate the provisions of this Ordinance. Any violation of the provisions of this Ordinance shall be a misdemeanor, unless made an infraction by the prosecutor, subject to imprisonment in the county jail for not more than thirty (30) days or by fine not to exceed $1,000, or by both as provided in California Water Code section 377.

(B) Cease and Desist Order. The General Manager may issue a cease and desist order directing the Property Owner, or occupant, or other Person in charge of day-to-day operations of any property, and/or any other Person responsible for a violation of this Ordinance to:

(1) Immediately discontinue any prohibited use of water pursuant to this Ordinance; and

(2) Immediately cease any activity not in compliance with the terms, conditions, and requirements of this Ordinance.

(C) Civil Action. In addition to any other remedies provided in this Ordinance, any violation of this Ordinance may be enforced by civil action brought by the District and the imposition of administrative fines and/or penalties. In any such action, the District may seek, and the court may grant, as appropriate, any or all of the following remedies:

(1) A temporary and/or permanent injunction;

(2) Assessment of the violator for the costs of enforcement of the violation and for the reasonable costs of preparing and bringing legal action under this Ordinance; and

(3) Assessments under this subsection shall be paid to the District to be used exclusively for costs associated with implementing or enforcing the water supply shortage and regulatory provisions of this Ordinance.

(D) Administrative actions. In addition to any other remedies provided in this Ordinance, any violation of this Ordinance may be enforced by the imposition of administrative fines and/or penalties. In any such action, the District may seek, and the court may grant, as appropriate, any or all of the following remedies:

(1) Any notice, notice of violation, cease and desist order, and administrative compliance order may be sent by regular mail. Service by regular mail is effective on the date of mailing.

(2) The notice of violation may include, where deemed applicable by the General Manager or his or her authorized designee, the following terms and conditions:

(a) specific steps or actions and time schedules for compliance as reasonably necessary to prevent future violations of this Ordinance; and

(b) any other terms, conditions, or requirements reasonably calculated to prevent continued or threatened future violations of this

Ordinance, including, but not limited to, discontinuing or limiting water service with the installation of a flow-restricting device.

(3) In addition to or in conjunction with the notice of violation, for a first violation of any provision of this Ordinance, within two (2) weeks of the violation:

(a) the District may provide notice to the Property Owner or occupant of the property where the violation occurred to advise such Person of:

(i) the water supply shortage stage then in effect and the provisions of this Ordinance relating thereto;

(ii) water supply shortage response measures that are required and may be implemented pursuant to this Ordinance;

(iii) possible consequences and actions which may be taken by the District for future violations of this Ordinance, including discontinuance of water service; and

(iv) fines and/or penalties that may be imposed for the specific violation and any future violations of this Ordinance;

(4) In addition to or in conjunction with the notice of violation, for a second or any subsequent violation of this Ordinance, within two (2) weeks of the violation:

(a) the District may provide notice to the property where the violation occurred to notify the Property Owner or occupant of the property where the violation occurred to advise such Person of:

(i) the water supply shortage stage then in effect and the provisions of this Ordinance relating thereto;

(ii) the water supply shortage response measures that are required and may be implemented by such Person; and

(iii) possible consequences which may occur in the event of any future violations of this Ordinance;

(b) if the General Manager or his or her authorized designee deem it to be appropriate, the District may order the installation of a flow-restricting device on the service line for any Person who violates any term or provision of this Ordinance;

(c) if the General Manager or his or her authorized designee deem it to be appropriate, the District may discontinue water service at the location where the violation occurred.

(5) The District may, after one (1) written notice of violation, order that a special meter reading or readings be made in order to ascertain whether wasteful or unreasonable use of water is occurring. The District may impose a meter reading fee for each meter reading it conducts pursuant to this Ordinance.

(E) Cumulative. All remedies provided herein shall be cumulative and not exclusive.

(F) On-going. A Person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any violation of any provision of this Ordinance is committed, continued, or permitted.

Section 13. Administrative Compliance Order and Fines and/or Penalties

(A) Separate from, in addition to, or in combination with a notice of violation or cease and desist order, the General Manager or his or her authorized designee may issue an administrative compliance order against the Property Owner and/or occupant of the property where a violation of this Ordinance occurred and/or any other Person responsible for a violation of this Ordinance who violates any provision of this Ordinance. Issuance of a notice of violation or a cease and desist order is not a prerequisite to the issuance of an administrative compliance order. The administrative compliance order shall allege the act(s) or failure(s) to act that constitute violations of this Ordinance and shall set forth the penalty for the violation(s).

(B) The General Manager may impose the following administrative monetary fines and/or penalties, in addition to other appropriate action requirements and measures:

(1) For water meters smaller than two inches (2") in size:

(a) For the first violation during any water supply shortage stage by any Person of any provision of this Ordinance, the District may issue a written notice to the Person which sets forth the facts surrounding the

violation and additional information such as the required compliance and potential fines and/or penalties for noncompliance;

(b) For a second violation during any water supply shortage stage by any Person of any provision of this Ordinance within the preceding twelve (12) calendar months, the District may issue a written notice to the Person which sets forth a complete copy of this Ordinance or summary document of the District's Water Supply Shortage Contingency Program as well as additional information such as the required compliance and potential fines and/or penalties for noncompliance.

(c) For a third violation during Stages 1 and 2 by any Person of any of the provisions of this Ordinance within the preceding twelve (12) calendar months, the District may impose a monetary penalty in the amount of one hundred dollars ($100.00) per day for each day a Person violates any provision of this Ordinance. During Stages 3, 4, 5 and 6 the District may impose a monetary penalty in the amount of two hundred dollars ($200.00) per day for each day a Person violates any provision of this Ordinance.

(d) For a fourth violation during Stages 1 and 2 by any Person of any of the provisions of this Ordinance within the preceding twelve (12) calendar months, the District may impose a monetary penalty in the amount of two hundred dollars ($200.00) per day for each day a Person violates any provision of this Ordinance. During Stages 3, 4, 5, and 6, the District may impose a monetary penalty in the amount of four hundred dollars ($400.00) per day for each day a Person violates any provision of this Ordinance.

(e) For a fifth and any subsequent violation, the District may install a flow-restricting device of two and one-half gallons per minute (2.5 GPM) capacity for services up to one and one-half inch (1-1/2") size and comparatively sized restrictors for larger services or terminate a Person's service in accordance with the District's applicable rules and regulations. These measures are in addition to any monetary fines and/or penalties provided for herein.

(f) Any such restricted or terminated service may be restored in accordance with the District's applicable rules and regulations and only upon a showing that the Person is in compliance with this Ordinance. Prior to any restoration of service, the Customer shall pay all District charges for any

restriction or termination of service and its restoration as provided for in the District rules governing water service, including, but not limited to payment of all past due bills and fines and/or penalties and any other amounts which may be due and owing under this Ordinance.

(2) For water meters two inches (2") and larger:

(a) For the first violation during any water supply shortage stage by any Person of any provision of this Ordinance, the District may issue a written notice to the Person which sets forth the facts surrounding the violation and additional information such as the required compliance and potential fines and/or penalties for noncompliance.

(b) For a second violation during any water supply shortage stage by any Person of any provision of this Ordinance within the preceding twelve (12) calendar months, the District may issue a written notice to the Person which sets forth a complete copy of this Ordinance or summary document of the District's Water Shortage Contingency Plan/Water Conservation Program as well as additional information such as the required compliance and potential fines and/or penalties for noncompliance.

(c) For a third violation during water supply shortage Stages 1 and 2 by any Person of any of the provisions of this Ordinance within the preceding twelve (12) calendar months, the District may impose a monetary fine and/or penalty in the amount of one hundred dollars ($100.00) per day for each day a Person violates any provision of this Ordinance. During Stages 3, 4, 5 and 6, the District may impose a monetary fine and/or penalty in the amount of three hundred dollars ($300.00) per day for each day a Person violates any provision of this Ordinance.

(d) For a fourth violation during water supply shortage Stages 1 and 2 by any Person of any of the provisions of this Ordinance within the preceding twelve (12) calendar months, the District may impose a monetary fine and/or penalty in the amount of three hundred dollars ($300.00) per day for each day a Person violates any provision of this Ordinance. During Stages 3, 4, 5 and 6, the District may impose a monetary fine and/or penalty in the amount of six hundred dollars ($600.00) per day for each day a Person violates any provision of this Ordinance.

(e) For a fifth and any subsequent violation, the District may install a flow restricting device or terminate a Person's service in accordance with the District's applicable rules and regulations, in addition to the monetary fines and/or penalties provided for herein.

(f) Any such restricted or terminated service may be restored in accordance with the District's applicable rules and regulations and only upon a showing that the Person is in compliance with this Ordinance. Prior to any restoration of service, the Customer shall pay all District charges for any restriction or termination of service and its restoration as provided for in the District rules governing water service, including, but not limited to, payment of all past due bills and fines and/or and any other amounts which may be due and owing under this Ordinance.

(3) An amount that shall not exceed one thousand dollars ($1,000.00) per day for each day on which a Person violates any provision of this Ordinance. Unless timely appealed, an administrative compliance order shall be effective and final as of the date it is issued by the General Manager.

(C) The amount of any fines and/or penalties imposed pursuant to this Section 13 may be collected by including said amount on the Customer's water bill. The amount of any fines and/or penalties imposed pursuant to this Section 14 which have remained delinquent for a period of sixty (60) calendar days shall constitute a lien against the real property of the Person violating this Ordinance. The lien provided herein shall have no force and effect until recorded with the Riverside County Recorder and when recorded shall have the force and effect and priority of a judgment lien and continue for ten (10) years from the time of recording unless sooner released, and shall be renewable in accordance with the provisions of sections 683.110 to 683.220, inclusive, of the California Code of Civil Procedure.

(D) The District may, at its option, elect to petition the Superior Court to confirm any order establishing administrative fines and/or penalties and enter judgment in conformity therewith in accordance with the provisions of sections 1285 to 1287.6, inclusive, of the California Code of Civil Procedure.

Section 14. Over-Budget Water Use Penalties

(A) All penalty moneys collected from over-budget water use during a declared water shortage stage in excess of the applicable Tier 2 rate may be allocated to or used for any of the following as determined by the District:

1. Conservation Penalty Account:

(a) Enhanced conservation programs designed to reduce water demands;

(b) Outreach and education programs designed to reduce water demands, decrease water waste, or generally raise water awareness;

(c) Enforcement of any provision of this Ordinance;

2. Supply Penalty Account:

(a) Purchase, acquisition, delivery, or wheeling of additional water supplies;

(b) General operations and maintenance expenses, including those incurred as a result of reduced water sales;

(c) The difference between budgeted revenue expected from the operations and maintenance component in the water rates of Tier 1 and 2 and actual revenue received from this component;

(d) Payment of penalty expenses incurred as a result of exceeding a WMWD water supply allocation;

(e) Payment of any other incremental cost of service associated with providing water deliveries and/or water service during any water curtailment, Water Shortage Emergency, or "Immediate Emergency" pursuant to Water Code sections 350 *et seq.*

Section 15. Recovery of Costs

(A) The General Manager shall serve an invoice for costs upon the Property Owner and/or occupant of any property, or any other responsible Person who is subject to a notice of violation, a cease and desist order, or an administrative compliance order. An invoice for costs shall be immediately due and payable to the District. If any Property Owner or Person in charge of day-to-day operations, Customer, or responsible party, or any other Person fails to either pay the invoice for costs or appeal successfully the invoice for costs in accordance with this

Ordinance, then the District may institute collection proceedings. The invoice for costs may include reasonable attorneys' fees.

(B) The District shall impose any other fines and/or penalties or regulatory fees, as fixed from time to time by the Board of Directors, for a violation or enforcement of this Ordinance.

(C) In order to recover the costs of the water supply shortage program set forth in this Ordinance, the Board of Directors may, from time to time, fix and impose fees and charges. The District fees and charges may include, but are not limited to fees and charges for:

(1) any visits of an Enforcement Officer or other District staff for time incurred for meter reading, follow-up visits, or the installation or removal of a flow-restricting device;

(2) monitoring, inspection, and surveillance procedures pertaining to enforcement of this Ordinance;

(3) enforcing compliance with any term or provision of this Ordinance;

(4) re-initiating service at a property where service has been discontinued pursuant to this Ordinance;

(5) processing any fees necessary to carry out the provisions of this Ordinance.

Section 16. Appeals

Any Person subject to a notice of violation, cease and desist order, or administrative compliance order may file a written appeal of such order or notice to the General Manager within thirty (30) calendar days of the date of service of the order or notice. An appeal shall be made in accordance with the following procedures:

(1) The Appellant shall complete and submit in writing a form provided by the District for such purpose and shall state in such form the grounds for his or her appeal. All appeals shall be submitted to the District Secretary within thirty (30) calendar days of the date of the notice of violation, cease and desist order, or administrative compliance order.

(2) The General Manager or his or her authorized designee shall review the appeal and any related information provided, and, if necessary, cause an investigation and report to be made concerning the request for Relief. The General Manager or his or her authorized designee shall have fifteen (15) calendar days from the submission of the appeal to render a decision on whether to grant the appeal and mail notice thereof to the Appellant. If the General Manager or his or her authorized designee grants the appeal, then within fifteen (15) calendar days of such determination the General Manager or his or her authorized designee shall give written notice thereof to the Appellant.

(3) The decision of the General Manager or his or her authorized designee may be appealed by the Appellant to the Board of Directors. Such appeal must be submitted in writing and filed with the District Secretary within fifteen (15) calendar days of the date of decision of the General Manager or his or her authorized designee. The Board of Directors shall conduct a hearing on such appeal at its next regularly scheduled Board of Directors meeting; provided, however, the Board of Directors shall have received the notice of appeal at least fifteen (15) calendar days prior to such meeting. If the appeal is not submitted within at least fifteen (15) calendar days prior to a regularly scheduled Board of Directors meeting, then the Hearing shall be held at the following regularly scheduled meeting of the Board of Directors. A notice of the Hearing shall be mailed to the Appellant at least ten (10) calendar days before the date fixed for the Hearing. The Board of Directors shall review the appeal de novo. The determination of the Board of Directors shall be conclusive and shall constitute a final order. Notice of the determination by the Board of Directors shall be mailed to the Appellant within ten (10) calendar days of such determination and shall indicate whether the appeal has been granted in whole or in part and set forth the terms and conditions of the appeal, if any, granted to the Appellant. If the appeal is denied, the Appellant shall comply with all terms and conditions of this Ordinance and the applicable stage then in effect.

(4) All adjustments to Water Budget allocations shall follow the procedure established by the District.

(5) Until the conclusion of the appeal process, all provisions and decisions under appeal shall remain in full force and effect until the conclusion of the appeal process.

Section 17. Relief from Compliance

Consideration of written applications for Relief from compliance regarding the regulations and restrictions on water use set forth in this Ordinance may be made by the District.

(A) Written applications for Relief shall be accepted, and may be granted or denied, by the Approving Authority, at his or her sole discretion, or by his or her designee at his or her sole discretion. The application shall be in a form prescribed by the District and shall be accompanied by a non-refundable processing fee in an amount as determined by the Board of Directors for the purpose of defraying the costs incidental to the proceedings.

(B) The grounds for granting or conditionally granting Relief are:

(1) Due to unique circumstances, a specific requirement of this Ordinance would result in undue hardship to a Person using District water or to property upon which District water is used, that is disproportionate to the impacts to other District water users generally or to similar property or classes of water users; or

(2) Failure to grant Relief would adversely affect the health, sanitation, fire protection, or safety of the applicant or the public.

(C) The application for Relief shall be accompanied, as appropriate, with photographs, maps, drawings, and other information substantiating the applicant's request, including a statement of the applicant.

(D) An application for Relief shall be denied unless the Approving Authority finds, based on the information provided in the application, supporting documentation, or such other additional information as may be requested, and on water use information for the property as shown by the records of the District, all of the following:

(1) That the Relief does not constitute a grant of special privilege inconsistent with the limitations upon other District Customers;

(2) That because of special circumstances applicable to the property or its use, the strict application of this Ordinance would have a

disproportionate impact on: (a) the property or use that exceeds Customers generally; or (b) the applicant's health that exceeds Customers generally;

(3) That the authorization of such Relief will not be of substantial detriment to adjacent properties, will not materially affect the ability of the District to effectuate the purposes of this Ordinance, and will not be detrimental to the public interest; and

(4) That the condition or situation of: (a) the subject property or the intended use of the property for which the Relief is sought is not common, recurrent, or general in nature; or (b) the applicant's health or safety is not common, recurrent, or general in nature.

(E) The denial or grant of a Relief shall be acted upon within fifteen (15) business days of the submittal of the complete application, including any photographs, maps, drawings, and other information substantiating the applicant's request and the statement of the applicant. The application may be approved, conditionally approved, or denied. The decision of the Approving Authority shall be prepared in writing, include terms and conditions, if any, and promptly sent to the applicant.

(F) The denial of a request for Relief may be appealed in writing to the General Manager. An appeal shall be made in accordance with the following procedures:

(1) The Appellant shall complete and submit in writing a form provided by the District for such purpose and shall state in such form the grounds for his or her appeal. All appeals shall be submitted to the District Secretary within thirty (30) calendar days of the date of the notice of the denial of the request for Relief.

(2) The General Manager or his or her authorized designee shall review the appeal and any related information provided, and, if necessary, cause an investigation and report to be made concerning the request for Relief. The General Manager or his or her authorized designee shall have fifteen (15) calendar days from the submission of the appeal to render a decision on whether to grant the appeal and mail notice thereof to the Appellant. If the General Manager or his or her authorized designee grants the appeal and determines that the request for

Relief shall be granted, then within fifteen (15) calendar days of such determination the General Manager or his or her authorized designee shall give written notice thereof to the Appellant.

(3) The decision of the General Manager or his or her authorized designee may be appealed by the Appellant to the Board of Directors. Such appeal must be submitted in writing and filed with the District Secretary within fifteen (15) calendar days of the date of decision of the General Manager or his or her authorized designee. The Board of Directors shall conduct a hearing on such appeal at its next regularly scheduled Board of Directors meeting; provided, however, the Board of Directors shall have received the notice of appeal at least fifteen (15) calendar days prior to such meeting. If the appeal is not submitted within at least fifteen (15) calendar days prior to a regularly scheduled Board of Directors meeting, then the Hearing shall be held at the following regularly scheduled meeting of the Board of Directors. A notice of the Hearing shall be mailed to the Appellant at least ten (10) calendar days before the date fixed for the Hearing. The Board of Directors shall review the appeal de novo. The determination of the Board of Directors shall be conclusive and shall constitute a final order. Notice of the determination by the Board of Directors shall be mailed to the Appellant within ten (10) calendar days of such determination and shall indicate whether the appeal has been granted in whole or in part and set forth the terms and conditions of the Relief, if any, granted to the Appellant. If the appeal is denied, the Appellant shall comply with all terms and conditions of this Ordinance and the applicable stage then in effect.

(4) All adjustments to Tier 1 Water Budget allocations shall follow the procedure established by the District.

(5) Until the conclusion of the appeal process, all provisions and decisions under appeal shall remain in full force and effect until the conclusion of the appeal process.

Section 18. Conflicting Provisions

If provisions of this Ordinance are in conflict with each other, other rules and regulations of the District, any other resolution or ordinance of the District, or any State law or regulation, the more restrictive provisions shall apply.

Section 19. Severability

If any provision, section, subsection, sentence, clause or phrase or sections of this Ordinance, or the application of same to any Person or set of circumstances, is for any reason held to be unconstitutional, void or invalid, the invalidity of the remaining portions of sections of this Ordinance shall not be affected, it being the intent of the Board of Directors in adopting this Ordinance that no portions, provisions, or regulations contained herein shall become inoperative, or fail by reason of the unconstitutionality of any other provision hereof and all provisions of this Ordinance are declared to be severable for that purpose.

Section 20. Effective Date and Publication

This Ordinance shall be effective upon adoption. Within ten (10) days after its adoption, the District Secretary shall cause this Ordinance to be published once pursuant to California Government Code section 6061 in full in a newspaper of general circulation which is printed, published, and circulated in the District. If there is no such newspaper, the Ordinance shall be posted within the District after its adoption in three public places.

ADOPTED AND APPROVED this 9th day of November 2023, by the Board of Directors of the Elsinore Valley Municipal Water District.

Andy Morris, President of the
Board of Directors of the
Elsinore Valley Municipal Water District

ATTEST:

Terese Quintanar, Secretary of the
Board of Directors of the
Elsinore Valley Municipal Water District

STATE OF CALIFORNIA)
) ss:
COUNTY OF RIVERSIDE)

I, Terese Quintanar, Secretary of the Board of Directors of the Elsinore Valley Municipal Water District, do hereby certify that the foregoing Ordinance 278 was adopted at a regular meeting of the Board of Directors of the Elsinore Valley Municipal Water District held November 9, 2023, by the following vote:

AYES:	Burke, Edmondson, Ferguson, Ryan, Morris
NOES:	None
ABSENT:	None
ABSTAIN:	None

Terese Quintanar, Secretary of the
Board of Directors of the
Elsinore Valley Municipal Water District

Attachment 2: 2023 EVMWD Drought Surcharge Study

Water Shortage Surcharges

Agency: Elsinore Valley Municipal Water District (EVMWD)
Date: October 3, 2023

The District's Water Shortage Contingency Plan (WSCP) identifies six water shortage stages of reduced water supplies and corresponding water usage. Usage is identified in hundred cubic feet (HCF)[1]. Stage 1 assumes a 10% reduction, with each subsequent stage projecting an additional 10% reduction in water usage, with Stage 6[2] being anything over 50%. When water shortage stages are enacted, and the conservation measures realize reductions in water usage, revenues will also reduce, causing the District not to meet its revenue requirements. As such, the District's WSCP includes the implementation of Water Shortage Surcharges (surcharges) to recover projected lost revenues from each water shortage stage. For the purposes of this analysis, Stage 6 assumes a 60% reduction in water usage.

The District Board may enact surcharges during water shortage events to recover the appropriate revenue to fund water system operations from a reduced volume of water sold. Therefore, the surcharges are higher than the District's current variable rates and increase for each water shortage stage. The most recent water rate study set rates through FY 2025 but did not include an update to the District's surcharges. Therefore, the proposed surcharges, by stage, derived herein are for the last two years of the previously approved water rates (FY 2024 and FY 2025) for the Elsinore Division and Temescal Division.

Elsinore Division FY 2024 Surcharges:

. Water use reductions for each stage were first applied pro-rata to the highest tiers of Residential (Tier 4) and Irrigation (Tier 3) usage. The usage within these two tiers has the highest potential for cuts and the most significant revenue loss to recover for developing surcharges. As more usage reductions are required to meet the water shortage stage, usage is reduced to each customer class and tier based on the priority shown in Table 1. Stage 6 represents a catastrophic loss in water supply where residential indoor water usage (Tier 1) would be impacted.

[1] One HCF = 748 gallons of water

[2] Stage 6 is for any required reductions over 50%. For deriving Stage 6 surcharges, 60% water reduction was used.

Table 1: Elsinore – FY 2024 Priority of Usage Reductions

Customer Class	Baseline Usage (HCF)	Priority
Residential		
Tier 1	4,163,178	*Final Reduction*
Tier 2	2,750,523	*3rd Reduction*
Tier 3	248,357	*2nd Reduction*
Tier 4	460,379	*1st Reduction*
Irrigation		
Tier 1	1,247,023	*3rd Reduction*
Tier 2	120,847	*2nd Reduction*
Tier 3	172,309	*1st Reduction*
Commercial	571,931	*4th Reduction*
Institutional	52,606	*4th Reduction*
Inter-Agency Wholesale		
Tier 1	113,933	*4th Reduction*
Tier 2	21,183	*2nd Reduction*
Construction	181,268	*3rd Reduction*
Total	10,103,537	

Table 2 identifies the total reduction in HCF needed to achieve each water shortage stage, and Table 3 summarizes where the reductions are assumed to occur from customer classes and tiers. For example, Stage 1 requires a reduction of 1,010,354 HCF. To achieve this reduction by applying the priority hierarchy in Table 1, water usage is first reduced within Residential Tier 4 and Irrigation Tier 3 proportionally. However, these two tiers represent 637,433 HCF, which is less than the required 10% reduction. Usage reductions are then applied pro-rata to the second priority (Residential – Tier 3, Irrigation – Tier 2, and Inter-Agency – Tier 2) until the reduction requirement is achieved or the next usage priority is reduced pro-rata. The 10% reduction is achieved with a 100% cutback in priority 1 usage and a 96.7% reduction applied to all priority 2 usage.

Table 2: Elsinore – FY 2024 Total Usage Reductions by Water Shortage Stage

Baseline Usage (HCF)	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
	10.0%	20.0%	30.0%	40.0%	50.0%	60.0%
10,103,537	1,010,354	2,020,707	3,031,061	4,041,415	5,051,769	6,062,122

Table 3: Elsinore – FY 2024 Usage Reductions by Customer Class and Tier

% Reduction	FY 2024						
Customer Class	Baseline Usage (HCF)	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	4,163,178	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%
Tier 2	2,750,523	0.0%	23.9%	48.1%	72.2%	96.4%	100.0%
Tier 3	248,357	96.7%	100.0%	100.0%	100.0%	100.0%	100.0%
Tier 4	460,379	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Irrigation							
Tier 1	1,247,023	0.0%	23.9%	48.1%	72.2%	96.4%	100.0%
Tier 2	120,847	96.7%	100.0%	100.0%	100.0%	100.0%	100.0%
Tier 3	172,309	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Commercial	571,931	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Institutional	52,606	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Inter-Agency Wholesale							
Tier 1	113,933	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Tier 2	21,183	96.7%	100.0%	100.0%	100.0%	100.0%	100.0%
Construction	181,268	0.0%	23.9%	48.1%	72.2%	96.4%	100.0%
Total (HCF)	**10,103,537**						

Usage Reduction (HCF)

Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	4,163,178	-	-	-	-	-	121,763
Tier 2	2,750,523	-	656,648	1,321,670	1,986,691	2,651,713	2,750,523
Tier 3	248,357	240,264	248,357	248,357	248,357	248,357	248,357
Tier 4	460,379	460,379	460,379	460,379	460,379	460,379	460,379
Irrigation							
Tier 1	1,247,023	-	297,709	599,214	900,719	1,202,225	1,247,023
Tier 2	120,847	116,909	120,847	120,847	120,847	120,847	120,847
Tier 3	172,309	172,309	172,309	172,309	172,309	172,309	172,309
Commercial	571,931	-	-	-	-	-	571,931
Institutional	52,606	-	-	-	-	-	52,606
Inter-Agency Wholesale							
Tier 1	113,933	-	-	-	-	-	113,933
Tier 2	21,183	20,493	21,183	21,183	21,183	21,183	21,183
Construction	181,268	-	43,275	87,102	130,929	174,756	181,268
Projected Usage Reduction	**10,103,537**	**1,010,354**	**2,020,707**	**3,031,061**	**4,041,415**	**5,051,769**	**6,062,122**

With reductions identified in Table 3, the remaining usage is summarized in Table 4. The corresponding reduced revenue for FY 2024 is shown in Table 5 by taking the usage in Table 4 and multiplying it by the proposed FY 2024 variable rates.

Table 4: Elsinore – FY 2024 Remaining Usage by Water Shortage Stage

Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178	4,163,178	4,041,415
Tier 2	2,750,523	2,750,523	2,093,875	1,428,853	763,832	98,810	-
Tier 3	248,357	8,093	-	-	-	-	-
Tier 4	460,379	-	-	-	-	-	-
Irrigation							
Tier 1	1,247,023	1,247,023	949,314	647,809	346,304	44,798	-
Tier 2	120,847	3,938	-	-	-	-	-
Tier 3	172,309	-	-	-	-	-	-
Commercial	571,931	571,931	571,931	571,931	571,931	571,931	-
Institutional	52,606	52,606	52,606	52,606	52,606	52,606	-
Inter-Agency Wholesale							
Tier 1	113,933	113,933	113,933	113,933	113,933	113,933	-
Tier 2	21,183	690	-	-	-	-	-
Construction	181,268	181,268	137,993	94,166	50,339	6,512	-
Total Projected Water Sales (hcf)	**10,103,537**	**9,093,183**	**8,082,830**	**7,072,476**	**6,062,122**	**5,051,769**	**4,041,415**

Table 5: Elsinore – FY 2024 Projected Revenue and Potential Revenue Loss

Commodity Rates ($/HCF)

Customer Class	FY 2024
Residential	
Tier 1	**$3.00**
Tier 2	**$3.93**
Tier 3	**$7.06**
Tier 4	**$9.20**
Irrigation	
Tier 1	**$3.90**
Tier 2	**$7.49**
Tier 3	**$10.50**
Commercial	**$3.85**
Institutional	**$3.85**
Inter-Agency Wholesale	
Tier 1	**$3.26**
Tier 2	**$5.81**
Construction	**$6.72**

Projected Commodity Revenue		FY 2024					
Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	$12,489,534	$12,489,534	$12,489,534	$12,489,534	$12,489,534	$12,489,534	$12,124,244
Tier 2	$10,809,555	$10,809,555	$8,228,928	$5,615,393	$3,001,859	$388,325	$0
Tier 3	$1,753,400	$57,137	$0	$0	$0	$0	$0
Tier 4	$4,235,487	$0	$0	$0	$0	$0	$0
Irrigation							
Tier 1	$4,863,390	$4,863,390	$3,702,325	$2,526,454	$1,350,584	$174,713	$0
Tier 2	$905,144	$29,495	$0	$0	$0	$0	$0
Tier 3	$1,809,245	$0	$0	$0	$0	$0	$0
Commercial	$2,201,934	$2,201,934	$2,201,934	$2,201,934	$2,201,934	$2,201,934	$0
Institutional	$202,533	$202,533	$202,533	$202,533	$202,533	$202,533	$0
Inter-Agency Wholesale							
Tier 1	$371,422	$371,422	$371,422	$371,422	$371,422	$371,422	$0
Tier 2	$123,073	$4,011	$0	$0	$0	$0	$0
Construction	$1,218,121	$1,218,121	$927,312	$632,795	$338,277	$43,760	$0
Total Projected Commodity Revenue	**$40,982,838**	**$32,247,132**	**$28,123,987**	**$24,040,065**	**$19,956,143**	**$15,872,221**	**$12,124,244**
Projected Revenue Loss *(Difference from Baseline)*		**($8,735,706)**	**($12,858,851)**	**($16,942,773)**	**($21,026,695)**	**($25,110,617)**	**($28,858,594)**
% Revenue Loss		*-21.3%*	*-31.4%*	*-41.3%*	*-51.3%*	*-61.3%*	*-70.4%*

In addition to revenue losses, the District will also reduce certain expenses, generating cost savings. Table 6 calculates the cost savings from reduced water use, and Table 7 reflects the FY 2024 net impact of revenue loss to be recovered from surcharges for each stage.

Table 6: Elsinore – FY 2024 Water Loss Expense – Cost Savings

Variable Purchased Water Expenses	FY 2024
Auld Valley Pipeline WMWD (WREM 17)	$13,447,933
TVP Pipeline WMWD (WR24D)	$9,227,719
Total Variable Purchased Water Expenses	$22,675,652
Variable Purchased Water Unit Cost	
Variable Purchased Water Cost	$22,675,652
÷ Baseline Production (HCF)	10,103,537
Variable Purchased Water Unit Cost ($/hcf)	**$2.24**

Variable Water Cost Savings	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Reduction in Usage (HCF)	*Table 3*	1,010,354	2,020,707	3,031,061	4,041,415	5,051,769	6,062,122
x Variable Water Unit Cost		$2.24	$2.24	$2.24	$2.24	$2.24	$2.24
Variable Water Cost Savings		**$2,263,192**	**$4,526,385**	**$6,789,577**	**$9,052,769**	**$11,315,961**	**$13,579,154**

Table 7: Elsinore – FY 2024 Net Impact from Water Shortage Stages

Net Impact from WSCP Stages	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Lost Revenue	*Table 5*	($8,735,706)	($12,858,851)	($16,942,773)	($21,026,695)	($25,110,617)	($28,858,594)
Water Supply Cost Savings	*Table 6*	$2,263,192	$4,526,385	$6,789,577	$9,052,769	$11,315,961	$13,579,154
Total Revenue Loss		**($6,472,514)**	**($8,332,466)**	**($10,153,196)**	**($11,973,926)**	**($13,794,656)**	**($15,279,440)**
% Revenue Loss		*-16%*	*-20%*	*-25%*	*-29%*	*-34%*	*-37%*

The Elsinore FY 2024 surcharges are calculated by taking the revenue loss as a percentage of the **Projected Commodity Revenue**, as shown in Table 8. This percent increase is then applied to all base variable rates, maintaining the cost-of-service analysis developed for the District. **Error! Reference source not found.** identifies the surcharges for FY 2025 using the same approach shown for FY 2024.

Table 8: Elsinore – FY 2024 Elsinore Water Shortage Surcharges

% Increase	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Net Revenue Loss	*Table 7*	$6,472,514	$8,332,466	$10,153,196	$11,973,926	$13,794,656	$15,279,440
Projected Commodity Revenue	*Table 5*	$32,247,132	$28,123,987	$24,040,065	$19,956,143	$15,872,221	$12,124,244
Net Revenue Loss / Projected Commodity Revenue		**20.07%**	**29.63%**	**42.23%**	**60.00%**	**86.91%**	**126.02%**

WSCP Surcharge		FY 2024					
Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	$3.00	**$0.61**	**$0.89**	**$1.27**	**$1.81**	**$2.61**	**$3.79**
Tier 2	$3.93	**$0.79**	**$1.17**	**$1.66**	**$2.36**	**$3.42**	**$4.96**
Tier 3	$7.06	**$1.42**	**$2.10**	**$2.99**	**$4.24**	**$6.14**	**$8.90**
Tier 4	$9.20	**$1.85**	**$2.73**	**$3.89**	**$5.53**	**$8.00**	**$11.60**
Irrigation							
Tier 1	$3.90	**$0.79**	**$1.16**	**$1.65**	**$2.35**	**$3.39**	**$4.92**
Tier 2	$7.49	**$1.51**	**$2.22**	**$3.17**	**$4.50**	**$6.51**	**$9.44**
Tier 3	$10.50	**$2.11**	**$3.12**	**$4.44**	**$6.31**	**$9.13**	**$13.24**
Commercial	$3.85	**$0.78**	**$1.15**	**$1.63**	**$2.32**	**$3.35**	**$4.86**
Institutional	$3.85	**$0.78**	**$1.15**	**$1.63**	**$2.32**	**$3.35**	**$4.86**
Inter-Agency Wholesale							
Tier 1	$3.26	**$0.66**	**$0.97**	**$1.38**	**$1.96**	**$2.84**	**$4.11**
Tier 2	$5.81	**$1.17**	**$1.73**	**$2.46**	**$3.49**	**$5.05**	**$7.33**
Construction	$6.72	**$1.35**	**$2.00**	**$2.84**	**$4.04**	**$5.85**	**$8.47**

Elsinore Division FY 2025 Surcharges:

The Elsinore FY 2025 water shortage surcharges use the same approach that was used for FY 2024. Table 9 identifies the usage for FY 2025 with the same priority reductions and Table 10 provides the total reduction needed for each shortage stage.

Table 9: Elsinore – FY 2025 Priority of Usage Reductions

Customer Class	Baseline Usage (HCF)	Priority
Residential		
Tier 1	4,194,402	*Final Reduction*
Tier 2	2,771,152	*3rd Reduction*
Tier 3	250,220	*2nd Reduction*
Tier 4	463,832	*1st Reduction*
Irrigation		
Tier 1	1,256,376	*3rd Reduction*
Tier 2	121,753	*2nd Reduction*
Tier 3	173,601	*1st Reduction*
Commercial	576,220	*4th Reduction*
Institutional	53,001	*4th Reduction*
Inter-Agency Wholesale		
Tier 1	113,933	*4th Reduction*
Tier 2	21,183	*2nd Reduction*
Construction	181,268	*3rd Reduction*
Total (HCF)	10,176,941	

Table 10: Elsinore – FY 2025 Total Usage Reductions by Water Shortage Stage

Baseline Usage (HCF)	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
	10.0%	20.0%	30.0%	40.0%	50.0%	60.0%
10,176,941	1,017,694	2,035,388	3,053,082	4,070,776	5,088,471	6,106,165

Table 11 summarizes where the reductions are assumed to occur from customer classes and tiers by applying the priority hierarchy identified in Table 9.

Table 11: Elsinore – FY 2025 Usage Reductions by Customer Class and Tier

% Reduction	FY 2025						
Customer Class	Baseline Usage (HCF)	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	4,194,402	0.0%	0.0%	0.0%	0.0%	0.0%	2.9%
Tier 2	2,771,152	0.0%	23.9%	48.1%	72.2%	96.4%	100.0%
Tier 3	250,220	96.7%	100.0%	100.0%	100.0%	100.0%	100.0%
Tier 4	463,832	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Irrigation							
Tier 1	1,256,376	0.0%	23.9%	48.1%	72.2%	96.4%	100.0%
Tier 2	121,753	96.7%	100.0%	100.0%	100.0%	100.0%	100.0%
Tier 3	173,601	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Commercial	576,220	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Institutional	53,001	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Inter-Agency Wholesale							
Tier 1	113,933	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%
Tier 2	21,183	96.7%	100.0%	100.0%	100.0%	100.0%	100.0%
Construction	181,268	0.0%	23.9%	48.1%	72.2%	96.4%	100.0%
Total (HCF)	**10,176,941**						

Usage Reduction (HCF)

Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	4,194,402	-	-	-	-	-	123,626
Tier 2	2,771,152	-	661,579	1,331,648	2,001,718	2,671,787	2,771,152
Tier 3	250,220	242,013	250,220	250,220	250,220	250,220	250,220
Tier 4	463,832	463,832	463,832	463,832	463,832	463,832	463,832
Irrigation							
Tier 1	1,256,376	-	299,945	603,738	907,532	1,211,326	1,256,376
Tier 2	121,753	117,760	121,753	121,753	121,753	121,753	121,753
Tier 3	173,601	173,601	173,601	173,601	173,601	173,601	173,601
Commercial	576,220	-	-	-	-	-	576,220
Institutional	53,001	-	-	-	-	-	53,001
Inter-Agency Wholesale							
Tier 1	113,933	-	-	-	-	-	113,933
Tier 2	21,183	20,488	21,183	21,183	21,183	21,183	21,183
Construction	181,268	-	43,276	87,106	130,937	174,768	181,268
Projected Usage Reduction	**10,176,941**	**1,017,694**	**2,035,388**	**3,053,082**	**4,070,776**	**5,088,471**	**6,106,165**

With reductions identified in Table 11, the remaining usage is summarized in Table 12. The corresponding reduced revenue for FY 2025 is shown in Table 13 by taking the usage in Table 12 and multiplying it by the proposed FY 2025 variable rates.

Table 12: Elsinore – FY 2025 Remaining Usage by Water Shortage Stage

Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	4,194,402	4,194,402	4,194,402	4,194,402	4,194,402	4,194,402	4,070,776
Tier 2	2,771,152	2,771,152	2,109,573	1,439,504	769,434	99,365	-
Tier 3	250,220	8,207	-	-	-	-	-
Tier 4	463,832	-	-	-	-	-	-
Irrigation							
Tier 1	1,256,376	1,256,376	956,431	652,638	348,844	45,050	-
Tier 2	121,753	3,993	-	-	-	-	-
Tier 3	173,601	-	-	-	-	-	-
Commercial	576,220	576,220	576,220	576,220	576,220	576,220	-
Institutional	53,001	53,001	53,001	53,001	53,001	53,001	-
Inter-Agency Wholesale							
Tier 1	113,933	113,933	113,933	113,933	113,933	113,933	-
Tier 2	21,183	695	-	-	-	-	-
Construction	181,268	181,268	137,992	94,162	50,331	6,500	-
Total Projected Water Sales (hcf)	**10,176,941**	**9,159,247**	**8,141,553**	**7,123,859**	**6,106,165**	**5,088,471**	**4,070,776**

Table 13: Elsinore – FY 2025 Projected Revenue and Potential Revenue Loss

Commodity Rates ($/HCF)	
Customer Class	**FY 2025**
Residential	
Tier 1	**$3.13**
Tier 2	**$4.11**
Tier 3	**$7.39**
Tier 4	**$9.62**
Irrigation	
Tier 1	**$4.08**
Tier 2	**$7.84**
Tier 3	**$10.98**
Commercial	**$4.03**
Institutional	**$4.03**
Inter-Agency Wholesale	
Tier 1	**$3.41**
Tier 2	**$6.07**
Construction	**$7.03**

Projected Commodity Revenue		FY 2025					
Customer Class	**Baseline**	**Stage 1**	**Stage 2**	**Stage 3**	**Stage 4**	**Stage 5**	**Stage 6**
Residential							
Tier 1	$13,128,478	$13,128,478	$13,128,478	$13,128,478	$13,128,478	$13,128,478	$12,741,530
Tier 2	$11,389,435	$11,389,435	$8,670,345	$5,916,360	$3,162,375	$408,390	$0
Tier 3	$1,849,126	$60,648	$0	$0	$0	$0	$0
Tier 4	$4,462,064	$0	$0	$0	$0	$0	$0
Irrigation							
Tier 1	$5,126,014	$5,126,014	$3,902,240	$2,662,761	$1,423,282	$183,803	$0
Tier 2	$954,544	$31,308	$0	$0	$0	$0	$0
Tier 3	$1,906,139	$0	$0	$0	$0	$0	$0
Commercial	$2,322,167	$2,322,167	$2,322,167	$2,322,167	$2,322,167	$2,322,167	$0
Institutional	$213,594	$213,594	$213,594	$213,594	$213,594	$213,594	$0
Inter-Agency Wholesale							
Tier 1	$388,512	$388,512	$388,512	$388,512	$388,512	$388,512	$0
Tier 2	$128,581	$4,217	$0	$0	$0	$0	$0
Construction	$1,274,314	$1,274,314	$970,087	$661,956	$353,824	$45,693	$0
Total Projected Commodity Revenue	**$43,142,966**	**$33,938,686**	**$29,595,422**	**$25,293,827**	**$20,992,232**	**$16,690,637**	**$12,741,530**
Projected Revenue Loss *(Difference from Baseline)*		**($9,204,280)**	**($13,547,544)**	**($17,849,139)**	**($22,150,734)**	**($26,452,330)**	**($30,401,436)**
% Revenue Loss		*-21.3%*	*-31.4%*	*-41.4%*	*-51.3%*	*-61.3%*	*-70.5%*

Table 14 calculates the cost savings from reduced water use, and Table 15 reflects the FY 2025 net impact of revenue loss to be recovered from surcharges for each stage.

Table 14: Elsinore – FY 2025 Water Loss Expense – Cost Savings

Variable Purchased Water Expenses	FY 2025
Auld Valley Pipeline WMWD (WREM 17)	$14,539,164
TVP Pipeline WMWD (WR24D)	$9,170,160
Total Variable Purchased Water Expenses	$23,709,324
Variable Purchased Water Unit Cost	
Variable Purchased Water Cost	$23,709,324
÷ Baseline Production (HCF)	10,176,941
Variable Purchased Water Unit Cost ($/hcf)	**$2.33**

Variable Water Cost Savings	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Reduction in Usage (HCF)	*Table 11*	1,017,694	2,035,388	3,053,082	4,070,776	5,088,471	6,106,165
x Variable Water Unit Cost		$2.33	$2.33	$2.33	$2.33	$2.33	$2.33
Variable Water Cost Savings		**$2,371,227**	**$4,742,455**	**$7,113,682**	**$9,484,909**	**$11,856,136**	**$14,227,364**

Table 15: Elsinore – FY 2025 Net Impact from Water Shortage Stages

Net Impact from WSCP Stages	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Lost Revenue	*Table 13*	($9,204,280)	($13,547,544)	($17,849,139)	($22,150,734)	($26,452,330)	($30,401,436)
Water Supply Cost Savings	*Table 14*	$2,371,227	$4,742,455	$7,113,682	$9,484,909	$11,856,136	$14,227,364
Total Revenue Loss		**($6,833,052)**	**($8,805,089)**	**($10,735,457)**	**($12,665,825)**	**($14,596,193)**	**($16,174,073)**
% Revenue Loss		*-16%*	*-20%*	*-25%*	*-29%*	*-34%*	*-37%*

The Elsinore FY 2025 surcharges are calculated by taking the revenue loss as a percentage of the **Projected Commodity Revenue**, as shown in Table 16. This percent increase is then applied to all base variable rates, maintaining the cost-of-service analysis developed for the District.

Table 16: Elsinore – FY 2025 Elsinore Water Shortage Surcharges

% Increase	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Net Revenue Loss	*Table 15*	$6,833,052	$8,805,089	$10,735,457	$12,665,825	$14,596,193	$16,174,073
Projected Commodity Revenue	*Table 13*	$33,938,686	$29,595,422	$25,293,827	$20,992,232	$16,690,637	$12,741,530
Net Revenue Loss / Projected Commodity Revenue		**20.13%**	**29.75%**	**42.44%**	**60.34%**	**87.45%**	**126.94%**

WSCP Surcharge		FY 2025					
Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	$3.13	**$0.64**	**$0.94**	**$1.33**	**$1.89**	**$2.74**	**$3.98**
Tier 2	$4.11	**$0.83**	**$1.23**	**$1.75**	**$2.48**	**$3.60**	**$5.22**
Tier 3	$7.39	**$1.49**	**$2.20**	**$3.14**	**$4.46**	**$6.47**	**$9.39**
Tier 4	$9.62	**$1.94**	**$2.87**	**$4.09**	**$5.81**	**$8.42**	**$12.22**
Irrigation							
Tier 1	$4.08	**$0.83**	**$1.22**	**$1.74**	**$2.47**	**$3.57**	**$5.18**
Tier 2	$7.84	**$1.58**	**$2.34**	**$3.33**	**$4.74**	**$6.86**	**$9.96**
Tier 3	$10.98	**$2.22**	**$3.27**	**$4.67**	**$6.63**	**$9.61**	**$13.94**
Commercial	$4.03	**$0.82**	**$1.20**	**$1.72**	**$2.44**	**$3.53**	**$5.12**
Institutional	$4.03	**$0.82**	**$1.20**	**$1.72**	**$2.44**	**$3.53**	**$5.12**
Inter-Agency Wholesale							
Tier 1	$3.41	**$0.69**	**$1.02**	**$1.45**	**$2.06**	**$2.99**	**$4.33**
Tier 2	$6.07	**$1.23**	**$1.81**	**$2.58**	**$3.67**	**$5.31**	**$7.71**
Construction	$7.03	**$1.42**	**$2.10**	**$2.99**	**$4.25**	**$6.15**	**$8.93**

Temescal Division FY 2024 Surcharges:

The proposed surcharges were developed for the Temescal Division by stage for FY 2024 and FY 2025. Water use reductions for each stage were first applied pro-rata to the highest tiers of Residential (Tier 4) and Irrigation (Tier 3) usage. The usage within these two tiers has the highest potential for cuts and the most significant revenue loss to recover for developing surcharges. As more usage reductions are required to meet the water shortage stage, usage is reduced to each customer class and tier based on the priority shown in Table 17.

Table 17: Temescal – FY 2024 Priority of Usage Reductions

Customer Class	Baseline	Priority
Residential		
Tier 1	64,852	*Final Reduction*
Tier 2	50,696	*3rd Reduction*
Tier 3	3,846	*2nd Reduction*
Tier 4	6,714	*1st Reduction*
Irrigation		
Tier 1	14,048	*3rd Reduction*
Tier 2	1,922	*2nd Reduction*
Tier 3	3,248	*1st Reduction*
Commercial	25,424	*4th Reduction*
Total (HCF)	170,750	

Table 18 identifies the total reduction in HCF needed to achieve each water shortage stage, and Table 19 summarizes where the reductions are assumed to occur from customer classes and tiers.

Table 18: Temescal – FY 2024 Total Usage Reductions by Water Shortage Stage

Baseline Usage (HCF)	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
	10.0%	20.0%	30.0%	40.0%	50.0%	60.0%
170,750	17,075	34,150	51,225	68,300	85,375	102,450

Table 19: Temescal – FY 2024 Usage Reductions by Customer Class and Tier

% Reduction	FY 2024						
Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	64,852	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tier 2	50,696	2.1%	28.5%	54.8%	81.2%	100.0%	100.0%
Tier 3	3,846	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Tier 4	6,714	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Irrigation							
Tier 1	14,048	2.1%	28.5%	54.8%	81.2%	100.0%	100.0%
Tier 2	1,922	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Tier 3	3,248	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Commercial	25,424	0.0%	0.0%	0.0%	0.0%	19.3%	86.4%
Total (HCF)	**170,750**						

Usage Reduction (HCF)

Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	64,852	-	-	-	-	-	-
Tier 2	50,696	1,053	14,423	27,793	41,163	50,696	50,696
Tier 3	3,846	3,846	3,846	3,846	3,846	3,846	3,846
Tier 4	6,714	6,714	6,714	6,714	6,714	6,714	6,714
Irrigation							
Tier 1	14,048	292	3,997	7,702	11,407	14,048	14,048
Tier 2	1,922	1,922	1,922	1,922	1,922	1,922	1,922
Tier 3	3,248	3,248	3,248	3,248	3,248	3,248	3,248
Commercial	25,424	-	-	-	-	4,901	21,976
Projected Usage Reduction	**170,750**	**17,075**	**34,150**	**51,225**	**68,300**	**85,375**	**102,450**

With reductions identified in Table 19, the remaining usage is summarized in Table 20. The corresponding reduced revenue for FY 2024 is shown in Table 21 by taking the usage in Table 20 and multiplying it by the proposed FY 2024 variable rates.

Table 20: Temescal – FY 2024 Remaining Usage by Water Shortage Stage

Customer Class	Baseline Usage (HCF)	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	64,852	64,852	64,852	64,852	64,852	64,852	64,852
Tier 2	50,696	49,643	36,273	22,903	9,533	-	-
Tier 3	3,846	-	-	-	-	-	-
Tier 4	6,714	-	-	-	-	-	-
Irrigation							
Tier 1	14,048	13,756	10,051	6,346	2,641	-	-
Tier 2	1,922	-	-	-	-	-	-
Tier 3	3,248	-	-	-	-	-	-
Commercial	25,424	25,424	25,424	25,424	25,424	20,523	3,448
Total Projected Water Sales (HCF)	**170,750**	**153,675**	**136,600**	**119,525**	**102,450**	**85,375**	**68,300**

Table 21: Temescal – FY 2024 Projected Revenue and Potential Revenue Loss

Customer Class	FY 2024
Residential	
Tier 1	**$1.86**
Tier 2	**$3.68**
Tier 3	**$5.37**
Tier 4	**$13.99**
Irrigation	
Tier 1	**$3.22**
Tier 2	**$5.99**
Tier 3	**$15.38**
Commercial	**$3.12**

Projected Commodity Revenue		FY 2024					
Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	$120,625	$120,625	$120,625	$120,625	$120,625	$120,625	$120,625
Tier 2	$186,561	$182,686	$133,484	$84,282	$35,080	$0	$0
Tier 3	$20,653	$0	$0	$0	$0	$0	$0
Tier 4	$93,929	$0	$0	$0	$0	$0	$0
Irrigation							
Tier 1	$45,235	$44,295	$32,365	$20,435	$8,506	$0	$0
Tier 2	$11,513	$0	$0	$0	$0	$0	$0
Tier 3	$49,954	$0	$0	$0	$0	$0	$0
Commercial	$79,323	$79,323	$79,323	$79,323	$79,323	$64,032	$10,758
Total Projected Commodity Revenue	**$607,792**	**$426,928**	**$365,796**	**$304,665**	**$243,533**	**$184,656**	**$131,382**
Projected Revenue Loss *(Difference from Baseline)*		**($180,864)**	**($241,996)**	**($303,128)**	**($364,260)**	**($423,136)**	**($476,410)**
% Revenue Loss		*-29.8%*	*-39.8%*	*-49.9%*	*-59.9%*	*-69.6%*	*-78.4%*

In addition to revenue losses, the District will also reduce certain expenses, generating cost savings. Table 22 calculates the cost savings from reduced water use, and Table 23 reflects the FY 2024 net impact of revenue loss to be recovered from surcharges for each stage.

Table 22: Temescal – FY 2024 Water Loss Expense – Cost Savings

Variable Water Production Expenses	FY 2024
Wells - Electricity	$163,727
Wells - Chemical & Other Treatment	$61,000
Total Variable Water Production Expenses	$224,727
Variable Water Production Unit Costs	
Variable Production Costs	$224,727
÷ Baseline Production (HCF)	$397,267
Variable Production Costs ($/HCF)	**$0.57**

Variable Water Cost Savings	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Reduction in Usage (HCF)	*Table 19*	17,075	34,150	51,225	68,300	85,375	102,450
x Variable Water Unit Cost		$0.57	$0.57	$0.57	$0.57	$0.57	$0.57
Variable Water Cost Savings		**$9,733**	**$19,466**	**$29,198**	**$38,931**	**$48,664**	**$58,397**

Table 23: Temescal – FY 2024 Net Impact from Water Shortage Stages

Net Impact from WSCP Stages	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Lost Revenue	*Table 21*	($180,864)	($241,996)	($303,128)	($364,260)	($423,136)	($476,410)
Water Supply Cost Savings	*Table 22*	$9,733	$19,466	$29,198	$38,931	$48,664	$58,397
Total Revenue Loss		**($171,132)**	**($222,531)**	**($273,930)**	**($325,329)**	**($374,472)**	**($418,013)**
% Revenue Loss		*-28%*	*-37%*	*-45%*	*-54%*	*-62%*	*-69%*

The Temescal FY 2024 surcharges are calculated by taking the revenue loss as a percentage of the **Projected Commodity Revenue**, as shown in Table 24. This percent increase is then applied to all base variable rates, maintaining the cost-of-service analysis developed for the District.

Table 24: Temescal – FY 2024 Temescal Water Shortage Surcharges

% Increase	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Net Revenue Loss	*Table 23*	$171,132	$222,531	$273,930	$325,329	$374,472	$418,013
Projected Commodity Revenue	*Table 21*	$426,928	$365,796	$304,665	$243,533	$184,656	$131,382
Net Revenue Loss / Projected Commodity Revenue		**40.08%**	**60.83%**	**89.91%**	**133.59%**	**202.79%**	**318.17%**

WSCP Surcharges		FY 2024					
Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	$1.86	**$0.75**	**$1.14**	**$1.68**	**$2.49**	**$3.78**	**$5.92**
Tier 2	$3.68	**$1.48**	**$2.24**	**$3.31**	**$4.92**	**$7.47**	**$11.71**
Tier 3	$5.37	**$2.16**	**$3.27**	**$4.83**	**$7.18**	**$10.90**	**$17.09**
Tier 4	$13.99	**$5.61**	**$8.52**	**$12.58**	**$18.69**	**$28.38**	**$44.52**
Irrigation							
Tier 1	$3.22	**$1.30**	**$1.96**	**$2.90**	**$4.31**	**$6.53**	**$10.25**
Tier 2	$5.99	**$2.41**	**$3.65**	**$5.39**	**$8.01**	**$12.15**	**$19.06**
Tier 3	$15.38	**$6.17**	**$9.36**	**$13.83**	**$20.55**	**$31.19**	**$48.94**
Commercial	$3.12	**$1.26**	**$1.90**	**$2.81**	**$4.17**	**$6.33**	**$9.93**

Temescal Division FY 2025 Surcharges:

The Temescal FY 2025 water shortage surcharges use the same approach that was used for FY 2024. Table 25 identifies the usage for FY 2025 with the same priority reductions and Table 26 provides the total reduction needed for each shortage stage.

Table 25: Temescal – FY 2025 Priority of Usage Reductions

Customer Class	Baseline	Priority
Residential		
Tier 1	64,852	*Final Reduction*
Tier 2	50,696	*3rd Reduction*
Tier 3	3,846	*2nd Reduction*
Tier 4	6,714	*1st Reduction*
Irrigation		
Tier 1	14,048	*3rd Reduction*
Tier 2	1,922	*2nd Reduction*
Tier 3	3,248	*1st Reduction*
Commercial	25,424	*4th Reduction*
Total (HCF)	170,750	

Table 26: Temescal – FY 2025 Total Usage Reductions by Water Shortage Stage

Baseline Usage (HCF)	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
	10.0%	20.0%	30.0%	40.0%	50.0%	60.0%
170,750	17,075	34,150	51,225	68,300	85,375	102,450

Table 27 summarizes where the reductions are assumed to occur from customer classes and tiers by applying the priority hierarchy identified in Table 25.

Table 27: Temescal – FY 2025 Usage Reductions by Customer Class and Tier

% Reduction	FY 2025						
Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	64,852	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Tier 2	50,696	2.1%	28.5%	54.8%	81.2%	100.0%	100.0%
Tier 3	3,846	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Tier 4	6,714	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Irrigation							
Tier 1	14,048	2.1%	28.5%	54.8%	81.2%	100.0%	100.0%
Tier 2	1,922	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Tier 3	3,248	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Commercial	25,424	0.0%	0.0%	0.0%	0.0%	19.3%	86.4%
Total (HCF)	**170,750**						

Usage Reduction (HCF)

Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	64,852	-	-	-	-	-	-
Tier 2	50,696	1,053	14,423	27,793	41,163	50,696	50,696
Tier 3	3,846	3,846	3,846	3,846	3,846	3,846	3,846
Tier 4	6,714	6,714	6,714	6,714	6,714	6,714	6,714
Irrigation							
Tier 1	14,048	292	3,997	7,702	11,407	14,048	14,048
Tier 2	1,922	1,922	1,922	1,922	1,922	1,922	1,922
Tier 3	3,248	3,248	3,248	3,248	3,248	3,248	3,248
Commercial	25,424	-	-	-	-	4,901	21,976
Projected Usage Reduction	**170,750**	**17,075**	**34,150**	**51,225**	**68,300**	**85,375**	**102,450**

With reductions identified in Table 27, the remaining usage is summarized in Table 28. The corresponding reduced revenue for FY 2025 is shown in Table 29 by taking the usage in Table 28 and multiplying it by the proposed FY 2025 variable rates.

Table 28: Temescal – FY 2025 Remaining Usage by Water Shortage Stage

Customer Class	Baseline Usage (HCF)	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	64,852	64,852	64,852	64,852	64,852	64,852	64,852
Tier 2	50,696	49,643	36,273	22,903	9,533	-	-
Tier 3	3,846	-	-	-	-	-	-
Tier 4	6,714	-	-	-	-	-	-
Irrigation							
Tier 1	14,048	13,756	10,051	6,346	2,641	-	-
Tier 2	1,922	-	-	-	-	-	-
Tier 3	3,248	-	-	-	-	-	-
Commercial	25,424	25,424	25,424	25,424	25,424	20,523	3,448
Total Projected Water Sales (HCF)	**170,750**	**153,675**	**136,600**	**119,525**	**102,450**	**85,375**	**68,300**

Table 29: Temescal – FY 2025 Projected Revenue and Potential Revenue Loss

Commodity Rate ($/HCF)	
Customer Class	FY 2025
Residential	
Tier 1	$2.15
Tier 2	$4.25
Tier 3	$6.19
Tier 4	$16.12
Irrigation	
Tier 1	$3.72
Tier 2	$6.91
Tier 3	$17.73
Commercial	$3.60

Projected Commodity Revenue		FY 2025					
Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	$139,432	$139,432	$139,432	$139,432	$139,432	$139,432	$139,432
Tier 2	$215,458	$210,982	$154,159	$97,336	$40,513	$0	$0
Tier 3	$23,807	$0	$0	$0	$0	$0	$0
Tier 4	$108,230	$0	$0	$0	$0	$0	$0
Irrigation							
Tier 1	$52,259	$51,173	$37,391	$23,609	$9,826	$0	$0
Tier 2	$13,281	$0	$0	$0	$0	$0	$0
Tier 3	$57,587	$0	$0	$0	$0	$0	$0
Commercial	$91,526	$91,526	$91,526	$91,526	$91,526	$73,883	$12,413
Total Projected Commodity Revenue	**$701,579**	**$493,113**	**$422,508**	**$351,903**	**$281,298**	**$213,315**	**$151,845**
Projected Revenue Loss *(Difference from Baseline)*		**($208,466)**	**($279,071)**	**($349,676)**	**($420,282)**	**($488,265)**	**($549,735)**
% Revenue Loss		*-29.7%*	*-39.8%*	*-49.8%*	*-59.9%*	*-69.6%*	*-78.4%*

Table 30 calculates the cost savings from reduced water use, and Table 31 reflects the FY 2025 net impact of revenue loss to be recovered from surcharges for each stage.

Table 30: Temescal – FY 2025 Water Loss Expense – Cost Savings

Variable Water Production Expenses	FY 2025
Wells - Electricity	$171,910
Wells - Chemical & Other Treatment	$64,050
Total Variable Water Production Expenses	$235,960
Variable Water Production Unit Costs	
Variable Production Costs	$235,960
÷ Baseline Production (HCF)	$397,267
Variable Production Costs ($/HCF)	**$0.59**

Variable Water Cost Savings	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Reduction in Usage (HCF)	*Table 27*	17,075	34,150	51,225	68,300	85,375	102,450
x Variable Water Unit Cost		$0.59	$0.59	$0.59	$0.59	$0.59	$0.59
Variable Water Cost Savings		**$10,074**	**$20,149**	**$30,223**	**$40,297**	**$50,371**	**$60,446**

Table 31: Temescal – FY 2025 Net Impact from Water Shortage Stages

Net Impact from WSCP Stages	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Lost Revenue	*Table 29*	($208,466)	($279,071)	($349,676)	($420,282)	($488,265)	($549,735)
Water Supply Cost Savings	*Table 30*	$10,074	$20,149	$30,223	$40,297	$50,371	$60,446
Total Revenue Loss		**($198,392)**	**($258,923)**	**($319,454)**	**($379,985)**	**($437,893)**	**($489,289)**

The Temescal FY 2025 surcharges are calculated by taking the revenue loss as a percentage of the **Projected Commodity Revenue**, as shown in Table 32. This percent increase is then applied to all base variable rates, maintaining the cost-of-service analysis developed for the District.

Table 32: Temescal – FY 2025 Elsinore Water Shortage Surcharges

% Increase	*Source*	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Net Revenue Loss	*Table 31*	$198,392	$258,923	$319,454	$379,985	$437,893	$489,289
Projected Commodity Revenue	*Table 29*	$493,113	$422,508	$351,903	$281,298	$213,315	$151,845
Net Revenue Loss / Projected Commodity Revenue		**40.23%**	**61.28%**	**90.78%**	**135.08%**	**205.28%**	**322.23%**

WSCP Surcharges		FY 2025					
Customer Class	Baseline	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5	Stage 6
Residential							
Tier 1	$2.15	**$0.87**	**$1.32**	**$1.96**	**$2.91**	**$4.42**	**$6.93**
Tier 2	$4.25	**$1.71**	**$2.61**	**$3.86**	**$5.75**	**$8.73**	**$13.70**
Tier 3	$6.19	**$2.50**	**$3.80**	**$5.62**	**$8.37**	**$12.71**	**$19.95**
Tier 4	$16.12	**$6.49**	**$9.88**	**$14.64**	**$21.78**	**$33.10**	**$51.95**
Irrigation							
Tier 1	$3.72	**$1.50**	**$2.28**	**$3.38**	**$5.03**	**$7.64**	**$11.99**
Tier 2	$6.91	**$2.79**	**$4.24**	**$6.28**	**$9.34**	**$14.19**	**$22.27**
Tier 3	$17.73	**$7.14**	**$10.87**	**$16.10**	**$23.96**	**$36.40**	**$57.14**
Commercial	$3.60	**$1.45**	**$2.21**	**$3.27**	**$4.87**	**$7.40**	**$11.61**

Attachment 3: Urban Drought and Conservation Report Example

California State Water Resources Control Board

DROUGHT REPORT

Report Type: Aggregated Urban Drought & Conservation Reporting

ORG ID: 842

Urban Water Supplier: Elsinore Valley Municipal Water District

Reporting Period: 09/01/2023 - 09/30/2023

Reporting Due Date: 10/31/2023

Report Created Date: 10/26/2023

WATER SHORTAGE

PWSID	System Name	Experiencing or Anticipating a Severe Water Shortage?	Start Date	Comments
CA3310012	ELSINORE VALLEY MWD	Not Expected		
CA3310046	FARM MUTUAL W.C. (THE)	Not Expected		

Do you have a Water Shortage Contingency Plan?: Yes

Website link to Water Shortage Contingency Plan: https://www.evmwd.com/home/showpublisheddocument/2365/637605786859570000

Upload Water Shortage Contingency Plan: EVMWD Appendix A_WSCP_Fina.pdf

Adoption date of Plan: 06/15/2021

What equivalent level percent source reduction of your Water Shortage Contingency Plan have you invoked?: <10% Reduction (Shortage Level 1)

SOURCE REPORTING

CA3310012: CEREAL STREET WELL 01

Source Information:

- **Facility ID**: 004
- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 07/16/1986

- **Well Depth (feet below ground surface)**: 1,430
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: N/A
- **Well Completion Report Number**: 151477
- **Well Completion Report**: Drillers report Cereal Well 1.pdf
- **Department of Water Resources Site Code Identification Number**: 336314N1172953W001

Did you utilize this source during the reporting period?: No

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface):

Pumping Water Level (feet below ground surface) Date Measured: 09/30/2023

Pump Depth (feet below ground surface): Not Available

Pump Depth (feet below ground surface) Date Measured: Not Available

Amount Produced During Reporting Period: 0.00

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Gallons (G)

Total Pump Hours During Reporting Period: 0.00

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: Not Available

Instant Flow Rate Date Measured: Not Available

Instant Flow Rate Unit of Measure: Not Available

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: CEREAL STREET WELL 03

Source Information:

- **Facility ID**: 021
- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active

- **Well Construction Date**: 11/21/1991
- **Well Depth (feet below ground surface)**: 1,950
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: NA
- **Well Completion Report Number**: 485485
- **Well Completion Report**: Well completion report Cereal Well 3.pdf
- **Department of Water Resources Site Code Identification Number**: 336407N1173117W001

Did you utilize this source during the reporting period?: Yes

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface): 484

Pumping Water Level (feet below ground surface) Date Measured: 09/29/2023

Pump Depth (feet below ground surface): 560

Pump Depth (feet below ground surface) Date Measured: 09/30/2023

Amount Produced During Reporting Period: 46.27

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Acre Feet (AF)

Total Pump Hours During Reporting Period: Not Available

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: Not Available

Instant Flow Rate Date Measured: Not Available

Instant Flow Rate Unit of Measure: Not Available

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: CEREAL STREET WELL 04

Source Information:

- **Facility ID**: 022
- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent

- **Activity Status**: Active
- **Well Construction Date**: 09/19/1991
- **Well Depth (feet below ground surface)**: 1,720
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: N/A
- **Well Completion Report Number**: 485482
- **Well Completion Report**: Cereal 4 Well Completion Report.pdf
- **Department of Water Resources Site Code Identification Number**: 336456N1173188W001

Did you utilize this source during the reporting period?: No

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface):

Pumping Water Level (feet below ground surface) Date Measured: 09/30/2023

Pump Depth (feet below ground surface): Not Available

Pump Depth (feet below ground surface) Date Measured: Not Available

Amount Produced During Reporting Period: 0.00

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Gallons (G)

Total Pump Hours During Reporting Period: 0.00

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: Not Available

Instant Flow Rate Date Measured: Not Available

Instant Flow Rate Unit of Measure: Not Available

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: CORYDON WELL

Source Information:

- **Facility ID**: 007
- **Facility Type**: Well
- **Water Type**: Groundwater

- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 04/27/1983
- **Well Depth (feet below ground surface)**: 1,280
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: N/A
- **Well Completion Report Number**: 074373
- **Well Completion Report**: Corydon Well Completion Report.pdf
- **Department of Water Resources Site Code Identification Number**: 336314N1172919W001

Did you utilize this source during the reporting period?: No

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface):

Pumping Water Level (feet below ground surface) Date Measured: 09/30/2023

Pump Depth (feet below ground surface): Not Available

Pump Depth (feet below ground surface) Date Measured: Not Available

Amount Produced During Reporting Period: 0.00

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Gallons (G)

Total Pump Hours During Reporting Period: 0.00

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: Not Available

Instant Flow Rate Date Measured: Not Available

Instant Flow Rate Unit of Measure: Not Available

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: DIAMOND WELL

Source Information:

- **Facility ID**: 037
- **Facility Type**: Well

- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 08/16/2007
- **Well Depth (feet below ground surface)**: 960
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: N/A
- **Well Completion Report Number**: Not Available
- **Well Completion Report**: Well completion report Diamond Well.pdf
- **Department of Water Resources Site Code Identification Number**: 336397N1173016W001

Did you utilize this source during the reporting period?: No

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface):

Pumping Water Level (feet below ground surface) Date Measured: 09/30/2023

Pump Depth (feet below ground surface): Not Available

Pump Depth (feet below ground surface) Date Measured: Not Available

Amount Produced During Reporting Period: 0.00

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Gallons (G)

Total Pump Hours During Reporting Period: 0.00

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: Not Available

Instant Flow Rate Date Measured: Not Available

Instant Flow Rate Unit of Measure: Not Available

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: FLAGLER WELL 2A

Source Information:

- **Facility ID**: 049

- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 03/30/2005
- **Well Depth (feet below ground surface)**: 105
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: N/A
- **Well Completion Report Number**: 0906213
- **Well Completion Report**: Flagler 2A Well Completion Report.pdf
- **Department of Water Resources Site Code Identification Number**: Missing Information

Did you utilize this source during the reporting period?: No

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface):

Pumping Water Level (feet below ground surface) Date Measured: 09/30/2023

Pump Depth (feet below ground surface): Not Available

Pump Depth (feet below ground surface) Date Measured: Not Available

Amount Produced During Reporting Period: 0.00

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Gallons (G)

Total Pump Hours During Reporting Period: 0.00

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: Not Available

Instant Flow Rate Date Measured: Not Available

Instant Flow Rate Unit of Measure: Not Available

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: FLAGLER WELL 3A

Source Information:

- **Facility ID**: 050

- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 03/18/2005
- **Well Depth (feet below ground surface)**: 100
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: N/A
- **Well Completion Report Number**: 0906214
- **Well Completion Report**: Flagler 3A Well Completion Report.pdf
- **Department of Water Resources Site Code Identification Number**: Missing Information

Did you utilize this source during the reporting period?: No

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface):

Pumping Water Level (feet below ground surface) Date Measured: 09/30/2023

Pump Depth (feet below ground surface): Not Available

Pump Depth (feet below ground surface) Date Measured: Not Available

Amount Produced During Reporting Period: 0.00

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Gallons (G)

Total Pump Hours During Reporting Period: 0.00

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: Not Available

Instant Flow Rate Date Measured: Not Available

Instant Flow Rate Unit of Measure: Not Available

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: JOY STREET WELL

Source Information:

- **Facility ID**: 031

- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 03/27/2001
- **Well Depth (feet below ground surface)**: 1,680
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: N/A
- **Well Completion Report Number**: 747041
- **Well Completion Report**: Well completion report Joy St Well.pdf
- **Department of Water Resources Site Code Identification Number**: 336780N1173680W001

Did you utilize this source during the reporting period?: No

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface):

Pumping Water Level (feet below ground surface) Date Measured: 09/30/2023

Pump Depth (feet below ground surface): Not Available

Pump Depth (feet below ground surface) Date Measured: Not Available

Amount Produced During Reporting Period: 0.00

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Gallons (G)

Total Pump Hours During Reporting Period: 0.00

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: Not Available

Instant Flow Rate Date Measured: Not Available

Instant Flow Rate Unit of Measure: Not Available

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: MACHADO WELL

Source Information:

- **Facility ID**: 012
- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 11/23/1999
- **Well Depth (feet below ground surface)**: 980
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: N/A
- **Well Completion Report Number**: 715370
- **Well Completion Report**: Well completion report Machado Well.pdf
- **Department of Water Resources Site Code Identification Number**: 336782N1173836W001

Did you utilize this source during the reporting period?: Yes

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface): 290

Pumping Water Level (feet below ground surface) Date Measured: 09/28/2023

Pump Depth (feet below ground surface): 400

Pump Depth (feet below ground surface) Date Measured: 09/30/2023

Amount Produced During Reporting Period: 0.03

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Acre Feet (AF)

Total Pump Hours During Reporting Period: Not Available

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: 0.20

Instant Flow Rate Date Measured: 09/20/2023

Instant Flow Rate Unit of Measure: Gallons per Minute (GPM)

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: MAYHEW 02

Source Information:

- **Facility ID**: 053
- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 10/27/1989
- **Well Depth (feet below ground surface)**: 740
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: A003626
- **Well Completion Report Number**: 294166
- **Well Completion Report**: Mayhew Log.pdf
- **Department of Water Resources Site Code Identification Number**: Missing Information

Did you utilize this source during the reporting period?: Yes

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface): 345

Pumping Water Level (feet below ground surface) Date Measured: 09/13/2023

Pump Depth (feet below ground surface): 507

Pump Depth (feet below ground surface) Date Measured: 09/30/2023

Amount Produced During Reporting Period: 52.26

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Acre Feet (AF)

Total Pump Hours During Reporting Period: Not Available

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: 459.60

Instant Flow Rate Date Measured: 09/08/2023

Instant Flow Rate Unit of Measure: Gallons per Minute (GPM)

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: STATION 71 WELL

Source Information:

- **Facility ID**: 052
- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 07/22/1971
- **Well Depth (feet below ground surface)**: 600
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: A003626
- **Well Completion Report Number**: 50847
- **Well Completion Report**: Sta. 71.pdf
- **Department of Water Resources Site Code Identification Number**: Missing Information

Did you utilize this source during the reporting period?: No

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface):

Pumping Water Level (feet below ground surface) Date Measured: 09/30/2023

Pump Depth (feet below ground surface): Not Available

Pump Depth (feet below ground surface) Date Measured: Not Available

Amount Produced During Reporting Period: 0.00

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Gallons (G)

Total Pump Hours During Reporting Period: 0.00

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: Not Available

Instant Flow Rate Date Measured: Not Available

Instant Flow Rate Unit of Measure: Not Available

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: SUMMERLY WELL

Source Information:

- **Facility ID**: 038
- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 08/29/2007
- **Well Depth (feet below ground surface)**: 980
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: N/A
- **Well Completion Report Number**: Not Available
- **Well Completion Report**: Well completion report Summerly Well.pdf
- **Department of Water Resources Site Code Identification Number**: 336461N1173021W001

Did you utilize this source during the reporting period?: No

Static Water Level (feet below ground surface): Not Available

Static Water Level (feet below ground surface) Date Measured: Not Available

Pumping Water Level (feet below ground surface):

Pumping Water Level (feet below ground surface) Date Measured: 09/30/2023

Pump Depth (feet below ground surface): Not Available

Pump Depth (feet below ground surface) Date Measured: Not Available

Amount Produced During Reporting Period: 0.00

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Gallons (G)

Total Pump Hours During Reporting Period: 0.00

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: Not Available

Instant Flow Rate Date Measured: Not Available

Instant Flow Rate Unit of Measure: Not Available

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: TERRA COTTA WELL

Source Information:

- **Facility ID**: 048
- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 06/24/2008
- **Well Depth (feet below ground surface)**: 1,000
- **Fractured Hard Rock Well**: No
- **Water Rights ID**: N/A
- **Well Completion Report Number**: e076971
- **Well Completion Report**: Terra Cotta Well Completion Report.pdf
- **Department of Water Resources Site Code Identification Number**: 336823N1173852W001

Did you utilize this source during the reporting period?: Yes

Static Water Level (feet below ground surface): 263

Static Water Level (feet below ground surface) Date Measured: 09/05/2023

Pumping Water Level (feet below ground surface): 351

Pumping Water Level (feet below ground surface) Date Measured: 09/13/2023

Pump Depth (feet below ground surface): 420

Pump Depth (feet below ground surface) Date Measured: 09/30/2023

Amount Produced During Reporting Period: 91.96

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Acre Feet (AF)

Total Pump Hours During Reporting Period: Not Available

Average Production Rate During Reporting Period (GPM): 0.00

Instant Flow Rate: 800.40

Instant Flow Rate Date Measured: 09/28/2023

Instant Flow Rate Unit of Measure: Gallons per Minute (GPM)

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: CANYON LAKE - RAW

Source Information:

- **Facility ID**: 003
- **Facility Type**: Intake
- **Water Type**: Surface Water
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Intake Pump NPSHR (feet)**: 80
- **Water Source Type**: Lake
- **Ability to lower or extend your intake**: Yes
- **Water Rights ID**: A010309,A001752

Did you utilize this source during the reporting period?: No

Water Level (feet from surface water bottom): 68

Date Measured: 09/30/2023

Intake Level (feet from surface water bottom): Not Available

Intake Level (feet from surface water bottom) Date Measured: Not Available

Amount Produced During Reporting Period: 0.00000000

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Gallons (G)

Total Pump Hours During Reporting Period: 0.00000000

Instant Flow Rate: Not Available

Instant Flow Rate Date Measured: Not Available

Instant Flow Rate Unit of Measure: Not Available

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310012: AULD VALLEY PIPELINE (EM-17)

Source Information:

- **Facility ID**: 043
- **Facility Type**: Consecutive Connection
- **Water Type**: Surface Water
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Maximum Capacity**: 24.20000000

- **Maximum Capacity Unit of Measure**: Million Gallons per Day (MGD)
- **Maximum Contractual Daily Rate**: 24.20000000
- **Maximum Contractual Daily Rate Unit of Measure**: Million Gallons per Day (MGD)
- **Maximum Contractual Monthly Volume**: 1,753.00000000
- **Maximum Contractual Monthly Volume Unit of Measure**: Acre Feet (AF)
- **Maximum Contractual Annual Volume**: 21,037.00000000
- **Maximum Contractual Annual Volume Unit of Measure**: Acre Feet (AF)
- **Ability to utilize the intertie**: Available As Needed
- **Seller Treatment**: Treated by seller including surface water treatment filtration
- **Seasonal Availability Start Date**: Missing Information
- **Seasonal Availability End Date**: Missing Information

Did you utilize this source during the reporting period?: Yes

Amount Received During Reporting Period: 1,158.35000000

Amount Received During Reporting Period Date Measured: 09/30/2023

Amount Received During Reporting Period Unit of Measure: Acre Feet (AF)

Comments:

CA3310012: TEMESCAL VALLEY PIPELINE, MWD SUPPLY

Source Information:

- **Facility ID**: 033
- **Facility Type**: Consecutive Connection
- **Water Type**: Surface Water
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Maximum Capacity**: 13.60000000
- **Maximum Capacity Unit of Measure**: Million Gallons per Day (MGD)
- **Maximum Contractual Daily Rate**: 13.60000000
- **Maximum Contractual Daily Rate Unit of Measure**: Million Gallons per Day (MGD)
- **Maximum Contractual Monthly Volume**: 1,270.00000000
- **Maximum Contractual Monthly Volume Unit of Measure**: Acre Feet (AF)
- **Maximum Contractual Annual Volume**: 15,220.00000000
- **Maximum Contractual Annual Volume Unit of Measure**: Acre Feet (AF)

- **Ability to utilize the intertie**: Available As Needed
- **Seller Treatment**: Treated by seller including surface water treatment filtration
- **Seasonal Availability Start Date**: Missing Information
- **Seasonal Availability End Date**: Missing Information

Did you utilize this source during the reporting period?: Yes

Amount Received During Reporting Period: 683.60000000

Amount Received During Reporting Period Date Measured: 09/30/2023

Amount Received During Reporting Period Unit of Measure: Acre Feet (AF)

Comments:

CA3310012: TEMESCAL VALLEY WD INTERTIE #1

Source Information:

- **Facility ID**: 056
- **Facility Type**: Consecutive Connection
- **Water Type**: Surface Water
- **Facility Availability**: Emergency
- **Activity Status**: Active
- **Maximum Capacity**: 0.00000000
- **Maximum Capacity Unit of Measure**: Gallons per Minute (GPM)
- **Maximum Contractual Daily Rate**: 0.00000000
- **Maximum Contractual Daily Rate Unit of Measure**: Gallons per Day (GPD)
- **Maximum Contractual Monthly Volume**: 0.00000000
- **Maximum Contractual Monthly Volume Unit of Measure**: Gallons (G)
- **Maximum Contractual Annual Volume**: 0.00000000
- **Maximum Contractual Annual Volume Unit of Measure**: Gallons (G)
- **Ability to utilize the intertie**: Currently Unavailable
- **Seller Treatment**: Treated by seller including surface water treatment filtration
- **Seasonal Availability Start Date**: Missing Information
- **Seasonal Availability End Date**: Missing Information

Did you utilize this source during the reporting period?: No

Amount Received During Reporting Period: 0.00000000

Amount Received During Reporting Period Date Measured: 09/30/2023

Amount Received During Reporting Period Unit of Measure: Gallons (G)

Comments:

CA3310046: WELL 02

Source Information:

- **Facility ID**: 002
- **Facility Type**: Well
- **Water Type**: Groundwater
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Well Construction Date**: 12/26/1994
- **Well Depth (feet below ground surface)**: 600
- **Fractured Hard Rock Well**: Yes
- **Water Rights ID**: Missing Information
- **Well Completion Report Number**: 575896,575897,575894
- **Well Completion Report**: Well Completion Report 331004602.pdf
- **Department of Water Resources Site Code Identification Number**: 06S03W19G

Did you utilize this source during the reporting period?: Yes

Static Water Level (feet below ground surface): 36

Static Water Level (feet below ground surface) Date Measured: 09/01/2023

Pumping Water Level (feet below ground surface): 76

Pumping Water Level (feet below ground surface) Date Measured: 09/01/2023

Pump Depth (feet below ground surface): 400

Pump Depth (feet below ground surface) Date Measured: 09/01/2023

Amount Produced During Reporting Period: 374,748.00

Amount Produced During Reporting Period Date Measured: 09/30/2023

Amount Produced During Reporting Period Unit of Measure: Gallons (G)

Total Pump Hours During Reporting Period: 131.00

Average Production Rate During Reporting Period (GPM): 47.68

Instant Flow Rate: 47.60

Instant Flow Rate Date Measured: 09/30/2023

Instant Flow Rate Unit of Measure: Gallons per Minute (GPM)

Was this source under curtailment at any point within the reporting period from the State Water Board Division of Water Rights?: No

Comments:

CA3310046: ELSINORE VALLEY MWD-TREATED

Source Information:

- **Facility ID**: 001
- **Facility Type**: Consecutive Connection
- **Water Type**: Surface Water
- **Facility Availability**: Permanent
- **Activity Status**: Active
- **Maximum Capacity**: Missing Information
- **Maximum Capacity Unit of Measure**: Missing Information
- **Maximum Contractual Daily Rate**: Missing Information
- **Maximum Contractual Daily Rate Unit of Measure**: Missing Information
- **Maximum Contractual Monthly Volume**: Missing Information
- **Maximum Contractual Monthly Volume Unit of Measure**: Missing Information
- **Maximum Contractual Annual Volume**: Missing Information
- **Maximum Contractual Annual Volume Unit of Measure**: Missing Information
- **Ability to utilize the intertie**: Available As Needed
- **Seller Treatment**: Treated by seller including surface water treatment filtration
- **Seasonal Availability Start Date**: Missing Information
- **Seasonal Availability End Date**: Missing Information

Did you utilize this source during the reporting period?: Yes

Amount Received During Reporting Period: 8,910,924.00000000

Amount Received During Reporting Period Date Measured: 09/30/2023

Amount Received During Reporting Period Unit of Measure: Gallons (G)

Comments:

TOTAL PRODUCTION DURING REPORTING PERIOD (gallons): 662,282,381.97

SUPPLY & DEMAND

CA3310012

ABOUT

Does your system supply or deliver non-potable water to customers or other water systems?: Yes

Does your system supply or deliver recycled water to customers or other water systems?: Yes

POTABLE SUPPLY

Unit of Measure: Gallons

POTABLE SELF-PRODUCED

Groundwater Production	Surface Water Production	TOTAL Potable Self-Produced	Preliminary Estimate?
62,081,133	0	62,081,133	No

POTABLE EXTERNALLY-SOURCED

Consecutive Connection	Consecutive Connection Obtained From (Water Systems Only)	Bottled Water Reliance	TOTAL Potable Externally-Sourced	Preliminary Estimate?
600,201,249	CA3310009 - EASTERN MUNICIPAL WD; CA3310049 - WESTERN MWD; CA3310074 - TEMESCAL VALLEY WATER DISTRICT	No	600,201,249	No

TOTAL POTABLE SUPPLY

TOTAL Potable Supply	Preliminary Estimate?
662,282,382	No

POTABLE SUPPLY COMMENTS:

POTABLE DEMAND

Do you meter the volume of potable water delivered to your individual customers?: Yes

Unit of Measure: Acre Feet (AF)

POTABLE RESIDENTIAL DEMAND

Residential Single-Family	Residential Multi-Family	TOTAL Residential Demand	Population Served	Residential Gallons per Capita per Day (R-GPCD)	Preliminary Estimate?
1,478	87	1,565	160,093	0.00	No

POTABLE NON-RESIDENTIAL DEMAND

Commercial & Institutional	Metered Irrigation of Commercial, Industrial, or Institutional Landscapes	Industrial	Agriculture	Other Non-Residential Demand	Total Non-Residential Demand	Preliminary Estimate?
126	384	0	0	43	553	No

POTABLE WATER DELIVERED TO OTHER WATER SYSTEM (S)

Volume Sold or Delivered to Other Water Systems(s)	Sold or Delivered To (Water Systems Only)	Preliminary Estimate?
26	CA3310046 - FARM MUTUAL W.C. (THE)	No

TOTAL POTABLE DEMAND

TOTAL Potable Demand	Preliminary Estimate?
2,145	No

POTABLE DEMAND COMMENTS:

NON-POTABLE SUPPLY

Unit of Measure: Gallons (G)

NON-POTABLE SELF-PRODUCED SUPPLY

Recycled Water Self-Produced	Non-Potable Water Produced (not recycled; i.e., agriculture well)	TOTAL Non-Potable Water Self-Produced	Preliminary Estimate?
214,582,985	589,790	215,172,775	No

NON-POTABLE SUPPLY EXTERNALLY-SOURCED

Recycled Water Obtained	Recycled Water Obtained From (Water Systems Only)	Obtained Non-Potable Hauled Water	Other Non-Potable Water Obtained From Another Water System	Non-Potable Obtained Water Sources (Water Systems Only)	TOTAL Non-Potable Water Externally Sourced	Preliminary Estimate?
7,212,060	CA3390009 - EASTERN MUNICIPAL WD - RECLAMATION		0		7,212,060	No

TOTAL NON-POTABLE SUPPLY

TOTAL Non-Potable Supply	Preliminary Estimate?
222,384,835	No

NON-POTABLE SUPPLY COMMENTS:

NON-POTABLE DEMAND

Do you meter the volume of potable water delivered to your individual customers?: Yes

Unit of Measure: Acre Feet (AF)

RESIDENTIAL NON-POTABLE DEMAND

Residential Recycled Water Demand	Residential Non-Potable Demand (non-recycled)	TOTAL Residential Non-Potable Demand	Metered Non-Potable Residential Landscape Irrigation Demand	Preliminary Estimate?
1	0	1	0	No

NON-RESIDENTIAL NON-POTABLE DEMAND

Non-Residential Recycled Water Demand	Non-Residential Non-Potable Demand (non-recycled)	TOTAL Non-Residential Non-Potable Demand	Metered Non-Potable, Non-Residential Irrigation Demand for Commercial, Industrial, or Institutional Landscapes	Preliminary Estimate?
696	2	697	0	No

NON-POTABLE WATER DELIVERED TO OTHER WATER SYSTEM(S)

Volume Non-Potable Sold or Delivered to Other Water System(s)	Non-Potable Sold or Delivered To (Water Systems Only)	Preliminary Estimate?
0		No

TOTAL NON-POTABLE DEMAND

TOTAL Non-Potable Demand	Preliminary Estimate?
699	No

NON-POTABLE DEMAND COMMENTS:

TOTAL REPORT SUMMARY

POTABLE SUPPLY & DEMAND (IN GALLONS)

TOTAL Potable Supply	TOTAL Potable Demand	Preliminary Supply Estimate?	Preliminary Demand Estimate?	Potable Supply and Demand Difference
662,282,382	698,992,430	No	No	-36,710,048

POTABLE SUPPLY & DEMAND COMMENTS:

NON-POTABLE SUPPLY & DEMAND (IN GALLONS)

TOTAL Non-Potable Supply	TOTAL Non Potable Demand	Preliminary Non-Potable Supply Estimate?	Preliminary Non-Potable Demand Estimate?	Non-Potable Supply and Demand Difference
222,384,835	227,672,094	No	No	-5,287,258

NON-POTABLE SUPPLY & DEMAND COMMENTS:

ESTIMATED POTABLE WATER LOSS

Estimated Potable Water Loss (in gallons)
8,609,671

ESTIMATED POTABLE WATER LOSS COMMENTS:

ESTIMATED NON-POTABLE WATER LOSS

Estimated Non-Potable Water Loss (in gallons)
2,891,003

ESTIMATED NON-POTABLE WATER LOSS COMMENTS:

MAXIMUM DAY DEMAND (MDD)

Maximum Day Demand in Gallons (within period)	Maximum Day Demand Date
30,143,238	09/21/2023

MAXIMUM DAY DEMAND (MDD) COMMENTS:

ANNUAL SUPPLY (IN GALLONS)

Month	Groundwater Production	Surface Water Production	Consecutive Connection	TOTAL Potable Supply
January	229,878,105	0	153,453,011	383,331,116
February	183,108,711	0	196,670,630	379,779,341
March	241,165,584	0	99,918,951	341,084,534
April	103,056,896	0	383,751,464	486,808,360
May	39,753,822	0	555,931,133	595,684,955
June	62,012,704	0	564,950,688	626,963,392
July	58,959,480	0	738,541,292	797,500,771
August	119,160,452	0	602,931,881	722,092,333
September	62,081,133	0	600,201,249	662,282,382
TOTAL	1,099,176,886	0	3,896,350,298	4,995,527,184

Month	Recycled Water Self-Produced	Non-Potable Water Produced (not recycled; i.e., AGRICULTURE well)	Recycled Water Obtained	Recycled Water Obtained From (Water Systems Only)	TOTAL Non-Potable Supply	TOTAL Supply
January	204,051,155	169,443	0	CA3390009 - EASTERN MUNICIPAL WD - RECLAMATION	204,220,597	587,551,714
February	174,682,204	462,708	0	CA3390009 - EASTERN MUNICIPAL WD - RECLAMATION	175,144,913	554,924,253
March	207,097,862	452,933	0	CA3390009 - EASTERN MUNICIPAL WD - RECLAMATION	207,550,794	548,635,329
April	196,683,664	188,994	5,311,371	CA3390009 - EASTERN MUNICIPAL WD - RECLAMATION	202,184,028	688,992,388
May	211,167,741	1,081,825	5,089,793	CA3390009 - EASTERN MUNICIPAL WD - RECLAMATION	217,339,358	813,024,313
June	207,376,790	1,844,317	7,103,552	CA3390009 - EASTERN MUNICIPAL WD - RECLAMATION	216,324,658	843,288,051
July	208,345,871	1,912,745	3,128,170	CA3390009 - EASTERN MUNICIPAL WD - RECLAMATION	213,386,786	1,010,887,557
August	218,932,264	2,225,562	8,561,735	CA3390009 - EASTERN MUNICIPAL WD - RECLAMATION	229,719,561	951,811,894
September	214,582,985	589,790	7,212,060	CA3390009 - EASTERN MUNICIPAL WD - RECLAMATION	222,384,835	884,667,217
TOTAL	1,842,920,534	8,928,317	36,406,681		1,888,255,532	6,883,782,716

ANNUAL DEMAND (IN GALLONS)

Month	Residential Single-Family	Residential Multi-Family	Commercial & Institutional	Metered Irrigation of Commercial, Industrial, or Institutional Landscapes	Other Non-Residential Demand	Volume Sold or Delivered to Other Water Systems(s)	Sold or Delivered To (Water Systems Only)	TOTAL Potable Demand
January	288,674,659	23,888,137	30,962,362	27,534,410	3,688,633	5,748,012	CA3310046 - FARM MUTUAL W.C. (THE)	380,496,213
February	247,839,012	23,200,591	29,003,998	13,346,857	2,017,018	7,207,824	CA3310046 - FARM MUTUAL W.C. (THE)	322,615,300
March	301,578,359	29,013,773	35,120,221	23,976,117	3,225,925	5,037,656	CA3310046 - FARM MUTUAL W.C. (THE)	397,952,051
April	390,327,137	23,350,483	29,127,821	11,606,813	1,564,085	5,506,882	CA3310046 - FARM MUTUAL W.C. (THE)	461,483,220
May	370,414,383	26,543,822	39,558,311	51,693,003	8,247,289	7,823,683	CA3310046 - FARM MUTUAL W.C. (THE)	504,280,491
June	422,658,399	27,371,810	41,417,943	87,906,454	8,789,505	8,732,155	CA3310046 - FARM MUTUAL W.C. (THE)	596,876,266
July	448,709,535	26,912,686	40,271,273	102,970,871	10,620,136	8,795,696	CA3310046 - FARM MUTUAL W.C. (THE)	638,280,197
August	547,384,061	30,200,197	47,818,308	139,544,387	15,763,042	10,545,190	CA3310046 - FARM MUTUAL W.C. (THE)	791,255,185
September	481,766,467	28,298,856	41,211,028	124,968,746	14,158,226	8,589,107	CA3310046 - FARM MUTUAL W.C. (THE)	698,992,430
TOTAL	3,499,352,014	238,780,354	334,491,265	583,547,657	68,073,858	67,986,204		4,792,231,352

Month	Residential Recycled Water Demand	Non-Residential Recycled Water Demand	Non-Residential Non-Potable Demand (non-recycled)	TOTAL Non-Potable Demand	TOTAL Demand
January	0	208,091,707	169,443	208,261,150	588,757,362
February	6,517	172,140,566	462,708	172,609,792	495,225,091
March	16,293	211,288,305	452,933	211,757,531	609,709,582
April	0	189,664,833	188,994	189,853,827	651,337,047
May	140,116	204,575,775	1,081,825	205,797,716	710,078,207
June	267,198	210,525,814	1,844,317	212,637,329	809,513,594
July	319,334	214,419,734	1,912,745	216,651,813	854,932,010
August	501,811	232,031,980	2,225,562	234,759,353	1,026,014,538
September	400,797	226,681,507	589,790	227,672,094	926,664,523
TOTAL	1,652,065	1,869,420,221	8,928,317	1,880,000,603	6,672,231,955

CA3310046

ABOUT

Does your system supply or deliver non-potable water to customers or other water systems?: Yes

Does your system supply or deliver recycled water to customers or other water systems?: No

POTABLE SUPPLY

Unit of Measure: Gallons

POTABLE SELF-PRODUCED

Groundwater Production	TOTAL Potable Self-Produced	Preliminary Estimate?
374,748	374,748	No

POTABLE EXTERNALLY-SOURCED

Consecutive Connection	Consecutive Connection Obtained From (Water Systems Only)	Bottled Water Reliance	TOTAL Potable Externally-Sourced	Preliminary Estimate?
8,910,924	CA3310012 - ELSINORE VALLEY MWD	No	8,910,924	No

TOTAL POTABLE SUPPLY

TOTAL Potable Supply	Preliminary Estimate?
9,285,672	No

POTABLE SUPPLY COMMENTS:

POTABLE DEMAND

Do you meter the volume of potable water delivered to your individual customers?: Yes

Unit of Measure: Gallons (G)

POTABLE RESIDENTIAL DEMAND

Residential Single-Family	Residential Multi-Family	TOTAL Residential Demand	Population Served	Residential Gallons per Capita per Day (R-GPCD)	Preliminary Estimate?
8,037,260	0	8,037,260	4,026	68.84	No

POTABLE NON-RESIDENTIAL DEMAND

Commercial & Institutional	Metered Irrigation of Commercial, Industrial, or Institutional Landscapes	Industrial	Agriculture	Other Non-Residential Demand	Total Non-Residential Demand	Preliminary Estimate?
46,376	439,824	0	0	0	486,200	No

POTABLE WATER DELIVERED TO OTHER WATER SYSTEM (S)

Volume Sold or Delivered to Other Water Systems(s)	Sold or Delivered To (Water Systems Only)	Preliminary Estimate?
0		No

TOTAL POTABLE DEMAND

TOTAL Potable Demand	Preliminary Estimate?
8,523,460	No

POTABLE DEMAND COMMENTS:

NON-POTABLE SUPPLY

Unit of Measure: Gallons (G)

NON-POTABLE SELF-PRODUCED SUPPLY

Recycled Water Self-Produced	Non-Potable Water Produced (not recycled; i.e., agriculture well)	TOTAL Non-Potable Water Self-Produced	Preliminary Estimate?
0	525,096	525,096	No

NON-POTABLE SUPPLY EXTERNALLY-SOURCED

Recycled Water Obtained	Recycled Water Obtained From (Water Systems Only)	Obtained Non-Potable Hauled Water	Other Non-Potable Water Obtained From Another Water System	Non-Potable Obtained Water Sources (Water Systems Only)	TOTAL Non-Potable Water Externally Sourced	Preliminary Estimate?
0			0		0	No

TOTAL NON-POTABLE SUPPLY

TOTAL Non-Potable Supply	Preliminary Estimate?
525,096	No

NON-POTABLE SUPPLY COMMENTS:

NON-POTABLE DEMAND

Do you meter the volume of potable water delivered to your individual customers?: Yes

Unit of Measure: Gallons (G)

RESIDENTIAL NON-POTABLE DEMAND

Residential Recycled Water Demand	Residential Non-Potable Demand (non-recycled)	TOTAL Residential Non-Potable Demand	Metered Non-Potable Residential Landscape Irrigation Demand	Preliminary Estimate?
0	0	0	525,096	No

NON-RESIDENTIAL NON-POTABLE DEMAND

Non-Residential Recycled Water Demand	Non-Residential Non-Potable Demand (non-recycled)	TOTAL Non-Residential Non-Potable Demand	Metered Non-Potable, Non-Residential Irrigation Demand for Commercial, Industrial, or Institutional Landscapes	Preliminary Estimate?
0	0	0	0	No

NON-POTABLE WATER DELIVERED TO OTHER WATER SYSTEM(S)

Volume Non-Potable Sold or Delivered to Other Water System(s)	Non-Potable Sold or Delivered To (Water Systems Only)	Preliminary Estimate?
0		No

TOTAL NON-POTABLE DEMAND

TOTAL Non-Potable Demand	Preliminary Estimate?
525,096	No

NON-POTABLE DEMAND COMMENTS:

TOTAL REPORT SUMMARY

POTABLE SUPPLY & DEMAND (IN GALLONS)

TOTAL Potable Supply	TOTAL Potable Demand	Preliminary Supply Estimate?	Preliminary Demand Estimate?	Potable Supply and Demand Difference
9,285,672	8,523,460	No	No	762,212

POTABLE SUPPLY & DEMAND COMMENTS:

NON-POTABLE SUPPLY & DEMAND (IN GALLONS)

TOTAL Non-Potable Supply	TOTAL Non Potable Demand	Preliminary Non-Potable Supply Estimate?	Preliminary Non-Potable Demand Estimate?	Non-Potable Supply and Demand Difference
525,096	525,096	No	No	0

NON-POTABLE SUPPLY & DEMAND COMMENTS:

ESTIMATED POTABLE WATER LOSS

Estimated Potable Water Loss (in gallons)
701,624

ESTIMATED POTABLE WATER LOSS COMMENTS:

ESTIMATED NON-POTABLE WATER LOSS

Estimated Non-Potable Water Loss (in gallons)
701,624

ESTIMATED NON-POTABLE WATER LOSS COMMENTS:

MAXIMUM DAY DEMAND (MDD)

Maximum Day Demand in Gallons (within period)	Maximum Day Demand Date
601,226	09/15/2023

MAXIMUM DAY DEMAND (MDD) COMMENTS:

ANNUAL SUPPLY (IN GALLONS)

Month	Groundwater Production	Consecutive Connection	TOTAL Potable Supply
January	258,808	5,797,000	6,055,808
February	301,444	5,591,300	5,892,744
March	596,904	6,058,800	6,655,704
April	357,544	6,676,648	7,034,192
May	23,135	8,267,644	8,290,779
June	685,855	8,505,508	9,191,363
July	448,223	8,943,088	9,391,311
August	444,312	10,357,556	10,801,868
September	374,748	8,910,924	9,285,672
TOTAL	3,490,973	69,108,468	72,599,441

Month	Non-Potable Water Produced (not recycled; i.e., AGRICULTURE well)	TOTAL Non-Potable Supply	TOTAL Supply
January	124,168	124,168	6,179,976
February	236,368	236,368	6,129,112
March	8,308	8,308	6,664,012
April	254,320	254,320	7,288,512
May	321,879	321,879	8,612,658
June	440,572	440,572	9,631,935
July	604,384	604,384	9,995,695
August	479,468	479,468	11,281,336
September	525,096	525,096	9,810,768
TOTAL	2,994,563	2,994,563	75,594,004

ANNUAL DEMAND (IN GALLONS)

Month	Residential Single-Family	Commercial & Institutional	Metered Irrigation of Commercial, Industrial, or Institutional Landscapes	TOTAL Potable Demand
January	6,024,392	10,472	20,944	6,055,808
February	5,847,116	17,204	28,424	5,892,744
March	6,590,628	59,840	5,236	6,655,704
April	6,332,568	29,920	85,272	6,447,760
May	7,401,460	37,400	382,976	7,821,836
June	7,916,084	50,116	539,308	8,505,508
July	7,827,820	68,068	675,444	8,571,332
August	9,112,884	74,052	502,656	9,689,592
September	8,037,260	46,376	439,824	8,523,460
TOTAL	65,090,212	393,448	2,680,084	68,163,744

Month	Non-Residential Non-Potable Demand (non-recycled)	TOTAL Non-Potable Demand	TOTAL Demand
January	124,168	248,336	6,304,144
February	236,368	472,736	6,365,480
March	8,308	8,308	6,664,012
April	254,320	508,640	6,956,400
May	0	321,879	8,143,715
June	440,572	440,572	8,946,080
July	0	604,384	9,175,716
August	0	479,468	10,169,060
September	0	525,096	9,048,556
TOTAL	1,063,736	3,609,419	71,773,163

URBAN WATER SUPPLIER TOTAL ANNUAL SUMMARY

ANNUAL SUPPLY (IN GALLONS)

Month	Groundwater Production	Surface Water Production	Consecutive Connection	TOTAL Potable Supply
January	230,136,913	0	159,250,011	389,386,924
February	183,410,155	0	202,261,930	385,672,085
March	241,762,488	0	105,977,751	347,740,238
April	103,414,440	0	390,428,112	493,842,552
May	39,776,957	0	564,198,777	603,975,734
June	62,698,559	0	573,456,196	636,154,755
July	59,407,703	0	747,484,380	806,892,082
August	119,604,764	0	613,289,437	732,894,201
September	62,455,881	0	609,112,173	671,568,054
TOTAL	1,102,667,859	0	3,965,458,766	5,068,126,625

Month	Recycled Water Self-Produced	Non-Potable Water Produced (not recycled; i.e., AGRICULTURE well)	Recycled Water Obtained	TOTAL Non-Potable Supply	TOTAL Supply
January	204,051,155	293,611	0	204,344,765	593,731,690
February	174,682,204	699,076	0	175,381,281	561,053,365
March	207,097,862	461,241	0	207,559,102	555,299,341
April	196,683,664	443,314	5,311,371	202,438,348	696,280,900
May	211,167,741	1,403,705	5,089,793	217,661,238	821,636,971
June	207,376,790	2,284,889	7,103,552	216,765,230	852,919,986
July	208,345,871	2,517,129	3,128,170	213,991,170	1,020,883,252
August	218,932,264	2,705,030	8,561,735	230,199,029	963,093,230
September	214,582,985	1,114,886	7,212,060	222,909,931	894,477,985
TOTAL	1,842,920,534	11,922,881	36,406,681	1,891,250,095	6,959,376,720

ANNUAL DEMAND (IN GALLONS)

Month	Residential Single-Family	Residential Multi-Family	Commercial & Institutional	Metered Irrigation of Commercial, Industrial, or Institutional Landscapes	Other Non-Residential Demand	Volume Sold or Delivered to Other Water Systems(s)	TOTAL Potable Demand
January	294,699,051	23,888,137	30,972,834	27,555,354	3,688,633	5,748,012	386,552,021
February	253,686,128	23,200,591	29,021,202	13,375,281	2,017,018	7,207,824	328,508,044
March	308,168,987	29,013,773	35,180,061	23,981,353	3,225,925	5,037,656	404,607,755
April	396,659,705	23,350,483	29,157,741	11,692,085	1,564,085	5,506,882	467,930,980
May	377,815,843	26,543,822	39,595,711	52,075,979	8,247,289	7,823,683	512,102,327
June	430,574,483	27,371,810	41,468,059	88,445,762	8,789,505	8,732,155	605,381,774
July	456,537,355	26,912,686	40,339,341	103,646,315	10,620,136	8,795,696	646,851,529
August	556,496,945	30,200,197	47,892,360	140,047,043	15,763,042	10,545,190	800,944,777
September	489,803,727	28,298,856	41,257,404	125,408,570	14,158,226	8,589,107	707,515,890
TOTAL	3,564,442,226	238,780,354	334,884,713	586,227,741	68,073,858	67,986,204	4,860,395,096

Month	Residential Recycled Water Demand	Non-Residential Recycled Water Demand	Non-Residential Non-Potable Demand (non-recycled)	TOTAL Non-Potable Demand	TOTAL Demand
January	0	208,091,707	293,611	208,509,486	595,061,506
February	6,517	172,140,566	699,076	173,082,528	501,590,571
March	16,293	211,288,305	461,241	211,765,839	616,373,594
April	0	189,664,833	443,314	190,362,467	658,293,447
May	140,116	204,575,775	1,081,825	206,119,595	718,221,922
June	267,198	210,525,814	2,284,889	213,077,901	818,459,674
July	319,334	214,419,734	1,912,745	217,256,197	864,107,726
August	501,811	232,031,980	2,225,562	235,238,821	1,036,183,598
September	400,797	226,681,507	589,790	228,197,190	935,713,079
TOTAL	1,652,065	1,869,420,221	9,992,053	1,883,610,022	6,744,005,118

SUPPLY AUGMENTATION

Please note any source augmentation actions that are in progress for any of your water systems during the current reporting period: None

DEMAND REDUCTION

Have you implemented any demand reduction actions on any of your water systems during the current reporting period?: Yes

What demand reduction actions have you taken for these water systems during the current reporting period?: Enhanced Outreach and Communication, Residential Water Audits, Expanded Existing Rebate Program, Turf Replacement/Rebate

General comments:

Details on rebate program expansion: CA331012

Have you implemented any restrictions or prohibitions on any of your water systems during the current reporting period?: Yes

What restrictions or prohibitions have you implemented on these water systems during the current reporting period?: Application of potable water to sidewalks or driveways, Use of potable water in decorative features, Excessive irrigation or outdoor landscapes, Washing a motor vehicle with a hose not fitted with a shut off nozzle, The application of water to irrigate turf or ornamental landscapes during or within 48 hours after measurable rainfall

General comments:

What industry specific prohibitions or restrictions have you implemented on any of your water systems during the current reporting period?: Requiring corporate entities (i.e., HOAs) to support water-efficient and drought tolerant landscaping

Do you have a water waste tracking program for any of your systems?: Yes

Total number of water waste incidents reported across all your systems during the current reporting period: 1

Total number of water waste incidents investigated from all your systems during the current reporting period: 1

Total number of water wasters notified from all your systems during the current reporting period: 1

Number of water wasters resulting in penalties from all your systems during the current reporting period: 0

Comments on water waste activities:

What type of communication activities have you utilized for any of your systems to promote demand reduction during the current reporting period?: Website, Facebook, Instagram, Social Media, Community Events

ATTEST

I certify that the information provided is true and accurate under penalty of perjury.

Parag Kalaria

10/26/2023

Attachment 4: WSCP Public Hearing Notices

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3512 14 Street
Riverside, California 92501
(951) 368-9229
neller@scng.com

Elsinore Valley Municipal Water District
31315 Chaney Street
Lake Elsinore, California 92530

Account Number:	5209159
Ad Order Number:	0011629801
Customer's Reference/PO Number:	
Publication:	The Press-Enterprise
Publication Dates:	10/25/2023 and 11/01/2023
Total Amount:	$909.33
Payment Amount:	$0.00
Amount Due:	$909.33
Notice ID:	Ahk4XTMCOgIkpDanhiip
Invoice Text:	NOTICE OF PUBLIC HEARING The notice is hereby given that on November 9, 2023 at 4:00 PM in the Elsinore Valley Municipal Water District (EVMWD) Board room, first floor at 31315 Chaney Street, Lake Elsinore, CA 92530, the EVMWD Board of Directors will conduct public hearings to receive public comments and consider adoption of: (1) an Ordinance of the Elsinore Valley Municipal Water District of the Riverside County Establishing an updated and restating the District's Water Shortage Contingency Plan/Water Conservation Program (2) Draft updated Water Shortage Contingency Plan (WSCP). Following the public hearing, The EVMWD Board of Directors may adopt the ordinance and Draft WSCP after taking into consideration comments received from the public. The ordinance establishes the District's Water Shortage Contingency Plan/Water Conservation Program (program). The program establishes six water shortage stages, implements water supply shortage response measures, and regulates water consumption to conserve water and to prevent wastage. The program provides authority for the District to implement its WSCP. The draft WSCP, outlines EVMWD's strategies for managing and mitigating any actual water shortage condition that may arise due to factors such as drought or other challenges impacting water supplies. The draft WSCP incorporates the details described in the draft ordinance. A copy of the draft ordinance and the draft WSCP will be available for public review beginning October 19, 2023, at https://evmwd.com/who-we-are/water-resources/ under the Urban Water Management Plan tab. Please contact the District if you require special accommodation. Please provide written comments on the draft Ordinance and the

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Elsinore Valley Municipal Water District
31315 Chaney Street
Lake Elsinore, California 92530

Publication: The Press-Enterprise

PROOF OF PUBLICATION OF

Ad Desc: 0011629801

FILE NO. 0011629801

PROOF OF PUBLICATION

I am a citizen of the United States. I am over the age of eighteen years and not party to or interested in the above-entitled matter. I am an authorized representative of THE PRESS-ENTERPRISE, a newspaper of general circulation, printed and published daily in the County of Riverside, and which newspaper has been adjudicated a newspaper of general circulation by the Superior Court of the County of Riverside, State of California, under date of April 25, 1952, Case Number 54446, under date of March 29, 1957, Case Number 65673, under date of August 25, 1995, Case Number 267864, and under date of September 16, 2013, Case Number RIC 1309013; that the notice, of which the annexed is a printed copy, has been published in said newspaper in accordance with the instructions of the person(s) requesting publication, and not in any supplement thereof on the following dates, to wit:

10/25/2023, 11/01/2023

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Date: November 1, 2023.
At: Riverside, California

Signature

NOTICE OF PUBLIC HEARING

The notice is hereby given that on November 9, 2023 at 4:00 PM in the Elsinore Valley Municipal Water District (EVMWD) Board room, first floor at 31315 Chaney Street, Lake Elsinore, CA 92530, the EVMWD Board of Directors will conduct public hearings to receive public comments and consider adoption of:
(1) an Ordinance of the Elsinore Valley Municipal Water District of the Riverside County Establishing an updated and restating the District's Water Shortage Contingency Plan/Water Conservation Program
(2) Draft updated Water Shortage Contingency Plan (WSCP).
Following the public hearing, The EVMWD Board of Directors may adopt the ordinance and Draft WSCP after taking into consideration comments received from the public.
The ordinance establishes the District's Water Shortage Contingency Plan/Water Conservation Program (program). The program establishes six water shortage stages, implements water supply shortage response measures, and regulates water consumption to conserve water and to prevent wastage. The program provides authority for the District to implement its WSCP.
The draft WSCP, outlines EVMWD's strategies for managing and mitigating any actual water shortage condition that may arise due to factors such as drought or other challenges impacting water supplies. The draft WSCP incorporates the details described in the draft ordinance.
A copy of the draft ordinance and the draft WSCP will be available for public review beginning October 19, 2023, at https://evmwd.com/who-we-are/water-resources/ under the Urban Water Management Plan tab. Please contact the District if you require special accommodation.
Please provide written comments on the draft Ordinance and the draft WSCP documents to EVMWD's Board Secretary, Terese Quintanar, @ terese@evmwd.net prior to 12:00 PM November 9, 2023.
If you have any questions regarding EVMWD's Draft Ordinance, Draft WSCP, or the public hearing, please contact Terese Quintanar at 951-674-3146 Ext: 8223 or terese@evmwd.net
The Press-Enterprise
Published: 10/25, 11/1/23

Attachment 5: WSCP Adoption Resolution

RESOLUTION NO. 23-11-03

RESOLUTION OF THE BOARD OF DIRECTORS OF
ELSINORE VALLEY MUNICIPAL WATER DISTRICT
ADOPTING THE UPDATED WATER SHORTAGE
CONTIGENCY PLAN (WSCP)

WHEREAS, the California Legislature enacted Assembly Bill 797 during the 1983-94 Regular Session of the California Legislature (Water Code Section 10610 et. seq.) known as the Urban Water Management Planning Act, which mandates that every urban supplier of water providing water for municipal purposes to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually, prepare and adopt, in accordance with prescribed requirements, a water shortage contingency plan (WSCP); and

WHEREAS, the Act specifies the requirements and procedures for adopting such Water Shortage Contingency Plans; and

WHEREAS, Elsinore Valley Municipal Water District is an urban supplier of water providing to over 47,000 connections, meets the definition of an urban water supplier for purposes of the act, and has therefore, prepared and circulated for public review a Draft Water Shortage Contingency Plan to manage and mitigate an actual water shortage condition, should one occur because of drought or other impacts on water supplies; and

WHEREAS, a properly noticed public hearing regarding said Draft WSCP was held by the Board of Directors of Elsinore Valley Municipal Water District on November 09, 2023;

NOW, THEREFORE BE IT RESOLVED, by the Board of Directors of the Elsinore Valley Municipal Water District as follows:

1. The Updated Water Shortage Contingency Plan is hereby adopted;
2. The General Manager is hereby authorized and directed to submit the updated Plan to the California Department of Water Resources within 30 days of adoption.

APPROVED, ADOPTED AND SIGNED this 9th day of November 2023.

Andy Morris, President of the
Board of Directors of the
Elsinore Valley Municipal Water District

ATTEST:

Terese Quintanar, Secretary to the
Board of Directors of the
Elsinore Valley Municipal Water District

STATE OF CALIFORNIA)
) ss:
COUNTY OF RIVERSIDE)

I, Terese Quintanar, Secretary of the Board of Directors of the Elsinore Valley Municipal Water District, do hereby certify that the foregoing Resolution No. 23-11-03, was duly adopted by said Board at its Regular Board Meeting held on November 9, 2023, and that it was so adopted by the following roll call vote:

AYES:	Burke, Morris, Edmondson, Ryan, Ferguson
NOES:	None
ABSENT:	None
ABSTAIN:	None

Terese Quintanar, Secretary of the
Board of Directors of the
Elsinore Valley Municipal Water District