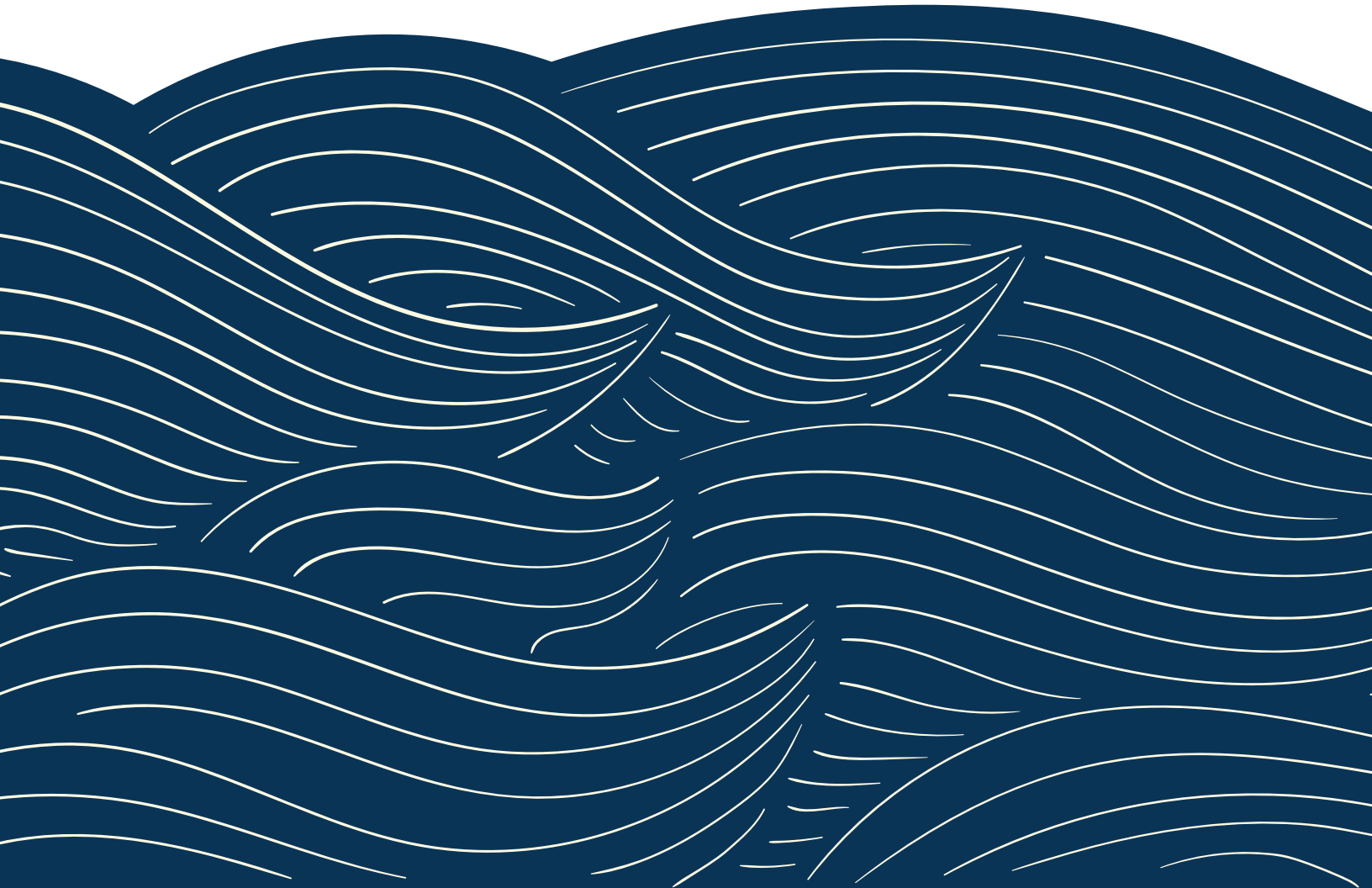
2020

PART 4: UWMP AGENCY SUPPORTING INFORMATION

UPPER SANTA ANA RIVER WATERSHED

INTEGRATED REGIONAL URBAN WATER MANAGEMENT PLAN



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2020 IRUWMP Part 4
East Valley Water District
Appendix F

F-1: UWMP Compliance Checklist

2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
Chapter 1	10615	A plan shall describe and evaluate sources of supply, reasonable and practical efficient uses, reclamation and demand management activities.	Introduction and Overview	Part 2 Chapter 6 Part 1 Chapter 3
Chapter 1	10630.5	Each plan shall include a simple description of the supplier's plan including water availability, future requirements, a strategy for meeting needs, and other pertinent information. Additionally, a supplier may also choose to include a simple description at the beginning of each chapter.	Summary	Part 2 Chapter 6 Executive Summary
Section 2.2	10620(b)	Every person that becomes an urban water supplier shall adopt an urban water management plan within one year after it has become an urban water supplier.	Plan Preparation	Part 2 Chapter 6
Section 2.6	10620(d)(2)	Coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.	Plan Preparation	Part 1 Chapter 1
Section 2.6.2	10642	Provide supporting documentation that the water supplier has encouraged active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan and contingency plan.	Plan Preparation	Part 4 Appendix F-2
Section 2.6, Section 6.1	10631(h)	Retail suppliers will include documentation that they have provided their wholesale supplier(s) - if any - with water use projections from that source.	System Supplies	Part 1 Chapter 5
Section 2.6	10631(h)	Wholesale suppliers will include documentation that they have provided their urban water suppliers with identification and quantification of the existing and planned sources of water available from the wholesale to the urban supplier during various water year types.	System Supplies	N/A
Section 3.1	10631(a)	Describe the water supplier service area.	System Description	Part 2 Chapter 6 Section 1

2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
Section 3.3	10631(a)	Describe the climate of the service area of the supplier.	System Description	Part 1 Chapter 2
Section 3.4	10631(a)	Provide population projections for 2025, 2030, 2035, 2040 and optionally 2045.	System Description	Part 2 Chapter 6 Section 1.1
Section 3.4.2	10631(a)	Describe other social, economic, and demographic factors affecting the supplier's water management planning.	System Description	Part 1 Chapter 2
Sections 3.4 and 5.4	10631(a)	Indicate the current population of the service area.	System Description and Baselines and Targets	Part 2 Chapter 6 Section 1.1
Section 3.5	10631(a)	Describe the land uses within the service area.	System Description	Part 2 Chapter 6 Section 1.2
Section 4.2	10631(d)(1)	Quantify past, current, and projected water use, identifying the uses among water use sectors.	System Water Use	Part 2 Chapter 6 Section 2
Section 4.2.4	10631(d)(3)(C)	Retail suppliers shall provide data to show the distribution loss standards were met.	System Water Use	Part 2 Chapter 6 Section 2.1.2
Section 4.2.6	10631(d)(4)(A)	In projected water use, include estimates of water savings from adopted codes, plans and other policies or laws.	System Water Use	Part 2 Chapter 6 Section 2.2.1
Section 4.2.6	10631(d)(4)(B)	Provide citations of codes, standards, ordinances, or plans used to make water use projections.	System Water Use	Part 2 Chapter 6 Section 2.2
Section 4.3.2.4	10631(d)(3)(A)	Report the distribution system water loss for each of the 5 years preceding the plan update.	System Water Use	Part 2 Chapter 6 Section 2.1.2
Section 4.4	10631.1(a)	Include projected water use needed for lower income housing projected in the service area of the supplier.	System Water Use	Part 2 Chapter 6 Section 2.3
Section 4.5	10635(b)	Demands under climate change considerations must be included as part of the drought risk assessment.	System Water Use	Part 2 Chapter 6 Section 2.4 Part 1 Chapter 5
Chapter 5	10608.20(e)	Retail suppliers shall provide baseline daily per capita water use, urban water use target, interim urban water use target, and compliance daily per capita water use, along with the bases for determining those estimates, including references to supporting data.	Baselines and Targets	Part 2 Chapter 6 Section 3

2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
Chapter 5	10608.24(a)	Retail suppliers shall meet their water use target by December 31, 2020.	Baselines and Targets	Part 2 Chapter 6 Section 3.2
Section 5.1	10608.36	Wholesale suppliers shall include an assessment of present and proposed future measures, programs, and policies to help their retail water suppliers achieve targeted water use reductions.	Baselines and Targets	N/A
Section 5.2	10608.24(d)(2)	If the retail supplier adjusts its compliance GPCD using weather normalization, economic adjustment, or extraordinary events, it shall provide the basis for, and data supporting the adjustment.	Baselines and Targets	N/A
Section 5.5	10608.22	Retail suppliers' per capita daily water use reduction shall be no less than 5 percent of base daily per capita water use of the 5 year baseline. This does not apply if the suppliers base GPCD is at or below 100.	Baselines and Targets	Part 4 Appendix F-7
Section 5.5 and Appendix E	10608.4	Retail suppliers shall report on their compliance in meeting their water use targets. The data shall be reported using a standardized form in the SBX7-7 2020 Compliance Form.	Baselines and Targets	Part 4 Appendix F-7
Sections 6.1 and 6.2	10631(b)(1)	Provide a discussion of anticipated supply availability under a normal, single dry year, and a drought lasting five years, as well as more frequent and severe periods of drought.	System Supplies	Part 2 Chapter 6 Section 4 Part 2 Chapter 6 Section 5.3 Part 1 Chapter 5
Sections 6.1	10631(b)(1)	Provide a discussion of anticipated supply availability under a normal, single dry year, and a drought lasting five years, as well as more frequent and severe periods of drought, *including changes in supply due to climate change.*	System Supplies	Part 2 Chapter 6 Section 5.3 Part 1 Chapter 5
Section 6.1	10631(b)(2)	When multiple sources of water supply are identified, describe the management of each supply in relationship to other identified supplies.	System Supplies	Part 2 Chapter 6 Section 4 Part 1 Chapter 3
Section 6.1.1	10631(b)(3)	Describe measures taken to acquire and develop planned sources of water.	System Supplies	Part 2 Chapter 6 Section 4.6.2 Part 1 Chapter 3

2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
Section 6.2.8	10631(b)	Identify and quantify the existing and planned sources of water available for 2020, 2025, 2030, 2035, 2040 and optionally 2045.	System Supplies	Part 2 Chapter 6 Section 4.7 Part 1 Chapter 5
Section 6.2	10631(b)	Indicate whether groundwater is an existing or planned source of water available to the supplier.	System Supplies	Part 2 Chapter 6 Section 4.2
Section 6.2.2	10631(b)(4)(A)	Indicate whether a groundwater sustainability plan or groundwater management plan has been adopted by the water supplier or if there is any other specific authorization for groundwater management. Include a copy of the plan or authorization.	System Supplies	Part 2 Chapter 6 Section 4.2 Part 1 Chapter 3
Section 6.2.2	10631(b)(4)(B)	Describe the groundwater basin.	System Supplies	Part 2 Chapter 6 Section 4.2 Part 1 Chapter 3
Section 6.2.2	10631(b)(4)(B)	Indicate if the basin has been adjudicated and include a copy of the court order or decree and a description of the amount of water the supplier has the legal right to pump.	System Supplies	Part 1 Chapter 3 Part 3 Appendix A
Section 6.2.2.1	10631(b)(4)(B)	For unadjudicated basins, indicate whether or not the department has identified the basin as a high or medium priority. Describe efforts by the supplier to coordinate with sustainability or groundwater agencies to achieve sustainable groundwater conditions.	System Supplies	Part 1 Chapter 3
Section 6.2.2.4	10631(b)(4)(C)	Provide a detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years	System Supplies	Part 2 Chapter 6 Section 4.2
Section 6.2.2	10631(b)(4)(D)	Provide a detailed description and analysis of the amount and location of groundwater that is projected to be pumped.	System Supplies	Part 2 Chapter 6 Section 4.7
Section 6.2.7	10631(c)	Describe the opportunities for exchanges or transfers of water on a short-term or long- term basis.	System Supplies	Part 2 Chapter 6 Section 4.6
Section 6.2.5	10633(b)	Describe the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.	System Supplies (Recycled Water)	Part 2 Chapter 6 Section 4.5

2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
Section 6.2.5	10633(c)	Describe the recycled water currently being used in the supplier's service area.	System Supplies (Recycled Water)	Part 2 Chapter 6 Section 4.5.1
Section 6.2.5	10633(d)	Describe and quantify the potential uses of recycled water and provide a determination of the technical and economic feasibility of those uses.	System Supplies (Recycled Water)	Part 2 Chapter 6 Section 4.5 Part 1 Chapter 3
Section 6.2.5	10633(e)	Describe the projected use of recycled water within the supplier's service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected.	System Supplies (Recycled Water)	Part 2 Chapter 6 Section 4.5 Part 1 Chapter 3 Part 4 Appendix F-6
Section 6.2.5	10633(f)	Describe the actions which may be taken to encourage the use of recycled water and the projected results of these actions in terms of acre-feet of recycled water used per year.	System Supplies (Recycled Water)	Part 1 Chapter 3
Section 6.2.5	10633(g)	Provide a plan for optimizing the use of recycled water in the supplier's service area.	System Supplies (Recycled Water)	Part 1 Chapter 3
Section 6.2.6	10631(g)	Describe desalinated water project opportunities for long-term supply.	System Supplies	Part 1 Chapter 3 Section 7
Section 6.2.5	10633(a)	Describe the wastewater collection and treatment systems in the supplier’s service area with quantified amount of collection and treatment and the disposal methods.	System Supplies (Recycled Water)	Part 2 Chapter 6 Section 4.5
Section 6.2.8, Section 6.3.7	10631(f)	Describe the expected future water supply projects and programs that may be undertaken by the water supplier to address water supply reliability in average, single-dry, and for a period of drought lasting 5 consecutive water years.	System Supplies	Part 2 Chapter 6 Section 4.6.2 Part 1 Chapter 7 Part 1 Chapter 3 Part 3 Appendix G
Section 6.4 and Appendix O	10631.2(a)	The UWMP must include energy information, as stated in the code, that a supplier can readily obtain.	System Suppliers, Energy Intensity	Part 2 Chapter 6 Section 4.8 Part 4 Appendix F-6
Section 7.2	10634	Provide information on the quality of existing sources of water available to the supplier and the manner in which water quality	Water Supply Reliability Assessment	Part 2 Chapter 6 Section 4 Part 1 Chapter 3

2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
		affects water management strategies and supply reliability		
Section 7.2.4	10620(f)	Describe water management tools and options to maximize resources and minimize the need to import water from other regions.	Water Supply Reliability Assessment	Part 1 Chapter 3
Section 7.3	10635(a)	Service Reliability Assessment: Assess the water supply reliability during normal, dry, and a drought lasting five consecutive water years by comparing the total water supply sources available to the water supplier with the total projected water use over the next 20 years.	Water Supply Reliability Assessment	Part 2 Chapter 6 Section 5.3 Part 1 Chapter 5
Section 7.3	10635(b)	Provide a drought risk assessment as part of information considered in developing the demand management measures and water supply projects.	Water Supply Reliability Assessment	Part 2 Chapter 6 Section 6
Section 7.3	10635(b)(1)	Include a description of the data, methodology, and basis for one or more supply shortage conditions that are necessary to conduct a drought risk assessment for a drought period that lasts 5 consecutive years.	Water Supply Reliability Assessment	Part 2 Chapter 6 Section 6 Part 1 Chapter 5
Section 7.3	10635(b)(2)	Include a determination of the reliability of each source of supply under a variety of water shortage conditions.	Water Supply Reliability Assessment	Part 2 Chapter 6 Section 6 Part 1 Chapter 5
Section 7.3	10635(b)(3)	Include a comparison of the total water supply sources available to the water supplier with the total projected water use for the drought period.	Water Supply Reliability Assessment	Part 2 Chapter 6 Section 6 Part 1 Chapter 5
Section 7.3	10635(b)(4)	Include considerations of the historical drought hydrology, plausible changes on projected supplies and demands under climate change conditions, anticipated regulatory changes, and other locally applicable criteria.	Water Supply Reliability Assessment	Part 2 Chapter 6 Section 5.1 Part 1 Chapter 5
Chapter 8	10632(a)	Provide a water shortage contingency plan (WSCP) with specified elements below.	Water Shortage Contingency Planning	Part 4 Appendix F-9
Chapter 8	10632(a)(1)	Provide the analysis of water supply reliability (from Chapter 7 of Guidebook) in the WSCP	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 1.0

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Section 8.10	10632(a)(10)	Describe reevaluation and improvement procedures for monitoring and evaluation the water shortage contingency plan to ensure risk tolerance is adequate and appropriate water shortage mitigation strategies are implemented.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 10.0
Section 8.2	10632(a)(2)(A)	Provide the written decision-making process and other methods that the supplier will use each year to determine its water reliability.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 2.0
Section 8.2	10632(a)(2)(B)	Provide data and methodology to evaluate the supplier's water reliability for the current year and one dry year pursuant to factors in the code.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 2.0
Section 8.3	10632(a)(3)(A)	Define six standard water shortage levels of 10, 20, 30, 40, 50 percent shortage and greater than 50 percent shortage. These levels shall be based on supply conditions, including percent reductions in supply, changes in groundwater levels, changes in surface elevation, or other conditions. The shortage levels shall also apply to a catastrophic interruption of supply.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 3.0
Section 8.3	10632(a)(3)(B)	Suppliers with an existing water shortage contingency plan that uses different water shortage levels must cross reference their categories with the six standard categories.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 3.0
Section 8.4	10632(a)(4)(A)	Suppliers with water shortage contingency plans that align with the defined shortage levels must specify locally appropriate supply augmentation actions.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 4.1
Section 8.4	10632(a)(4)(B)	Specify locally appropriate demand reduction actions to adequately respond to shortages.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 4.2
Section 8.4	10632(a)(4)(C)	Specify locally appropriate operational changes.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 4.3
Section 8.4	10632(a)(4)(D)	Specify additional mandatory prohibitions against specific water use practices that are in addition	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 4.3

2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
		to state-mandated prohibitions are appropriate to local conditions.		
Section 8.4	10632(a)(4)(E)	Estimate the extent to which the gap between supplies and demand will be reduced by implementation of the action.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 4.6
Section 8.4.6	10632.5	The plan shall include a seismic risk assessment and mitigation plan.	Water Shortage Contingency Plan	Part 4 Appendix F-9 Section 4.4&4.5
Section 8.5	10632(a)(5)(A)	Suppliers must describe that they will inform customers, the public and others regarding any current or predicted water shortages.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 5.0
Section 8.5 and 8.6	10632(a)(5)(B) 10632(a)(5)(C)	Suppliers must describe that they will inform customers, the public and others regarding any shortage response actions triggered or anticipated to be triggered and other relevant communications.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 5.0
Section 8.6	10632(a)(6)	Retail supplier must describe how it will ensure compliance with and enforce provisions of the WSCP.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 6.0
Section 8.7	10632(a)(7)(A)	Describe the legal authority that empowers the supplier to enforce shortage response actions.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 7.0
Section 8.7	10632(a)(7)(B)	Provide a statement that the supplier will declare a water shortage emergency Water Code Chapter 3.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 7.1
Section 8.7	10632(a)(7)(C)	Provide a statement that the supplier will coordinate with any city or county within which it provides water for the possible proclamation of a local emergency.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 7.2
Section 8.8	10632(a)(8)(A)	Describe the potential revenue reductions and expense increases associated with activated shortage response actions.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 8.0
Section 8.8	10632(a)(8)(B)	Provide a description of mitigation actions needed to address revenue reductions and expense increases associated with activated shortage response actions.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 8.0
Section 8.8	10632(a)(8)(C)	Retail suppliers must describe the cost of compliance with Water Code Chapter 3.3: Excessive Residential Water Use During Drought	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 8.0

2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
Section 8.9	10632(a)(9)	Retail suppliers must describe the monitoring and reporting requirements and procedures that ensure appropriate data is collected, tracked, and analyzed for purposes of monitoring customer compliance.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 9.0
Section 8.11	10632(b)	Analyze and define water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 4.0
Sections 8.12 and 10.4	10635(c)	Provide supporting documentation that Water Shortage Contingency Plan has been, or will be, provided to any city or county within which it provides water, no later than 30 days after the submission of the plan to DWR.	Plan Adoption, Submittal, and Implementation	Part 4 Appendix F-9 Section 11.0
Section 8.14	10632(c)	Make available the Water Shortage Contingency Plan to customers and any city or county where it provides water within 30 after adopted the plan.	Water Shortage Contingency Planning	Part 4 Appendix F-9 Section 11.0
Sections 9.1 and 9.3	10631(e)(2)	Wholesale suppliers shall describe specific demand management measures listed in code, their distribution system asset management program, and supplier assistance program.	Demand Management Measures	N/A
Sections 9.2 and 9.3	10631(e)(1)	Retail suppliers shall provide a description of the nature and extent of each demand management measure implemented over the past five years. The description will address specific measures listed in code.	Demand Management Measures	Part 2 Chapter 6 Section 8
Chapter 10	10608.26(a)	Retail suppliers shall conduct a public hearing to discuss adoption, implementation, and economic impact of water use targets (recommended to discuss compliance).	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9
Section 10.2.1	10621(b)	Notify, at least 60 days prior to the public hearing, any city or county within which the supplier provides water that the urban water supplier will be reviewing the plan and considering amendments or	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9 Part 4 Appendix F-6 DWR Tables

2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
		changes to the plan. Reported in Table 10-1.		
Section 10.4	10621(f)	Each urban water supplier shall update and submit its 2020 plan to the department by July 1, 2021.	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9
Sections 10.2.2, 10.3, and 10.5	10642	Provide supporting documentation that the urban water supplier made the plan and contingency plan available for public inspection, published notice of the public hearing, and held a public hearing about the plan and contingency plan.	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9 Part 4 Appendix F-2 Public Outreach
Section 10.2.2	10642	The water supplier is to provide the time and place of the hearing to any city or county within which the supplier provides water.	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9
Section 10.3.2	10642	Provide supporting documentation that the plan and contingency plan has been adopted as prepared or modified.	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9
Section 10.4	10644(a)	Provide supporting documentation that the urban water supplier has submitted this UWMP to the California State Library.	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9
Section 10.4	10644(a)(1)	Provide supporting documentation that the urban water supplier has submitted this UWMP to any city or county within which the supplier provides water no later than 30 days after adoption.	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9
Sections 10.4.1 and 10.4.2	10644(a)(2)	The plan, or amendments to the plan, submitted to the department shall be submitted electronically.	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9
Section 10.5	10645(a)	Provide supporting documentation that, not later than 30 days after filing a copy of its plan with the department, the supplier has or will make the plan available for public review during normal business hours.	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9
Section 10.5	10645(b)	Provide supporting documentation that, not later than 30 days after filing a copy of its water shortage contingency plan with the department, the supplier has or will make the plan available for public review during normal business hours.	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9

2020 Guidebook Location	Water Code Section	Summary as Applies to UWMP	Subject	2020 UWMP Location (Optional Column for Agency Review Use)
Section 10.6	10621(c)	If supplier is regulated by the Public Utilities Commission, include its plan and contingency plan as part of its general rate case filings.	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9
Section 10.7.2	10644(b)	If revised, submit a copy of the water shortage contingency plan to DWR within 30 days of adoption.	Plan Adoption, Submittal, and Implementation	Part 2 Chapter 6 Section 9

F-2: Public Outreach

SAN BERNARDINO Valley MUNICIPAL WATER DISTRICT

380 East Vanderbilt Way
San Bernardino, CA 92408
phone: 909.387.9200
fax: 909.387.9247
www.sbvmwd.com

March 23, 2021

Delivered via Email

Subject: 2020 Integrated Regional Urban Water Management Plan for the Upper Santa Ana River Watershed

Dear Regional Stakeholder:

Notice is hereby given that the San Bernardino Valley Municipal Water District (Valley District) and its partners (Participating Agencies) are in the process of preparing the 2020 Upper Santa Ana River Watershed Integrated Regional Urban Water Management Plan (2020 IRUWMP). The 2020 IRUWMP updates and merges the 2015 Upper Santa Ana River Watershed Integrated Regional Water Management Plan (2015 IRWMP) and the 2015 San Bernardino Valley Regional Urban Water Management Plan (2015 RUWMP) into a single comprehensive document for guiding water resource management for the Upper Santa Ana River Watershed, the first of its kind in California.

The 2020 IRUWMP is being developed in compliance with the Urban Water Management Planning Act, the Integrated Regional Water Management Planning Act, and other applicable laws and regulations. All of the agencies participating in the development of the 2020 IRUWMP are listed in the table on the following page, along with an indication of whether the 2020 IRUWMP serves as that agency's 2020 UWMP.

Water Code section 10621(b) requires an urban water supplier updating its UWMP to notify cities and counties within its service area of the update at least sixty (60) days prior to holding a public hearing. This letter serves as notice that the Participating Agencies that are using the 2020 IRUWMP as their 2020 Urban Water Management Plan (referred to hereafter as Participating UWMP Agencies), plan to adopt and submit the 2020 IRUWMP to the California Department of Water Resources by the July 1, 2021 deadline. The Participating UWMP Agencies will also be adopting their respective updated Water Shortage Contingency Plans (WSCPs) as part of the 2020 IRUWMP.

A draft of the 2020 IRUWMP, which will include the WSCPs for each of the Participating UWMP Agencies, will be available for public review on the Participating UWMP Agencies websites starting in May 2021 and each one will hold an individual public hearing on their respective chapters of the 2020 IRUWMP and WSCP, in advance of their adoption in May or June 2021. The public hearings will be noticed and announced by each Participating UWMP Agency's public meeting agenda; each agency's web site address is shown in the table on the following page.

Participating Agency	2020 IRUWMP serves as Agency 2020 UWMP?	Agency Website
Big Bear City Community Services District	No	www.bbccsd.org
City of Big Bear Lake Department of Water	No	www.bbldwp.com
City of Colton	**Yes**	www.ci.colton.ca.us
City of Loma Linda	**Yes**	www.lomalinda-ca.gov
City of Redlands	**Yes**	www.cityofredlands.org
City of Rialto	**Yes**	www.rialtoca.gov
City of San Bernardino Municipal Water Department	**Yes**	www.sbmwd.org
East Valley Water District	**Yes**	www.eastvalley.org
Elsinore Valley Municipal Water District	No	www.evmwd.com
Fontana Water Company	No	www.fontanawater.com
Riverside Highland Water Company	**Yes**	www.rhwco.com
Riverside Public Utilities	No	www.riversideca.gov/utilities
San Bernardino County Flood Control District	UWMP not required	cms.sbcounty.gov/dpw
San Bernardino Valley Municipal Water District	**Yes**	www.sbvmwd.com
San Bernardino Valley Water Conservation District	UWMP not required	www.sbvwcd.org
San Gorgonio Pass Water Agency	No	www.sgpwa.com
South Mesa Water Company	**Yes**	southmesawater.com
West Valley Water District	**Yes**	www.wvwd.org
Western Municipal Water District	No	www.wmwd.com
Yucaipa Valley Water District	**Yes;** separate notice also provided	www.yvwd.dst.ca.us

Valley District and our regional partners invite you to submit comments and consult with Valley District or any of the agencies regarding the preparation of the 2020 IRUWMP. If you have any input for the 2020 IRUWMP or require additional information, please contact me directly at (909) 387-9230 or by email at matth@sbvmwd.com.

Sincerely,

Matthew Howard

Matthew Howard
Water Resources Senior Project Manager
San Bernardino Valley Municipal Water District

SAN BERNARDINO Valley MUNICIPAL WATER DISTRICT

380 East Vanderbilt Way
San Bernardino, CA 92408
phone: 909.387.9200
fax: 909.387.9247
www.sbvmwd.com

June 1, 2021

Delivered via Email

Subject: Notice of Public Hearings for the 2020 Integrated Regional Urban Water Management Plan for the Upper Santa Ana River Watershed

Dear Regional Stakeholder:

Notice is hereby given that the San Bernardino Valley Municipal Water District (Valley District) and its partners (Participating Agencies) are in the process of preparing the 2020 Upper Santa Ana River Watershed Integrated Regional Urban Water Management Plan (2020 IRUWMP). The 2020 IRUWMP updates and merges the 2015 Upper Santa Ana River Watershed Integrated Regional Water Management Plan (2015 IRWMP) and the 2015 San Bernardino Valley Regional Urban Water Management Plan (2015 RUWMP) into a single comprehensive document for guiding water resource management for the Upper Santa Ana River Watershed, the first of its kind in California. The 2020 IRUWMP is being developed in compliance with the Urban Water Management Planning Act, the Integrated Regional Water Management Planning Act, and other applicable laws and regulations.

This letter serves as notice that the Participating Agencies that are using the 2020 IRUWMP as their 2020 Urban Water Management Plan (referred to hereafter as Participating UWMP Agencies), plan to adopt and submit their respective portions of the 2020 IRUWMP to the California Department of Water Resources by the July 1, 2021 deadline. The Participating UWMP Agencies will also be adopting their respective updated Water Shortage Contingency Plans (WSCPs) as part of the 2020 IRUWMP.

A draft of the 2020 IRUWMP, which includes the WSCPs for each of the Participating UWMP Agencies, is available for review at **www.IRUWMP2020.com** and on the websites of each Participating UWMP Agency.

Each Participating UWMP Agency will hold an individual public hearing on their respective portions of the 2020 IRUWMP and their WSCP, in advance of their adoption. The dates, times and locations of the public hearings are shown in the table on the following page.

Participating UWMP Agency	Agency Website	Public Hearing Date and Time	Public Hearing Location
City of Colton	www.ci.colton.ca.us	June 15, 2021 at 6 pm	Virtual (see website for access information)
City of Loma Linda	www.lomalinda-ca.gov	June 29, 2021 at 7 pm	25541 Barton Road Loma Linda, California
City of Redlands	www.cityofredlands.org	June 15, 2021 at 6 pm	City Council Chambers 35 Cajon Street Redlands, California
City of Rialto	www.rialtoca.gov	June 22, 2021 at 6:30 pm	150 S. Palm Ave Rialto, California and virtual (see website for access information)
City of San Bernardino Municipal Water Department	www.sbmwd.org	June 22, 2021 at 9:30 am	Virtual (see website for access information)
East Valley Water District	www.eastvalley.org	June 23, 2021 at 5:30 pm	Virtual (see website for access information)
Riverside Highland Water Company	www.rhwco.com	June 24, 2021 at 9 am	Virtual (see website for access information)
San Bernardino Valley Municipal Water District	www.sbvmwd.com	June 15, 2021 at 2 pm	Virtual (see website for access information)
South Mesa Water Company	southmesawater.com	June 18, 2021 at 9am	391 W. Avenue L Calimesa, California
West Valley Water District	www.wvwd.org	June 17, 2021 at 7 pm	Virtual (see website for access information)
Yucaipa Valley Water District	www.yvwd.dst.ca.us	June 22, 2021 at 4 pm	Virtual (see website for access information)

Valley District and our regional partners invite you to submit comments and consult with Valley District or any of the agencies regarding the preparation of the 2020 IRUWMP. If you have any input for the 2020 IRUWMP or require additional information, please contact me directly at (909) 387-9230 or by email at matth@sbvmwd.com.

Sincerely,

Matthew Howard

Matthew Howard
Water Resources Senior Project Manager
San Bernardino Valley Municipal Water District

Agency	Prefix	First Name	Last Name	Title	E-mail address
BBCCSD		Mary	Reeves	General Manager	mreeves@bbccsd.org
BBCCSD		Jerry	Griffith		jgriffith@bbccsd.org
BBLDWP		Sierra	Orr		sorr@bbldwp.com
BBLDWP		Reggie	Lamson	General Manager	RLamson@bbldwp.com
Bear Valley Mutual Water Company	Mr.	Bob	Martin	General Manager	remartinpe@gmail.com
Beaumont-Cherry Valley Water District	Mr.	Dan	Jaggers	General Manager	dan.jaggers@bcvwd.org
Big Bear Area Regional Wastewater Agency		David	Lawrence	General Manager	dlawrence@bbarwa.org
Big Bear Municipal Water District		Mike	Stephenson	General Manager	mstephenson@bbmwd.net
Cal. State San Bernardino/Water Resources Institute	Ms.	Suzie	Earp	Interim Director	earps@csusb.edu
California Regional Water Quality Control Board, Santa Ana Region	Ms.	Hope	Smythe	Executive Officer	Hope.Smythe@waterboards.ca.gov
California State Water Resources Control Board, Division of Drinking Water	Mr.	Sean	McCarthy	Chief	Sean.McCarthy@waterboards.ca.gov
City of Banning	Mr.	Art	Vela	Public Works Director	avela@ci.banning.ca.us
City of Beaumont	Ms.	Elizabeth	Gibbs	City Manager	egibbs@beaumontcares.com
City of Big Bear Lake	Ms.	Susan	O'Strander	Director of Planning & Inspections	sostrander@citybigbearlake.com
City of Calimesa	Ms.	Bonnie	Johnson	City Manager	bjohnson@cityofcalimesa.net
City of Colton	Mr.	Mike	Cory	Water Utility Manager	mcory@ci.colton.ca.us
City of Colton	Mr.	Mark	Tomich	Development Services Director	mtomich@ci.colton.ca.us
City of Colton		Jessica	Sutorus		jsutorus@ci.colton.ca.us
City of Colton		Robert	DeLoach		rdeloach@coltonca.gov
City of Corona	Ms.	Joanne	Coletta	Community Development Director	Joanne.Coletta@ci.corona.ca.us
City of Eastvale	Mr.	Gustavo	Gonzalez	Planning Manager	ggonzalez@eastvaleca.gov
City of Fontana	Mr.	Orlando	Hernandez	Planning Manager	ohernandez@fontana.org
City of Grand Terrace	Mr.	Craig	Bradshaw	Public Works Director	cbradshaw@grandterrace-ca.gov
City of Highland	Mr.	Lawrence	Mainez	Community Development Director	lmainez@cityofhighland.org
City of Jurupa Valley	Mr.	Gary	Thompson	City Manager	gthompson@jurupavalley.org
City of Jurupa Valley	Mr.	Thomas	Merrell	Planning Director	tmerrell@jurupavalley.org
City of Lake Elsinore	Mr.	Grant	Taylor	Community Development Director	gtaylor@lake-elsinore.org
City of Loma Linda	Mr.	Russ	Handy		rhandy@lomalinda-ca.gov
City of Loma Linda	Mr.	Konrad	Bolowich	Assistant City Manager	kbolowich@lomalinda-ca.gov
City of Loma Linda	Mr.	T. Jarb	Thaipejr	City Manager	jthaipejr@lomalinda-ca.gov
City of Loma Linda		Gabriel	Orozco		gorozco@lomalinda-ca.gov
City of Loma Linda		Kirk	Mayo		kmayo@lomalinda-ca.gov
City of Loma Linda		Dennis	Bolt		dbolt@lomalinda-ca.gov
City of Murrieta	Mr.	Jarrett	Ramaiya	City Planner	jramaiya@MurrietaCA.gov

Agency	Prefix	First Name	Last Name	Title	E-mail address
City of Norco	Mr.	Steve	King	Planning Director	Sking@ci.norco.ca.us
City of Redlands	Mr.	John	Harris	Municipal Utilities and Engineering Director	jharris@cityofredlands.org
City of Redlands	Mr.	Brian	Foote	City Planner	bfoote@cityofredlands.org
City of Redlands	Ms.	Cecilia	Griego	Water Resource Specialist	cgriego@cityofredlands.org
City of Redlands		Ross	Wittman		rwittman@cityofredlands.org
City of Redlands		Kevin	Watson		kwatson@cityofredlands.org
City of Redlands		Lauren	Miracle		lmiracle@cityofredlands.org
City of Rialto	Mr.	Tom	Crowley	Utilities Manager	tjcrowley@rialtoca.gov
City of Rialto	Ms.	Karen	Peterson	Acting Community Development Director	kpeterson@rialtoca.gov
City of Rialto		Susanne	Wilcox		swilcox@rialtoca.gov
City of Riverside	Mr.	David	Welch	Community and Economic Development Director	cddInfo@riversideca.gov
City of San Bernardino	Mr.	Oliver	Mujica	Planning Division Manager	Mujica_Ol@sbcity.org
City of San Bernardino	Mr.	Michael	Huntley	Community Development Director	Persico_Ma@sbcity.org
City of Temecula	Mr.	Luke	Watson	Director of Community Development	Luke.Watson@cityoftemecula.org
City of Yucaipa	Mr.	Ray	Casey	City Manager	rcasey@yucaipa.org
County of Riverside	Mr.	Steve	Weiss	Planning Director	sweiss@rctlma.org
County of San Bernardino	Mr.	David	Doublet	Director of Public Works	ddoublet@dpw.sbcounty.gov
County of San Bernardino		Terri	Rahhal	Director, Land Use Services Department	Terri.Rahhal@lus.sbcounty.gov
County of San Bernardino	Mr.	Kevin	Blakeslee	Chief Public Works Engineer	kblakeslee@dpw.sbcounty.gov
Crafton Hills College	Mr.	Kevin	Horan	President	khoran@sbccd.cc.ca.us
East Valley Water District	Mr.	John	Mura	General Manager	jmura@eastvalley.org
East Valley Water District		Jeff	Noelte		jnoelte@eastvalley.org
East Valley Water District		Jason	Wolf		jwolf@eastvalley.org
East Valley Water District		Nathan	Carlson		ncarlson@eastvalley.org
Elsinore Valley Municipal Water District	Mr.	Greg	Thomas	General Manager	gthomas@evmwd.net
Elsinore Valley Municipal Water District		Jesus	Gastelum		jgastelum@evmwd.net
Fontana Water Company	Mr.	Josh	Swift	General Manager	jmswift@fontanawater.com
Fontana Water Company		Cris	Fealy		cifealy@fontanawater.com
Inland Empire Resources Conservation District	Ms.	Mandy	Parkes	District Manager	info@iercd.org
Jurupa Community Services District	Mr.	Chris	Berch	General Manager	cberch@JCSD.US
Land Engineering (South Mesa Water Company)		Dan	Haskins		dan@lecincorporated.com
Metropolitan Water District of Southern California	Mr.	Edgar	Fandialan	Water Resources Management Group	efandialan@mwdh2o.com

Agency	Prefix	First Name	Last Name	Title	E-mail address
Muscoy Mutual Water Company	Mr.	Rudy	Garcia	Supervisor	rgarcia.mmwc@verizon.net
Muscoy Mutual Water Company	Ms.	Kathy	Halsey	General Manager	kathyhalseymuscoywater@verizon.net
Rialto Water Services, LLC	Mr.	Todd	Brown	General Manager	tbrown@t-rockcap.com
Riverside Highland Water Co.		Jennifer	Gimpel		jgimpel@rhwco.com
Riverside Highland Water Company	Mr.	Don	Hough	General Manager	dhough@rhwco.com
Riverside Local Agency Formation Commission (LAFCO)	Mr.	Gary	Thompson	Executive Officer	gthompson@lafco.org
Riverside Public Utilities	Mr.	Todd	Corbin	General Manager	tcorbin@riversideca.gov
Riverside Public Utilities	Mr.	Todd	Jorgenson	Assistant General Manager - Water	tjorgenson@riversideca.gov
Riverside Public Utilities		Leo	Ferrando		LFerrando@riversideca.gov
Riverside Public Utilities		Michael	Plinski		MPlinski@riversideca.gov
Riverside Public Utilities		Greg	Herzog		GHerzog@riversideca.gov
Riverside Public Utilities		Farid	Boushaki		FBoushaki@riversideca.gov
Rubidoux Community Services District	Mr.	Jeff	Sims	General Manager	jsims@rcsd.org
San Bernardino County Flood Control District		Michael	Fam		mfam@dpw.sbcounty.gov
San Bernardino County Flood Control District		Alan	Frost		Alan.Frost@dpw.sbcounty.gov
San Bernardino County Local Agency Fomation Commission (LAFCO)	Mr.	Samuel	Martinez	Executive Officer	smartinez@lafco.sbcounty.gov
San Bernardino Municipal Water Department	Mr.	Miguel	Guerrero	General Manager	Miguel.Guerrero@sbmwd.org
San Bernardino Municipal Water Department		Steve	R Miller		Steve.Miller@sbmwd.org
San Bernardino Municipal Water Department		Devin	Arciniega		devin.arciniega@sbmwd.org
San Bernardino Municipal Water Department		Ted	Brunson		Ted.Brunson@sbmwd.org
San Bernardino Municipal Water Department		Francisco	Lopez-Jimenez		francisco.jimenez@sbmwd.org
San Bernardino Municipal Water Department		Jonathon	Schoenen		jonathon.schoenen@sbmwd.org
San Bernardino Municipal Water Department		Warren	Huang		warren.huang@sbmwd.org
San Bernardino Valley Municipal Water District	Mr.	Adekunle	Ojo	Water Resource Manager	AdekunleO@sbvmwd.com
San Bernardino Valley Municipal Water District		Matt	Howard		matth@sbvmwd.com
San Bernardino Valley Municipal Water District		Bob	Tincher		bobt@sbvmwd.com
San Bernardino Valley Water Conservation District	Mr.	Daniel	Cozad	General Manager	DCozad@sbvwcd.org
San Bernardino Valley Water Conservation District		Katelyn	Scholte		KScholte@sbvwcd.org
San Gorgonio Pass Water Agency	Mr.	Lance	Eckhart	General Manager	leckhart@sgpwa.com
San Gorgonio Pass Water Agency		Cheryle	Stiff		cstiff@sgpwa.com
Santa Ana Watershed Project Authority	Mr.	Jeff	Mosher	General Manager	jmosher@sawpa.org
South Mesa Water Company	Mr.	David	Armstrong	General Manager	darmstrong@southmesawater.com
Terrace Water Company	Mr.	Toby	Ritarita	General Manager	tobiterracewater@gmail.com

Agency	Prefix	First Name	Last Name	Title	E-mail address
United States Forest Service		Jody	Noiron	Forest Supervisor, San Bernardino National Forest	jody.noiron@usda.gov
United States Forest Service	Ms	Ellen	Shaw	Forest Supervisor, San Bernardino National Forest	ellen.shaw@usda.gov
West Valley Water District	Mr.	Shamindra	Manbahal	Acting General Manager	smanbahal@wvwd.org
West Valley Water District		Linda	Jadeski		ljadeski@wvwd.org
West Valley Water District		Daniel	Guerra		dguerra@wvwd.org
Western Heights Mutual Water Company	Mr.	Mark	Iverson	General Manager	m.iverson@westernheightswater.org
Western Municipal Water District	Mr.	Ryan	Shaw	Director of Water Resources	rshaw@wmwd.com
WMWD		Jason	Pivovaroff		jpivovaroff@wmwd.com
WMWD		Melissa	Matlock		mmatlock@wmwd.com
Yucaipa Valley Water District	Mr.	Joseph	Zoba	General Manager	jzoba@yvwd.dst.ca.us
Yucaipa Valley Water District		Jennifer	Ares		jares@yvwd.us
Yucaipa Valley Water District		Madeline	Blua		mblua@yvwd.us
Yucaipa Valley Water District		Ashley	Gibson		agibson@yvwd.us
Yucaipa Valley Water District		Mike	Kostelecky		mkostelecky@yvwd.us
Yucaipa-Calimesa Joint Unified School District	Ms.	Cali	Binks	Superintendent	cali_binks@ycjusd.us
San Manuel Band of Mission Indians		Alexander	Sephton		alexander.sephton@sanmanuel-nsn.gov
San Manuel Band of Mission Indians		Peter	Mateo		peter.mateo@sanmanuel-nsn.gov

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31111 GREENSPOT ROAD
HIGHLAND, CA - 92346

SB #: 3479088

PROOF OF PUBLICATION

(2015.5 C.C.P.)

State of California)
County of SAN BERNARDINO) ss

Notice Type: HRGSB - NOTICE OF HEARING-SB

Ad Description:

UWMP and WSCP June 23rd Public Hearing

I am a citizen of the United States and a resident of the State of California; I am over the age of eighteen years, and not a party to or interested in the above entitled matter. I am the principal clerk of the printer and publisher of the SAN BERNARDINO COUNTY SUN, a newspaper published in the English language in the city of SAN BERNARDINO, county of SAN BERNARDINO, and adjudged a newspaper of general circulation as defined by the laws of the State of California by the Superior Court of the County of SAN BERNARDINO, State of California, under date 06/27/1952, Case No. 73081. That the notice, of which the annexed is a printed copy, has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to-wit:

06/09/2021, 06/16/2021

Executed on: 06/16/2021
At Riverside, California

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

Signature

Email

* A 0 0 0 0 0 0 5 7 5 0 8 1 4 *

EAST VALLEY WATER DISTRICT NOTICE OF PUBLIC HEARING 2020 Integrated Regional Urban Water Management Plan and Water Shortage Contingency Plan NOTICE IS HEREBY GIVEN that the East Valley Water District (EVWD) will hold a Public Hearing in conjunction with the regularly scheduled board meeting on Wednesday, JUNE 23, 2021 at 5:30 PM, at the East Valley Water District headquarters located at 31111 Greenspot Road, Highland, California. In an effort to prevent the spread of COVID-19 and in accordance with Governor Newsom's Executive Order N-25-20 and N-29-20, this meeting is being conducted via teleconference. There will be no public location for attending this meeting in person. The purpose of this hearing will be to receive public comments and consider adoption of the Draft 2020 Upper Santa Ana Watershed Integrated Regional Urban Water Management Plan (2020 IRUWMP) and Draft Water Shortage Contingency Plan (WSCP). Following the public hearing, the EVWD's Board of Directors may adopt the Draft 2020 IRUWMP and Draft WSCP with recommended modifications, if any, as a result of public input. The Draft 2020 IRUWMP provides a comprehensive guide for water resource management for the Upper Santa Ana River Watershed and documents EVWD's plans to ensure adequate water supplies to meet existing and future demands under a range of water supply conditions, including water shortages. The Draft WSCP documents EVWD's plans to manage and mitigate an actual water shortage condition, should one occur because of drought or other impacts on water supplies. All interested persons are invited to review the Draft 2020 IRUWMP and Draft WSCP therefore, copies of which will be available for download at eastvalley.org or available for public inspection during regular business hours at the headquarters of the East Valley Water District located at 31111 Greenspot Road, Highland California, ten (10) days prior to the above meeting. Please provide written comments on the Draft 2020 IRUWMP documents to Nathan Carlson, Senior Engineer at ncarlson@eastvalley.org prior to June 23, 2021. If you have any questions regarding EVWD's 2020 IRUWMP or WSCP or the public hearing, please contact Nathan Carlson at (909) 888-8986 or

ncarlson@eastvalley.org. Attest:
Justine Hendricksen District Clerk
6/9, 6/16/21

SBS-3479088#

F-3: Resolutions

RESOLUTION NO. 2021.11

RESOLUTION OF THE BOARD OF DIRECTORS OF EAST VALLEY WATER DISTRICT ADOPTING THE 2020 UPPER SANTA ANA RIVER WATERSHED INTEGRATED REGIONAL URBAN WATER MANAGEMENT PLAN

WHEREAS, the East Valley Water District and other water managers in the upper Santa Ana River watershed have long recognized the importance of regional collaboration and integration of single purpose efforts and regularly work across jurisdictional boundaries to implement regional multi-benefit projects and programs that address multiple water resource management issues, including local and imported water supplies, recycled water, stormwater management, groundwater management, water use efficiency, habitat and open space management, and many others; and

WHEREAS, the State lawmakers created the Integrated Regional Water Management Planning Act (IRWM Act) in 2002 to encourage integrated, regional strategies for managing water resources; and

WHEREAS, in 2005, 16 agencies in the upper Santa Ana River watershed decided to develop the region's first IRWM Plan (IRWMP) to collaborate on regional water management issues; and

WHEREAS, the Upper Santa Ana River Watershed IRWMP was completed in 2007 and updated in 2015; and

WHERAS, the East Valley Water District participated in the development of the 2007 and 2015 IRWMPs and adopted the 2007 and 2015 IRWMPs; and

WHEREAS, the IRWMP established an update schedule of every five years and is due to be updated; and

WHERAS, the California Department of Water Resources (DWR) has established Program Guidelines for the IRWM Program, which were most recently updated in 2016 (2016 IRWM Guidelines); and

WHEREAS, The California Urban Water Management Planning Act, Water Code Section 10610 et seq. (UWMP 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 an Urban Water Management Plan (UWMP); and

WHEREAS, the East Valley Water District meets the definition of an urban water supplier for purposes of the UWMP Act; and

WHEREAS, the UWMP Act requires that said UWMP be updated and adopted at least once every five years on or before July 1, in years ending in six and one; and

WHERAS, the UWMP Act allows for water suppliers to work together to develop a cooperative regional UWMP and in 2010 and 2015, the San Bernardino Valley Regional UWMP (RUWMP) was prepared by ten different water suppliers to collectively meet the requirements of the UMWP Act; and

WHERAS, the East Valley Water District participated in the 2010 and 2015 RUWMP; and

WHERAS, both the IRWMP and RUWMP are both due to be updated; and

WHERAS, the East Valley Water District and nineteen other water suppliers and water management organizations in the upper Santa Ana River watershed decided to combine the IRWMP and the RUWMP into a single comprehensive planning document known as the 2020 Upper Santa Ana River Watershed Integrated Regional Urban Water Management Plan (IRUWMP) which is the first of its kind in California; and

WHERAS, valuable synergies are realized by combining these two documents into one, including reduced preparation costs, a single integrated dataset, a consolidated reference document, enhanced collaboration, and more robust integrated planning and decision-making; and

WHERAS, the 2020 IRUWMP document is organized into four parts: Part 1 – Regional Context, Part 2 – Individual Agency UWMPs, Part 3 – Regional Supporting Information and Part 4 – Individual Agency Supporting Information; and

WHEREAS, as a participant in the 2020 IRUWMP, the East Valley Water District has prepared those portions of the IRUWMP applicable to the East Valley Water District

to meet the requirements of the IRWM Act, the UWMP Act and other applicable laws and regulations which include Part 1, Part 2 Chapter 6: East Valley Water District UWMP, Part 3, and Part 4 Appendix F: East Valley Water District Supporting Information; and

WHEREAS, in accordance with applicable legal requirements, the East Valley Water District has undertaken certain coordination, notice, public involvement, public comment, and other procedures in relation to the 2020 IRUWMP; and

WHEREAS, in accordance with the UWMP Act, The East Valley Water District has prepared the 2020 IRUWMP with staff from its own agency, with the assistance of consulting professionals, and in cooperation with other governmental agencies, and has utilized and relied upon industry standards and the expertise of industry professionals in preparing its 2020 IRUWMP, and has also utilized the DWR Guidebook for Urban Water Suppliers to Prepare 2020 Urban Water Management Plans, including its related appendices and the 2016 IRWM Guidelines; and

WHEREAS, in accordance with applicable law, a Notice of a Public Hearing regarding the East Valley Water District's adoption of Part 1, Part 2 Chapter 6, Part 3 and Part 4 Appendix F of the 2020 IRUWMP was published within the jurisdiction of the East Valley Water District on June 9, 2021 and June 16, 2021; and

WHEREAS, in accordance with applicable law, including but not limited to Water Code sections 10608.26 and 10642, a public hearing was held on June 23, 2021 at 5:30 pm, or soon thereafter, virtually via Microsoft Teams, 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 2020 IRUWMP and issues related thereto; and

WHEREAS, pursuant to said public hearing on the 2020 IRUWMP, The East Valley Water District, among other things, encouraged the active involvement of diverse social, cultural, and economic members of the community within the East Valley Water District's service area with regard to the preparation of the Plan, encouraged community input regarding the 2020 IRUWMP; and

WHEREAS, the Board of Directors has reviewed and considered the purposes and requirements of the IRWM Act and the UWMP Act, the contents of the 2020 IRUWMP, and

the documentation contained in the administrative record in support of the 2020 IRUWMP, and has determined that the factual analyses and conclusions set forth in the 2020 IRUWMP are legally sufficient; and

WHEREAS, the Board of Directors desires to adopt Part 1, Part 2 Chapter 6, Part 3 and Part 4, Appendix F of the 2020 IRUWMP in order to comply with the IRWM Act and UWMP Act.

NOW THEREFORE BE IT RESOLVED, the Board of Directors of East Valley Water District hereby resolve as follows:

1. Part 1, Part 2 Chapter 6, Part 3 and Part 4 Appendix F of the 2020 IRUWMP is hereby adopted as amended by changes incorporated by the Board of Directors as a result of input received (if any) at the public hearing and ordered filed with the Secretary of the Board of Directors;

2. The General Manager/CEO is hereby authorized and directed to include a copy of this Resolution in the East Valley Water District's 2020 IRUWMP;

3. The General Manager/CEO is hereby authorized and directed, in accordance with Water Code sections 10621(d) and 10644(a)(1)-(2), to electronically submit a copy of the East Valley Water District portions of the 2020 IRUWMP to DWR no later than July 1, 2021;

4. The General Manager/CEO is hereby authorized and directed, in accordance with Water Code section 10644(a), to submit a copy of the 2020 IRUWMP to the California State Library, and any city of county within which the East Valley Water District provides water supplies no later than thirty (30) days after this adoption date;

5. The General Manager/CEO is hereby authorized and directed, in accordance with Water Code section 10645, to make the 2020 IRUWMP available for public review at The East Valley Water District offices during normal business hours and on East Valley Water District website no later than thirty (30) days after filing a copy of the 2020 IRUWMP with DWR;

6. The General Manager/CEO is hereby authorized and directed, in accordance with Water Code Section 10635(b), to provide that portion of the 2020 IRUWMP prepared pursuant to Water Code Section 10635(a) to any city or county within which the East Valley

Water District provides water supplies no later than sixty (60) days after submitting a copy to DWR;

7. The General Manager/CEO is hereby authorized and directed to implement the 2020 Plan in accordance with the IRWM Act and UWMP Act and to provide recommendations to the Board of Directors regarding the necessary budgets, procedures, rules, regulations, or further actions to carry out the effective and equitable implementation of the 2020 IRUWMP in collaboration with the regional partners.

ADOPTED, this 23rd day of June 2021.

ROLL CALL:
Ayes: Directors: Carrillo, Coats, Goodrich, Morales, Smith
Noes: None
Absent: None
Abstain: None

David E. Smith,
Board President

ATTEST:

John Mura,
Board Secretary

June 23, 2021

I HEREBY CERTIFY that the foregoing is a full, true and correct copy of Resolution 2021.11 adopted by the Board of Directors of East Valley Water District at its Regular Meeting held June 23, 2021.

John Mura,
Secretary, Board of Directors

F-4: Agreements

Not used. East Valley Water District does not have any relevant agreements referenced in their UWMP.

F-5: DWR Population Tool Output

WUEdata - East Valley Water District

Sign Out

Please print this page to a PDF and include as part of your UWMP submittal.

Confirmation Information

Generated By	Water Supplier Name	Confirmation #	Generated On
Aaron Morland	East Valley Water District	8906827628	3/19/2021 3:04:21 PM

Boundary Information

Census Year	Boundary Filename	Internal Boundary ID
1990	Service Area Pre 2010.kml	523
2000	Service Area Pre 2010.kml	523
2010	EVWD04112016.kml	1002
1990	Service Area Pre 2010.kml	523
2000	Service Area Pre 2010.kml	523
2010	EVWD04112016.kml	1002
1990	Service Area Pre 2010.kml	523
2000	Service Area Pre 2010.kml	523
2010	EVWD04112016.kml	1002
1990	Service Area Pre 2010.kml	523
2000	Service Area Pre 2010.kml	523
2010	EVWD04112016.kml	1002

Baseline Period Ranges

10 to 15-year baseline period

Number of years in baseline period:	10
Year beginning baseline period range:	1999
Year ending baseline period range[1]:	2008

5-year baseline period

Year beginning baseline period range:	2004
Year ending baseline period range[2]:	2008

[1] The ending year must be between December 31, 2004 and December 31, 2010.

[2] The ending year must be between December 31, 2007 and December 31, 2010.

Persons per Connection

Year	Census Block Level Total Population	Number of Connections *	Persons per Connection
1990	74,528		5.08
1991	-	-	5.08
1992	-	-	5.07
1993	-	-	5.06
1994	-	-	5.06
1995	-	-	5.05
1996	-	-	5.04
1997	-	-	5.04
1998	-	-	5.03
1999	-	-	5.02
2000	84,764	16899	5.02
2001	-	-	5.01
2002	-	-	5.01
2003	-	-	5.00
2004	-	-	4.99
2005	-	-	4.98
2006	-	-	4.98
2007	-	-	4.97
2008	-	-	4.96
2009	-	-	4.96
2010	99,654	20137	4.95
2011	-	-	5.02
2012	-	-	5.02
2013	-	-	5.02
2014	-	-	5.02
2015	-	-	5.02
2020	-	-	4.88 **

Population Using Persons-Per-Connection

Year		Number of Connections *	Persons per Connection	Total Population
10 to 15 Year Baseline Population Calculations				
Year 1	1999	17203	5.02	86,404
Year 2	2000	16899	5.02	84,764
Year 3	2001	16899	5.01	84,715
Year 4	2002	17636	5.01	88,286
Year 5	2003	18946	5.00	94,711
Year 6	2004	19615	4.99	97,918
Year 7	2005	19893	4.98	99,167
Year 8	2006	20170	4.98	100,406
Year 9	2007	21036	4.97	104,570
Year 10	2008	19949	4.96	99,027
5 Year Baseline Population Calculations				
Year 1	2004	19615	4.99	97,918
Year 2	2005	19893	4.98	99,167
Year 3	2006	20170	4.98	100,406
Year 4	2007	21036	4.97	104,570
Year 5	2008	19949	4.96	99,027
2020 Compliance Year Population Calculations				
2020		20373	4.88 **	99,347

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F-6: DWR Tables

2-1R | Public Water Systems

STATUS: Published

NOTES: -

Public Water System Number	Public Water System Name	Number of Municipal Connections 2020	Volume of Water Supplied 2020
CA3610064	East Valley Water District	21,655	18,374
	Total:	**21,655**	**18,374**

2-2 | Public Water Systems

STATUS: Published

NOTES: -

Type of Plan	Member of RUWMP	Member of Regional Alliance	Name of RUWMP or Regional Alliance
Regional UWMP (RUWMP)			Upper Santa Ana River Integrated Regional Urban Water Management Plan

2-3 | Agency Identification

STATUS: Published

NOTES: -

Type of Supplier	Year Type	First Day of Year		Unit Type
		DD	MM	
Retailer	Calendar Years			Acre Feet (AF)

Conversion to Gallons: *325851*
Conversion to Gallons per Day: *892.7425*

2-4R | Water Supplier Information Exchange

STATUS: Published

NOTES: -

Wholesale Water Supplier Name
San Bernardino Valley Municipal Water District

3-1R | Current & Projected Population

STATUS: Published

NOTES: -

Population Served	2020	2025	2030	2035	2040	2045
Total	99,347	104,500	108,224	112,080	115,792	119,626
Total	**99,347**	**104,500**	**108,224**	**112,080**	**115,792**	**119,626**

4-1R | Actual Demands for Water

STATUS: Published

NOTES: -

Use Type	Additional Description	Level of Treatment When Delivered	2020 Volume
Single Family	Residential	Drinking Water	10,589
Multi-Family	Multi-Family	Drinking Water	3,377
Commercial	Commercial	Drinking Water	1,873
Landscape	Irrigation Commercial	Drinking Water	1,725
Other	Fire Service	Drinking Water	3
Other	Bulk Water	Drinking Water	143
Losses	Nonrevenue	Drinking Water	664
		Total:	**18,374**

4-2R | Projected Demands for Water

STATUS: Published

NOTES: -

Use Type	Additional Description	Projected Water Use				
		2025	2030	2035	2040	2045
Single Family	Residential	11,211	11,589	11,966	12,316	12,667
Multi-Family	Multi-Family	3,497	3,618	3,738	3,850	3,962
Commercial	Commercial	1,939	2,006	2,073	2,135	2,197
Landscape	Irrigation Commercial	1,787	1,848	1,910	1,967	2,024
Other	Fire Service	3	3	3	4	4
Other	Bulk Water	148	153	158	163	168
Losses	Nonrevenue	1,115	1,153	1,191	1,226	1,261
	Total:	**19,702**	**20,371**	**21,040**	**21,661**	**22,283**

4-3R | Total Gross Water Use

STATUS: Published

NOTES: -

	2020	2020	2030	2035	2040	2045
Potable and Raw Water From Table 4-1R and 4-2R	18,374	19,702	20,371	21,040	21,661	22,283
Recycled Water Demand* From Table 6-4R	-	-	-	-	-	-
Total Water Use:	**18,374**	**19,702**	**20,371**	**21,040**	**21,661**	**22,283**

4-4R | 12 Month Water Loss Audit Reporting

STATUS: Published

NOTES: Manually entered from AWWA Loss Audits

Report Period Start Date		Volume of Water Loss*
MM	YYYY	
1	2016	1,518
1	2017	1,854
1	2018	1,082
1	2019	503
1	2020	664 (Estimated)

4-5R | Inclusion in Water Use Projections

STATUS: Published

NOTES: -

Are Future Water Savings Included in Projections? Refer to Appendix K of UWMP Guidebook.	No
Are Lower Income Residential Demands Included in Projections?	Yes

5-1R | Baselines & Targets Summary

STATUS: Published

NOTES: -

Baseline Period	Start Year	End Year	Average Baseline GPCD*	Confirmed 2020 Target *
10-15 Year	1999	2008	211	172
5 Year	2004	2008	207	

*All values are in Gallons per Capita per Day (GPCD)

5-2R | 2020 Compliance

STATUS: Published

NOTES:

Actual 2020 GPCD*	Optional Adjustments to 2020 GPCD					2020 GPCD* (Adjusted if applicable)	Supplier Achieved Targeted Reduction in 2020
	Extraordinary Events*	Economic Adjustment*	Weather Normalization*	Total Adjustments*	Adjusted 2020 GPCD*		
165	0	0	0	0	0	0	Yes

*All values are in Gallons per Capita per Day (GPCD)

6-1R | Groundwater Volume Pumped

STATUS: Published

NOTES: -

Select One						
Groundwater Type	**Location or Basin Name**	**2016**	**2017**	**2018**	**2019**	**2020**
Alluvial Basin	Bunker Hill (part of SBBA)	12,792	15,217	14,525	12,940	15,169
	Total:	**12,792**	**15,217**	**14,525**	**12,940**	**15,169**

6-2R | Wastewater Collected within Service Area in 2020

STATUS: Published

NOTES: -

The supplier will complete the table.

Percentage of 2020 service area covered by wastewater collection system (optional):	
Percentage of 2020 service area population covered by wastewater collection system (optional):	

Wastewater Collection			Recipient of Collected Wastewater			
Name of Wastewater Collection Agency	Wastewater Volume Metered or Estimated	Wastewater Volume Collected from UWMP Service Area in 2020	Name of Wastewater Agency Receiving Collected Wastewater	Wastewater Treatment Plant Name	Wastewater Treatment Plant Located within UWMP Area	WWTP Operation Contracted to a Third Party
East Valley Water District	Metered	6,815	**City of San Bernardino**	San Bernardino Water Reclamation Plant (WRP)	No	No
	Total:	**6,815**				

6-3R | Wastewater Treatment & Discharge Within Service Area in 2020

STATUS: Published

NOTES: -

No wastewater is treated or disposed of within the UWMP service area. The supplier will not complete the table.

Wastewater Treatment Plant Name	Discharge Location Name or Identifier	Discharge Location Description	Wastewater Discharge ID Number	Method of Disposal	Plant Treats Wastewater Generated Outside the Service Area	Treatment Level	2020 Volumes				
							Wastewater Treated	Discharged Treated Wastewater	Recycled Within Service Area	Recycled Outside of Service Area	Instream Flow Permit Requirement
						Total:	-	-	-	-	-

6-4R | Recycled Water Direct Beneficial Uses Within Service Area

STATUS: Published

NOTES: removed data from this table since it was showing up as demands

The supplier will complete the table.

Name of Supplier Producing (Treating) the Recycled Water:	East Valley Water District
Name of Supplier Operating the Recycled Water Distribution System:	East Valley Water District
Supplemental Volume of Water Added in 2020:	0%
Source of 2020 Supplemental Water:	

Beneficial Use Type	Potential Beneficial Uses of Recycled Water	Amount of Potential Uses of Recycled Water	General Description of 2020 Uses	Level of Treatment	2020	2025	2030	2035	2040	2045
Landscape Irrigation (excludes golf courses)										
Golf Course Irrigation										
Commercial Use										
Industrial Use										
Geothermal and Other Energy Production										
Seawater Intrusion Barrier										
Recreational Impoundment										
Wetlands or Wildlife Habitat										
Groundwater Recharge (IPR)*	Recharge Bunker Hill Basin through percolation	0	No use in 2020	Tertiary						
Surface Water Augmentation (IPR)*										
Direct Potable Reuse										
				Total:	-	-	-	-	-	-
Internal Reuse (Not included in Statewide Recycled Water Volume).										

*IPR - Indirect Potable Reuse

6-5R | 2015 Recycled Water Use Projection Compared to 2020 Actual

STATUS: Published

NOTES: -

The supplier will complete the table.

Use Type	2015 Projection for 2020	2020 Actual Use
Agricultural Irrigation		
Landscape Irrigation (excludes golf courses)		
Golf Course Irrigation		
Commercial Use		
Industrial Use		
Geothermal and Other Energy Production		
Seawater Intrusion Barrier		
Recreational Impoundment		
Wetlands or Wildlife Habitat		
Groundwater Recharge (IPR)*	6,700	-
Surface Water Augmentation (IPR)*		
Direct Potable Reuse		
Total:	**6,700**	**-**

6-6R | Methods to Expand Future Recycled Water Use

STATUS: Published

NOTES: -

The supplier will complete the table below.

Name of Action	Description	Planned Implementation Year	Expected Increase of Recycled Water Use
Sterling Natural Resource Center	Groundwater recharge	2022	8,200
Sterling Natural Resource Center	Groundwater recharge	2030	290
Sterling Natural Resource Center	Groundwater recharge	2035	300
Sterling Natural Resource Center	Groundwater recharge	2040	300
Sterling Natural Resource Center	Groundwater recharge	2045	300
		Total:	**9,390**

6-7R | Expected Future Water Supply Projects or Programs

STATUS: Published

NOTES: -

The supplier will complete the table.

Name of Future Projects or Programs	Joint Project with Other Suppliers	Agency Name	Description	Planned Implementation Year	Planned for Use in Year Type	Expected Increase in Water Supply to Supplier
Sterling Natural Resource Center	Yes	San Bernardino Valley Municipal Water District	New wastewater reclamation plant and improved groundwater recharge facility	2022	All Year Types	8,200
Sterling Natural Resource Center	Yes	San Bernardino Valley Municipal Water District	Increase in RW production capacity	2030	All Year Types	290
Sterling Natural Resource Center	Yes	San Bernardino Valley Municipal Water District	Increase in RW production capacity	2035	All Year Types	300
Sterling Natural Resource Center	Yes	San Bernardino Valley Municipal Water District	Increase in RW production capacity	2040	All Year Types	300
Sterling Natural Resource Center	Yes	San Bernardino Valley Municipal Water District	Increase in RW production capacity	2045	All Year Types	300

6-8R | Actual Water Supplies

STATUS: Published

NOTES: -

Water Supply	Additional Detail on Water Supply	2020		
		Actual Volume	Water Quality	Total Right or Safe Yield
Groundwater (not desalinated)	Bunker Hill (part of SBBA)	15,169	Drinking Water	
Surface water (not desalinated)	Santa Ana River (part of SBBA)	997	Drinking Water	
Purchased or Imported Water	SWP - Direct Deliveries	2,208	Drinking Water	
	Total:	**18,374**		**-**

6-8DS | Source Water Desalination

STATUS: Published

NOTES: -

Neither groundwater nor surface water are reduced in salinity prior to distribution. The supplier will not complete the table.

Plant Name or Well ID	Plant Capacity	Intake Type	Source Water Type	Influent TDS	Brine Discharge	Volume of Water Desalinated in AFY				
						2016	2017	2018	2019	2020
					Total:	-	-	-	-	-

6-9R | Projected Water Supplies

STATUS: Published

NOTES:

Water Supply	Additional Detail on Water Supply	Projected Water Supply									
		2025		2030		2035		2040		2045	
		Reasonably Available Volume	Total Right or Safe Yield	Reasonably Available Volume	Total Right or Safe Yield	Reasonably Available Volume	Total Right or Safe Yield	Reasonably Available Volume	Total Right or Safe Yield	Reasonably Available Volume	Total Right or Safe Yield
Groundwater (not desalinated)	Bunker Hill	10,257		10,736		11,205		11,620		12,035	
Surface water (not desalinated)	Santa Ana River	1,700		1,700		1,700		1,700		1,700	
Purchased or Imported Water	SWP - Direct Deliveries	2,500		2,500		2,500		2,500		2,500	
Recycled Water	Bunker Hill - Recycled Water Recharge	8,200		8,490		8,790		9,090		9,390	
Total:		**22,657**	**-**	**23,426**	**-**	**24,195**	**-**	**24,910**	**-**	**25,625**	**-**

7-1R | Basis of Water Year Data (Reliability Assessment)

STATUS: Published

NOTES: -

Quantification of available supplies is provided in this table as either volume only, percent only, or both.

Year Type	Base Year	Available Supply if Year Type Repeats	
		Volume Available	Percent of Average Supply
Average Year	2020		100%
Single-Dry Year	2020		110%
Consecutive Dry Years 1st Year	2020		110%
Consecutive Dry Years 2nd Year	2020		110%
Consecutive Dry Years 3rd Year	2020		110%
Consecutive Dry Years 4th Year	2020		110%
Consecutive Dry Years 5th Year	2020		110%

7-2R | Normal Year Supply and Demand Comparison

STATUS: Published

NOTES: -

	2025	2030	2035	2040	2045
Supply Totals From Table 6-9R	22,657	23,426	24,195	24,910	25,625
Demand Totals From Table 4-3R	19,702	20,371	21,040	21,661	22,283
Difference:	**2,955**	**3,056**	**3,156**	**3,249**	**3,342**

7-3R | Single Dry Year Supply & Demand Comparison

STATUS: Published

NOTES: -

	2025	2030	2035	2040	2045
Supply Totals	24,923	25,769	26,615	27,401	28,188
Demand Totals	21,672	22,408	23,143	23,827	24,511
Difference:	**3,251**	**3,361**	**3,472**	**3,574**	**3,677**

7-4R | Multiple Dry Years Supply & Demand Comparison

STATUS: Published

NOTES: -

		2025	2030	2035	2040	2045
First Year	**Supply Totals**	24,923	25,769	26,615	27,401	28,188
	Demand Totals	21,672	22,408	23,143	23,827	24,511
	Difference:	**3,251**	**3,361**	**3,472**	**3,574**	**3,677**
Second Year	**Supply Totals**	24,923	25,769	26,615	27,401	28,188
	Demand Totals	21,672	22,408	23,143	23,827	24,511
	Difference:	**3,251**	**3,361**	**3,472**	**3,574**	**3,677**
Third Year	**Supply Totals**	24,923	25,769	26,615	27,401	28,188
	Demand Totals	21,672	22,408	23,143	23,827	24,511
	Difference:	**3,251**	**3,361**	**3,472**	**3,574**	**3,677**
Fourth Year	**Supply Totals**	24,923	25,769	26,615	27,401	28,188
	Demand Totals	21,672	22,408	23,143	23,827	24,511
	Difference:	**3,251**	**3,361**	**3,472**	**3,574**	**3,677**
Fifth Year	**Supply Totals**	24,923	25,769	26,615	27,401	28,188
	Demand Totals	21,672	22,408	23,143	23,827	24,511
	Difference:	**3,251**	**3,361**	**3,472**	**3,574**	**3,677**
Sixth Year	**Supply Totals**	24,923	25,769	26,615	27,401	28,188
	Demand Totals	21,672	22,408	23,143	23,827	24,511
	Difference:	**3,251**	**3,361**	**3,472**	**3,574**	**3,677**

7-5 | Five-Year Drought Risk Assessment Tables to Address Water Code Section 10635(b)

STATUS: Published

NOTES: -

2021	**Gross Water Use**	20,503
	Total Supplies	23,579
	Surplus/Shortfall without WSCP Action	**3,076**
	Planned WSCP Actions (Use Reduction and Supply Augmentation)	
	WSCP (Supply Augmentation Benefit)	
	WSCP (Use Reduction Savings Benefit)	
	Revised Surplus/Shortfall	**3,076**
	Resulting Percent Use Reduction from WSCP Action	**0%**
2022	**Gross Water Use**	20,796
	Total Supplies	23,915
	Surplus/Shortfall without WSCP Action	**3,119**
	Planned WSCP Actions (Use Reduction and Supply Augmentation)	
	WSCP (Supply Augmentation Benefit)	
	WSCP (Use Reduction Savings Benefit)	
	Revised Surplus/Shortfall	**3,119**
	Resulting Percent Use Reduction from WSCP Action	**0%**
2023	**Gross Water Use**	21,088
	Total Supplies	24,251
	Surplus/Shortfall without WSCP Action	**3,163**
	Planned WSCP Actions (Use Reduction and Supply Augmentation)	
	WSCP (Supply Augmentation Benefit)	
	WSCP (Use Reduction Savings Benefit)	
	Revised Surplus/Shortfall	**3,163**
	Resulting Percent Use Reduction from WSCP Action	**0%**
2024	**Gross Water Use**	21,380
	Total Supplies	24,587
	Surplus/Shortfall without WSCP Action	**3,207**
	Planned WSCP Actions (Use Reduction and Supply Augmentation)	
	WSCP (Supply Augmentation Benefit)	
	WSCP (Use Reduction Savings Benefit)	
	Revised Surplus/Shortfall	**3,207**
	Resulting Percent Use Reduction from WSCP Action	**0%**
2025	**Gross Water Use**	21,672
	Total Supplies	24,923
	Surplus/Shortfall without WSCP Action	**3,251**
	Planned WSCP Actions (Use Reduction and Supply Augmentation)	
	WSCP (Supply Augmentation Benefit)	
	WSCP (Use Reduction Savings Benefit)	
	Revised Surplus/Shortfall	**3,251**
	Resulting Percent Use Reduction from WSCP Action	**0%**

8-1 | Water Shortage Contingency Plan Levels

STATUS: Published

NOTES: -

Shortage Level	Percent Shortage Range[1] (Numerical Value as	Water Shortage Condition
1	Up to 10%	Normal Condition (EVWD Stage 1) - Voluntary Conservation Measures Normal conditions shall be in effect when the District is able to meet all the water demands of its customers in the immediate future. During normal conditions, all water users should continue to use water wisely, to prevent the waste or unreasonable use of water, and to reduce water consumption to that necessary for ordinary domestic and commercial purposes.
2	Up to 20%	Threatened Water Supply Condition (EVWD Stage 2) - In the event of a threatened water supply shortage which could affect the District's ability to provide water for ordinary domestic and commercial uses, the Board of Directors shall hold a public hearing at which consumers of the water supply shall have the opportunity to protest and to present their respective needs to the District. The Board may then, by resolution, declare a water shortage condition to prevail.
3	Up to 30%	Threatened Water Supply Condition (EVWD Stage 2) - In the event of a threatened water supply shortage which could affect the District's ability to provide water for ordinary domestic and commercial uses, the Board of Directors shall hold a public hearing at which consumers of the water supply shall have the opportunity to protest and to present their respective needs to the District. The Board may then, by resolution, declare a water shortage condition to prevail.
4	Up to 40%	Water Shortage Emergency: Mandatory Conservation Measures (EVWD Stage 3) - In the event of a water shortage emergency in which EVWD may be prevented from meeting the water demands of its customers, the Board of Directors shall, if possible, given the time and circumstances, immediately hold a public hearing at which customers of EVWD shall have the opportunity to protest and to present their respective needs to the Board. No public hearing shall be required in the event of a breakage or failure of a pump, pipeline, or conduit causing an immediate emergency. The General Manager/CEO is empowered to declare a water shortage emergency, subject to the ratification of the Board of Directors within 72 hours of such declaration. The Ordinance provides for exceptions under certain circumstances, establishes enforcement provisions, defines the methods for declaring and terminating water conservation stages, and provides for the form of notices and decisions of the Board of Directors.

5	Up to 50%	Water Shortage Emergency: Mandatory Conservation Measures (EVWD Stage 3) - In the event of a water shortage emergency in which EVWD may be prevented from meeting the water demands of its customers, the Board of Directors shall, if possible, given the time and circumstances, immediately hold a public hearing at which customers of EVWD shall have the opportunity to protest and to present their respective needs to the Board. No public hearing shall be required in the event of a breakage or failure of a pump, pipeline, or conduit causing an immediate emergency. The General Manager/CEO is empowered to declare a water shortage emergency, subject to the ratification of the Board of Directors within 72 hours of such declaration. The Ordinance provides for exceptions under certain circumstances, establishes enforcement provisions, defines the methods for declaring and terminating water conservation stages, and provides for the form of notices and decisions of the Board of Directors.
6	>50%	Water Shortage Emergency: Mandatory Conservation Measures (EVWD Stage 3) - In the event of a water shortage emergency in which EVWD may be prevented from meeting the water demands of its customers, the Board of Directors shall, if possible, given the time and circumstances, immediately hold a public hearing at which customers of EVWD shall have the opportunity to protest and to present their respective needs to the Board. No public hearing shall be required in the event of a breakage or failure of a pump, pipeline, or conduit causing an immediate emergency. The General Manager/CEO is empowered to declare a water shortage emergency, subject to the ratification of the Board of Directors within 72 hours of such declaration. The Ordinance provides for exceptions under certain circumstances, establishes enforcement provisions, defines the methods for declaring and terminating water conservation stages, and provides for the form of notices and decisions of the Board of Directors.

[1] One stage in the Water Shortage Contingency Plan must address a water shortage of 50%.

8-2 | Demand Reduction Actions

STATUS: Published

NOTES:

Shortage Level	Demand Reduction Actions	How much is this going to reduce the shortage gap?	Additional Explanation or Reference	Penalty, Charge, or Other Enforcement
All	Improve Customer Billing	0-1%	EVWD has established budget-based rates for all customers to encourage efficient use of water.	Yes
All	Increase Frequency of Meter Reading	0-1%	EVWD has upgraded its meters to Advanced Metering Infrastructure (AMI) meters to provide more timely information on water use.	Yes
All	Offer Water Use Surveys	0-1%	EVWD provides home water use evaluations at no charge to its customers. EVWD will provide historical water use data to commercial and industrial facilities for use in developing a water conservation plan for their facilities	Yes
All	Provide Rebates on Plumbing Fixtures and Devices	0-1%	EVWD has programs to provide rebates to customers for purchase of High Efficiency Toilets, High Efficiency Showerheads, and High Efficiency Washing Machines.	Yes
All	Provide Rebates for Landscape Irrigation Efficiency	0-1%	EVWD has programs to provide rebates to customers for purchase of Weather-Based Irrigation Controllers and High Efficiency Sprinkler Nozzles.	Yes
2	Expand Public Information Campaign	0-20%	Commercial and industrial facilities shall, upon request of the General Manager, provide EVWD with a plan to conserve water at their facilities. EVWD will provide these facilities with information regarding the average monthly water use by the facility for the last two-year period. The facility will be expected to provide EVWD with a plan to conserve or reduce the amount of water used by that percentage deemed by the Board of Director to be necessary under the circumstances. After review and approval by the General Manager, the water conservation plan shall be considered subject to inspection and enforcement by EVWD.	Yes

2	CII - Restaurants may only serve water upon request	0%-1%	Restaurants are not to provide drinking water to patrons except by request.	Yes
2	CII - Lodging establishment must offer opt out of linen service	0%-1%	Hotels and motels must offer their guests the option to not have their linens and towels laundered daily, and must prominently display this option in each room.	Yes
2	Landscape - Limit landscape irrigation to specific days	0%-5%	Upon notice and public hearing, EVWD may determine that the irrigation of exterior vegetation shall be conducted only during specified hours and/or days, and may impose other restrictions on the use of water for such irrigation. The irrigation of exterior vegetation at other than these times shall be considered to be a waste of water.	Yes
2	Landscape - Limit landscape irrigation to specific times	0%-5%	Exterior landscape plans for all new commercial and industrial development shall provide for timed irrigation and shall consider the use of drought resistance varieties of flora. Such plans shall be presented to and approved by EVWD prior to issuance of a water service letter	Yes
2	Landscape - Limit landscape irrigation to specific times	0%-5%	Public and private parks, golf courses, swimming pools and school grounds which use water provided by the District shall use water for irrigation and pool filling between the hours of 8:00 p.m. and 6:00 a.m.	Yes
2	Landscape - Other landscape restriction or prohibition	0%-5%	Persons receiving water from EVWD who are engaged in commercial agricultural practices, whether for the purpose of crop production or growing of ornamental plants shall provide, maintain and use irrigation equipment and practices which are the most efficient possible. Upon the request of the General Manager, these persons may be required to prepare a plan describing their irrigation practices and equipment, including but not limited to, an estimate of the efficiency of the use of water on their properties.	Yes
2	Landscape - Restrict or prohibit runoff from landscape irrigation	0%-5%	Any water used on premises that is allowed to escape the premises and run off into gutters or storm drains shall be considered a waste of water.	Yes
2	Other - Prohibit use of potable water for washing hard surfaces	0%-1%	No water provided by EVWD shall be used for the purposes of wash-down of impervious areas, without specific written authorization of the General Manager/CEO.	Yes

2	Landscape - Other landscape restriction or prohibition	0%-5%	Medians and bordering parkways located within the rightof-way are prohibited from using potable water to irrigate turf or other high water use plant material as identified by the Water Use Classifications of Landscaping Species (WUCOLS) Guide. Bordering parkways are considered the strips of non-functional ornamental turf adjacent to the street. The continued irrigation and preservation of trees is encouraged.	Yes
2	Other - Require automatic shut of hoses	0%-1%	The washing of cars, trucks or other vehicles is not permitted, except with a hose equipped with an automatic shut-off device, or a commercial facility so designated on EVWD's billing records.	Yes
2	Pools and Spas - Require covers for pools and spas	0%-1%	All residential, public and recreational swimming pools, of all size, shall use evaporation resistant covers and shall recirculate water. Any swimming pool which does not have a cover installed during periods of non-use shall be considered a waste of water.	Yes
2	Other water feature or swimming pool restriction	0%-1%	Operating a water fountain or other decorative water feature that does not use re-circulated water is prohibited.	Yes
2	CII - Other CII restriction or prohibition	0%-1%	Persons receiving water from the District who are engaged in commercial agricultural practices, whether for the purpose of crop production or growing of ornamental plants shall provide, maintain and use irrigation equipment and practices which are the most efficient possible. Upon the request of the General Manager, these persons may be required to prepare a plan describing their irrigation practices and equipment, including but not limited to, an estimate of the efficiency of the use of water on their properties. Commercial and industrial facilities shall, upon request of the General Manager, provide the District with a plan to conserve water at their facilities. The District will provide these facilities with information regarding the average monthly water use by the facility for the last two-year period, or the State of California approved conservation base year. The facility will be expected to provide the District with a plan to conserve or reduce the amount of water used by that percentage deemed by the Board of Directors to be necessary under the circumstances. After review and approval by the General Manager, the water conservation plan shall be considered subject to inspection and enforcement by the District.	Yes

3	Landscape - Other landscape restriction or prohibition	1-5%	Commercial nurseries shall discontinue all watering and irrigation. Watering of livestock is permitted as necessary.	Yes
3	Landscape - Prohibit all landscape irrigation	1%-5%	Watering of parks, school grounds, golf courses, lawns, and landscape irrigation is prohibited.	Yes
3	Other - Prohibit use of potable water for construction and dust control	0%-1%	No new construction meter permits shall be issued by EVWD. All existing construction meters shall be removed and/or locked.	Yes
3	Other - Prohibit use of potable water for washing hard surfaces	0%-1%	Washing down of driveways, parking lots or other impervious surfaces is prohibited.	Yes
3	Other - Prohibit vehicle washing except at facilities using recycled or recirculating water	0%-1%	Washing of vehicles, except when done by commercial car wash establishments using only recycled or reclaimed water is prohibited.	Yes
3	Other water feature or swimming pool restriction	0%-1%	Filling or adding water to swimming pools, wading pools, spas, ornamental ponds, fountains, and artificial lakes are prohibited.	Yes

8-3R | Supply Augmentation & Other Actions

STATUS: Published

NOTES: -

Shortage Level	Supply Augmentation Methods and Other Actions by Water Supplier	How much is this going to reduce the shortage gap?	Additional Explanation or Reference
3	Other purchases	0-100%	EVWD has emergency water supply connections to two adjacent water agencies (SBMWD and the City of Riverside), volume depends on supply availability from neighboring agency

10-1R | Notification to Cities & Counties

STATUS: Published

NOTES: -

City	60 Day Notice	Notice of Public Hearing	Other
City of Highland	Yes	Yes	
City of San Bernardino	Yes	Yes	
County	**60 Day Notice**	**Notice of Public Hearing**	**Other**
San Bernardino County	Yes	Yes	
Other	**60 Day Notice**	**Notice of Public Hearing**	**Other**

O-1B | Recommended Energy Intensity - Total Utility Approach

Urban Water Supplier	East Valley Water District			**Reporting Period Start Date**	1/1/2016
Water Delievery Product	Retail Potable Deliveries			**Reporting Period End Date**	12/30/2016
	Urban Water Supplier Operational Control				
	Sum of all Water Management Process			**Non-Consequential Hydropower**	
	Total Utility			**Hydropower**	**Net Utility**
Volume of Water Entering Process (AF)	17300			0	**17300**
Energy Consumed (kWh)	15051699			0	**15051699**
Energy Intensity (kWh/AF)	**870.0**			**0.0**	**870.0**
Data Quality	Metered Data		**Quantity of Self-Generated Renewable Energy**		**0.0** **kWh**
Data Quality Narrative	**Total energy consumed in 2016 was quantified through meter data. Data was obtained through the 1 Year Annual Savings Report. Note that in May 2018 a hydroelectric power generation facility project was completed. Turbines at the facility will be turned by water flowing into the District from the StateWater Project to produce up to 220 KW.**				
Water Supply Narrative	**EVWD's water supply consists primarily of groundwater from wells in the western portion of the service area. These wells, in the San Bernardino Basin Area (SBBA), supply approximately 80% of the total water supply. In addition to groundwater, Plant 134, an 8-MGD water treatment plant, EVWD provides treated surface water from the Santa Ana River and the SWP by way of Plant 134, an 8-MGD water treatment plant.**				

F-7: SBX7-7 Forms

SB X7-1 | Baseline Period Ranges

STATUS: Published

NOTES: -

Baseline	Parameter	Value	Units
10- to 15-year baseline period	2008 total water deliveries	22,052	Acre Feet (AF)
	2008 total volume of delivered recycled water	0	Acre Feet (AF)
	2008 recycled water as a percent of total deliveries	0	Percent
	Number of years in baseline period[1, 2]	10	Years
	Year beginning baseline period range	1999	
	Year ending baseline period range[3]	2008	
5-year baseline period	Number of years in baseline period	5	Years
	Year beginning baseline period range	2004	
	Year ending baseline period range[4]	2008	

[1]If the 2008 recycled water percent is less than 10 percent, then the first baseline period is a continuous 10-year period. If the amount of recycled water delivered in 2008 is 10 percent or greater, the first baseline period is a continuous 10- to 15-year period.

[2]The Water Code requires that the baseline period is between 10 and 15 years. However, DWR recognizes that some water suppliers may not have the minimum 10 years of baseline data.

[3]The ending year must be between December 31, 2004 and December 31, 2010.

[4]The ending year must be between December 31, 2007 and December 31, 2010.

SB X7-2 | Method for Population Estimates

STATUS:	Published
NOTES:	-

Method for Population Estimates	
No	**1. Department of Finance (DOF)** DOF Table E-8 (1990 - 2000) and (2000-2010) and DOF Table E-5 (2010 - 2020) when available
No	**2. Persons-per-Connection Method**
Yes	**3. DWR Population Tool**
No	**4. Other** DWR recommends pre-review

SB X7-3 | Service Area Population

STATUS: Published

NOTES: -

Year		Population
10 to 15 Year Baseline Population		
Year 1	1999	89,068
Year 2	2000	87,143
Year 3	2001	86,844
Year 4	2002	90,261
Year 5	2003	96,568
Year 6	2004	99,566
Year 7	2005	100,559
Year 8	2006	101,536
Year 9	2007	105,453
Year 10	2008	99,585
Year 11		
Year 12		
Year 13		
Year 14		
Year 15		
5 Year Baseline Population		
Year 1	2004	99,566
Year 2	2005	100,559
Year 3	2006	101,536
Year 4	2007	105,453
Year 5	2008	99,585
2020 Compliance Year Population		
2020		99,347

SB X7-4 | Annual Gross Water Use

STATUS: Published

NOTES: -

Baseline Year *From SB X7-3*		Volume Into Distribution System *From SB X7-4A*	Deductions					Annual Gross Water Use
			Exported Water	Change in Distribution System Storage (+/-)	Indirect Recycled Water *From SB X7-4B*	Water Delivered for Agricultural Use	Process Water *From SB X7-4D*	
10 to 15 Year Baseline - Gross Water Use								
Year 1	**1,999**	**21,443**			**0**		**-**	**21,443**
Year 2	**2,000**	**22,271**			**0**		**-**	**22,271**
Year 3	**2,001**	**22,271**			**0**		**-**	**22,271**
Year 4	**2,002**	**21,321**	1,271		**0**		**-**	**20,050**
Year 5	**2,003**	**23,110**	1,117		**0**		**-**	**21,993**
Year 6	**2,004**	**24,597**	1,698		**0**		**-**	**22,899**
Year 7	**2,005**	**22,614**			**0**		**-**	**22,614**
Year 8	**2,006**	**27,186**	2,293		**0**		**-**	**24,893**
Year 9	**2,007**	**24,519**	1,581		**0**		**-**	**22,938**
Year 10	**2,008**	**23,951**			**0**		**-**	**23,951**
Year 11	**0**	**0**			**0**		**-**	**0**
Year 12	**0**	**0**			**0**		**-**	**0**
Year 13	**0**	**0**			**0**		**-**	**0**
Year 14	**0**	**0**			**0**		**-**	**0**
Year 15	**0**	**0**			**0**		**-**	**0**
							10 - 15 year baseline average gross water use:	**22,532**
5 Year Baseline - Gross Water Use								
Year 1	**2,004**	**24,597**	1,698		**0**		**-**	**22,899**
Year 2	**2,005**	**22,614**			**0**		**-**	**22,614**
Year 3	**2,006**	**27,186**	2,293		**0**		**-**	**24,893**
Year 4	**2,007**	**24,519**	1,581		**0**		**-**	**22,938**
Year 5	**2,008**	**23,951**			**0**		**-**	**23,951**
							5 year baseline average gross water use:	**23,459**
2020 Compliance Year - Gross Water Use								
2020		**18,374**			**0**		**-**	**18,374**

SB X7-4A | Volume Entering the Distribution System(s)

STATUS: Published

NOTES: -

The supplier's own water source				
Name of Source:		**SBBA**		
Baseline Year *From SB X7-3*		**Volume Entering Distribution System**	**Meter Error Adjustment (+/-)**	**Corrected Volume Entering Distribution System**
10 to 15 Year Baseline - Water into Distribution System				
Year 1	**1,999**	17,653		**17,653**
Year 2	**2,000**	18,503		**18,503**
Year 3	**2,001**	18,503		**18,503**
Year 4	**2,002**	17,288		**17,288**
Year 5	**2,003**	19,401		**19,401**
Year 6	**2,004**	21,547		**21,547**
Year 7	**2,005**	18,788		**18,788**
Year 8	**2,006**	23,120		**23,120**
Year 9	**2,007**	20,060		**20,060**
Year 10	**2,008**	20,813		**20,813**
Year 11	**0**			**0**
Year 12	**0**			**0**
Year 13	**0**			**0**
Year 14	**0**			**0**
Year 15	**0**			**0**
5 Year Baseline - Water into Distribution System				
Year 1	**2,004**	21,547		**21,547**
Year 2	**2,005**	18,788		**18,788**
Year 3	**2,006**	23,120		**23,120**
Year 4	**2,007**	20,060		**20,060**
Year 5	**2,008**	20,813		**20,813**
2020 Compliance Year - Water into Distribution System				
2020		15,169		**15,169**

SB X7-4A | Volume Entering the Distribution System(s)

The supplier's own water source				
Name of Source:		**Santa Ana River**		
Baseline Year *From SB X7-3*		**Volume Entering Distribution System**	**Meter Error Adjustment (+/-)**	**Corrected Volume Entering Distribution System**
10 to 15 Year Baseline - Water into Distribution System				
Year 1	**1,999**	2,939		**2,939**
Year 2	**2,000**	3,056		**3,056**
Year 3	**2,001**	3,056		**3,056**
Year 4	**2,002**	3,353		**3,353**
Year 5	**2,003**	2,968		**2,968**
Year 6	**2,004**	2,298		**2,298**
Year 7	**2,005**	3,103		**3,103**
Year 8	**2,006**	3,206		**3,206**
Year 9	**2,007**	3,752		**3,752**
Year 10	**2,008**	3,138		**3,138**
Year 11	**0**			**0**
Year 12	**0**			**0**
Year 13	**0**			**0**
Year 14	**0**			**0**
Year 15	**0**			**0**
5 Year Baseline - Water into Distribution System				
Year 1	**2,004**	2,298		**2,298**
Year 2	**2,005**	3,103		**3,103**
Year 3	**2,006**	3,206		**3,206**
Year 4	**2,007**	3,752		**3,752**
Year 5	**2,008**	3,138		**3,138**
2020 Compliance Year - Water into Distribution System				
2020		997		**997**

SB X7-4A | Volume Entering the Distribution System(s)

A purchased or imported source.				
Name of Source:		**State Water Project Water Purchase**		
Baseline Year *From SB X7-3*		**Volume Entering Distribution System**	**Meter Error Adjustment (+/-)**	**Corrected Volume Entering Distribution System**
10 to 15 Year Baseline - Water into Distribution System				
Year 1	**1,999**	851		**851**
Year 2	**2,000**	712		**712**
Year 3	**2,001**	712		**712**
Year 4	**2,002**	680		**680**
Year 5	**2,003**	741		**741**
Year 6	**2,004**	752		**752**
Year 7	**2,005**	723		**723**
Year 8	**2,006**	860		**860**
Year 9	**2,007**	707		**707**
Year 10	**2,008**	0		**0**
Year 11	**0**			**0**
Year 12	**0**			**0**
Year 13	**0**			**0**
Year 14	**0**			**0**
Year 15	**0**			**0**
5 Year Baseline - Water into Distribution System				
Year 1	**2,004**	752		**752**
Year 2	**2,005**	723		**723**
Year 3	**2,006**	860		**860**
Year 4	**2,007**	707		**707**
Year 5	**2,008**	0		**0**
2020 Compliance Year - Water into Distribution System				
2020		2,208		**2,208**

SB X7-5 | Gallons Per Capita Per Day (GPCD)

STATUS: Published

NOTES: -

Baseline Year From SB X7-3		**Service Area Population** From SB X7-3	**Annual Gross Water Use** From SB X7-4	**Daily Per Capita Water Use (GPCD)**
10 to 15 Year Baseline GPCD				
Year 1	**1999**	**89,068**	**21,443**	**215**
Year 2	**2000**	**87,143**	**22,271**	**228**
Year 3	**2001**	**86,844**	**22,271**	**229**
Year 4	**2002**	**90,261**	**20,050**	**198**
Year 5	**2003**	**96,568**	**21,993**	**203**
Year 6	**2004**	**99,566**	**22,899**	**205**
Year 7	**2005**	**100,559**	**22,614**	**201**
Year 8	**2006**	**101,536**	**24,893**	**219**
Year 9	**2007**	**105,453**	**22,938**	**194**
Year 10	**2008**	**99,585**	**23,951**	**215**
Year 11	**0**	**0**	**0**	**-**
Year 12	**0**	**0**	**0**	**-**
Year 13	**0**	**0**	**0**	**-**
Year 14	**0**	**0**	**0**	**-**
Year 15	**0**	**0**	**0**	**-**
			10-15 Year Average Baseline GPCD:	**211**
5 Year Baseline GPCD				
Year 1	**2004**	**99,566**	**22,899**	**205**
Year 2	**2005**	**100,559**	**22,614**	**201**
Year 3	**2006**	**101,536**	**24,893**	**219**
Year 4	**2007**	**105,453**	**22,938**	**194**
Year 5	**2008**	**99,585**	**23,951**	**215**
			5 Year Average Baseline GPCD:	**207**
2020 Compliance Year GPCD				
2020		**99,347**	**18,374**	**165**

SB X7-6 | Gallons per Capita per Day

STATUS:	Not Started
NOTES:	-

Summary from Table SB X7-7 Table 5	
10-15 Year Baseline GPCD	211
5 Year Baseline GPCD	207
2020 Compliance Year GPCD	165

SB X7-7 | 2020 Target Method

STATUS: Not Started

NOTES: -

Select Only One	
No	**Method 1.** Complete SB X7-7A below.
No	**Method 2.** Complete SB X7-7B,SB X7-7C, and SB X7-7D below.
No	**Method 3.** Complete SB X7-E below.
Yes	**Method 4.** Complete Method 4 Calculator below.

SB X7-7A | 2020 Target Method 1

20% Reduction	
10-15 Year Baseline GPCD	**2020 Target GPCD**
211	**169**

SB X7-7E | 2020 Target Method 3

Select All that Apply	Percentage of Service Area in This Hydrological Region	Hydrologic Region	"2020 Plan" Regional Targets
		North Coast	137
		North Lahontan	173
		Sacramento River	176
		San Francisco Bay	131
		San Joaquin River	174
		Central Coast	123
		Tulare Lake	188
		South Lahontan	170
		South Coast	149
		Colorado River	211
Target (If more than one region is selected, this value is calculated.)			

SB X7-7F | Confirm Minimum Reduction for 2020 Target

5 Year Baseline GPCD From SB X7-5	**Maximum 2020 Target**[1]	**Calculated 2020 Target**[2]	**Confirmed 2020 Target**
207	**196**	172	**172**

[1]Maximum 2020 Target is 95% of the 5 Year Baseline GPCD except for suppliers at or below 100 GPCD.
[2]2020 Target is calculated based on the selected Target Method, see SB X7-7 Table 7 and corresponding tables for agency's calculated target.

SB X7-8 | 2015 Interim Target GPCD

STATUS: Published

NOTES: -

Confirmed 2020 Target From SB X7-7-F	**10-15 year Baseline GPCD** From SB X7-5	**2015 Interim Target GPCD**
172	**211**	**191**

SB X7-9 | 2020 Compliance

STATUS: Published

NOTES: -

Actual 2020 GPCD	2020 Interim Target GPCD	Optional Adjustments (in GPCD)					2020 GPCD (Adjusted if applicable)	Did Supplier Achieve Targeted Reduction for 2020?
		Extraordinary Events	Weather Normalization	Economic Adjustment	Total Adjustments	Adjusted 2020 GPCD		
165	172				0	165	165	YES

F-8: AWWA Water Audits

AWWA Free Water Audit Software:
Reporting Worksheet

WAS v5.0
American Water Works Association.

? Click to access definition
+ Click to add a comment

Water Audit Report for: East Valley Water District
Reporting Year: 2016 1/2016 - 12/2016

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the

All volumes to be entered as: ACRE-FEET PER YEAR

To select the correct data grading for each input, determine the highest grade where the utility meets or exceeds all criteria for that grade and all grades below it.

<---------- Enter grading in column 'E' and 'J' ---------->

Master Meter and Supply Error Adjustments

WATER SUPPLIED

					Pcnt:	Value:	
Volume from own sources:	7	17,163.880	acre-ft/yr	3			acre-ft/yr
Water imported:	n/a	0.000	acre-ft/yr				acre-ft/yr
Water exported:	n/a	0.000	acre-ft/yr				acre-ft/yr
WATER SUPPLIED:		**17,163.880**	acre-ft/yr				

Enter negative % or value for under-registration
Enter positive % or value for over-registration

AUTHORIZED CONSUMPTION

Click here: ? for help using option buttons below

				Pcnt:	Value:	
Billed metered:	7	15,447.055	acre-ft/yr			
Billed unmetered:	n/a	0.000	acre-ft/yr			
Unbilled metered:	9	155.928	acre-ft/yr			
Unbilled unmetered:	5	42.910	acre-ft/yr		42.910	acre-ft/yr
AUTHORIZED CONSUMPTION:		**15,645.892**	acre-ft/yr			

Use buttons to select percentage of water supplied OR value

WATER LOSSES (Water Supplied - Authorized Consumption)

1,517.988 acre-ft/yr

Apparent Losses

				Pcnt:	Value:	
Unauthorized consumption:		42.910	acre-ft/yr	0.25%		acre-ft/yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:	3	482.566	acre-ft/yr	3.00%		acre-ft/yr
Systematic data handling errors:		38.618	acre-ft/yr	0.25%		acre-ft/yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: **564.094** acre-ft/yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: **953.894** acre-ft/yr

WATER LOSSES: **1,517.988** acre-ft/yr

NON-REVENUE WATER

NON-REVENUE WATER: **1,716.825** acre-ft/yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	9	316.0	miles
Number of active AND inactive service connections:	10	23,235	
Service connection density:		74	conn./mile main

Are customer meters typically located at the curbstop or property line? Yes

Average length of customer service line: (length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure: 5 80.0 psi

COST DATA

Total annual cost of operating water system:	10	$23,187,016	$/Year	
Customer retail unit cost (applied to Apparent Losses):	9	$1.99	$/100 cubic feet (ccf)	
Variable production cost (applied to Real Losses):	5	$156.57	$/acre-ft	☐ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 69 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources
2: Customer metering inaccuracies
3: Variable production cost (applied to Real Losses)

AWWA Free Water Audit Software:
Reporting Worksheet

WAS v5.0
American Water Works Association.

? Click to access definition
+ Click to add a comment

Water Audit Report for: East Valley Water District
Reporting Year: 2017 1/2017 - 12/2017

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the

All volumes to be entered as: ACRE-FEET PER YEAR

To select the correct data grading for each input, determine the highest grade where

Master Meter and Supply Error Adjustments

WATER SUPPLIED

<---------- Enter grading in column 'E' and 'J' ---------->

					Pcnt:	Value:	
Volume from own sources:	5	18,654.813	acre-ft/yr	3			acre-ft/yr
Water imported:	n/a		acre-ft/yr				acre-ft/yr
Water exported:	n/a		acre-ft/yr				acre-ft/yr

Enter negative % or value for under-registration
Enter positive % or value for over-registration

WATER SUPPLIED: 18,654.813 acre-ft/yr

AUTHORIZED CONSUMPTION

Click here: ? for help using option buttons below

			Pcnt:	Value:	
Billed metered:	7	16,705.460	acre-ft/yr			
Billed unmetered:	n/a		acre-ft/yr			
Unbilled metered:	9	49.000	acre-ft/yr			
Unbilled unmetered:	5	46.637	acre-ft/yr		46.637	acre-ft/yr

Use buttons to select percentage of water supplied OR value

AUTHORIZED CONSUMPTION: 16,801.097 acre-ft/yr

WATER LOSSES (Water Supplied - Authorized Consumption)

1,853.716 acre-ft/yr

Apparent Losses

			Pcnt:	Value:	
Unauthorized consumption:		46.637	acre-ft/yr	0.25%		acre-ft/yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:	3	518.179	acre-ft/yr	3.00%	acre-ft/yr
Systematic data handling errors:		41.764	acre-ft/yr	0.25%	acre-ft/yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: 606.580 acre-ft/yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: 1,247.136 acre-ft/yr

WATER LOSSES: 1,853.716 acre-ft/yr

NON-REVENUE WATER

NON-REVENUE WATER: 1,949.353 acre-ft/yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	9	316.0	miles
Number of active AND inactive service connections:	10	23,343	
Service connection density:		74	conn./mile main

Are customer meters typically located at the curbstop or property line? Yes

Average length of customer service line: (length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure: 5 80.0 psi

COST DATA

Total annual cost of operating water system:	10	$22,737,363	$/Year
Customer retail unit cost (applied to Apparent Losses):	9	$2.27	$/100 cubic feet (ccf)
Variable production cost (applied to Real Losses):	5	$140.60	$/acre-ft

☐ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 62 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources
2: Customer metering inaccuracies
3: Variable production cost (applied to Real Losses)

AWWA Free Water Audit Software:
Reporting Worksheet

WAS v5.0

American Water Works Association.

Click to access definition
Click to add a comment

Water Audit Report for: East Valley Water District (3610064)
Reporting Year: 2018 | 1/2018 - 12/2018

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the

All volumes to be entered as: ACRE-FEET PER YEAR

To select the correct data grading for each input, determine the highest grade where the utility meets or exceeds all criteria for that grade and all

<---------- Enter grading in column 'E' and 'J' ---------->

Master Meter and Supply Error Adjustments

WATER SUPPLIED

		Grading	Value		Pcnt:	Value:	
Volume from own sources:	+	5	18,695.000	acre-ft/yr	3		acre-ft/yr
Water imported:	+	n/a		acre-ft/yr			acre-ft/yr
Water exported:	+	n/a	0.000	acre-ft/yr			acre-ft/yr
WATER SUPPLIED:			**18,695.000**	acre-ft/yr			

Enter negative % or value for under-registration
Enter positive % or value for over-registration

AUTHORIZED CONSUMPTION

Click ? for help using option buttons

		Grading	Value		Pcnt:	Value:	
Billed metered:	+	7	17,480.000	acre-ft/yr			
Billed unmetered:	+	n/a	0.000	acre-ft/yr			
Unbilled metered:	+	9	124.000	acre-ft/yr			
Unbilled unmetered:	+	5	9.348	acre-ft/yr		9.348	acre-ft/yr
AUTHORIZED CONSUMPTION:			**17,613.348**	acre-ft/yr			

Use buttons to select percentage of water supplied **OR** value

WATER LOSSES (Water Supplied - Authorized Consumption)

1,081.653 acre-ft/yr

Apparent Losses

		Grading	Value		Pcnt:	Value:	
Unauthorized consumption:	+		46.738	acre-ft/yr	0.25%		acre-ft/yr

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Customer metering inaccuracies:	+	3	268.081	acre-ft/yr	1.50%		acre-ft/yr
Systematic data handling errors:	+		43.700	acre-ft/yr	0.25%		acre-ft/yr

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: **358.519** acre-ft/yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: **723.134** acre-ft/yr

WATER LOSSES: **1,081.653** acre-ft/yr

NON-REVENUE WATER

NON-REVENUE WATER: **1,215.000** acre-ft/yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

		Grading	Value	
Length of mains:	+	9	317.7	miles
Number of active AND inactive service connections:	+	10	23,381	
Service connection density:			74	conn./mile main
Are customer meters typically located at the curbstop or property line?			Yes	
Average length of customer service line:	+			(length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure:	+	5	80.0	psi

COST DATA

		Grading	Value		
Total annual cost of operating water system:	+	10	$23,908,733	$/Year	
Customer retail unit cost (applied to Apparent Losses):	+	9	$2.27	$/100 cubic feet (ccf)	
Variable production cost (applied to Real Losses):	+	5	$140.64	$/acre-ft	☐ Use Customer Retail Unit Cost to value real

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 62 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources
2: Customer metering inaccuracies
3: Variable production cost (applied to Real Losses)

AWWA Free Water Audit Software:
Reporting Worksheet

WAS v5.0
American Water Works Association.

? Click to access definition
+ Click to add a comment

Water Audit Report for: East Valley Water District (3610064)
Reporting Year: 2019 1/2019 - 12/2019

Please enter data in the white cells below. Where available, metered values should be used; if metered values are unavailable please estimate a value. Indicate your confidence in the accuracy of the

All volumes to be entered as: ACRE-FEET PER YEAR

To select the correct data grading for each input, determine the highest grade where

<---------- Enter grading in column 'E' and 'J' ---------->

WATER SUPPLIED

Volume from own sources:	+ ?	5	16,976.620	acre-ft/yr	+ ?	5		-4.845	acre-ft/yr
Water imported:	+ ?	n/a		acre-ft/yr	+ ?				acre-ft/yr
Water exported:	+ ?	n/a		acre-ft/yr	+ ?				acre-ft/yr
WATER SUPPLIED:			**16,981.465**	acre-ft/yr					

Master Meter and Supply Error Adjustments
Pcnt: Value:
Enter negative % or value for under-registration
Enter positive % or value for over-registration

AUTHORIZED CONSUMPTION

Billed metered:	+ ?	7	16,434.559	acre-ft/yr			
Billed unmetered:	+ ?	n/a	0.000	acre-ft/yr			
Unbilled metered:	+ ?	9	35.010	acre-ft/yr			
Unbilled unmetered:	+ ?	7	8.491	acre-ft/yr		8.491	acre-ft/yr
AUTHORIZED CONSUMPTION:	?		**16,478.060**	acre-ft/yr			

Click here: ? for help using option buttons below
Pcnt: Value:
Use buttons to select percentage of water supplied OR value

WATER LOSSES (Water Supplied - Authorized Consumption)

503.405 acre-ft/yr

Apparent Losses

Unauthorized consumption:	+ ?		42.454	acre-ft/yr	0.25%		acre-ft/yr
Customer metering inaccuracies:	+ ?	3	250.806	acre-ft/yr	1.50%		acre-ft/yr
Systematic data handling errors:	+ ?	5	41.086	acre-ft/yr	0.25%		acre-ft/yr

Pcnt: Value:

Default option selected for unauthorized consumption - a grading of 5 is applied but not displayed

Default option selected for Systematic data handling errors - a grading of 5 is applied but not displayed

Apparent Losses: ? **334.346** acre-ft/yr

Real Losses (Current Annual Real Losses or CARL)

Real Losses = Water Losses - Apparent Losses: ? **169.059** acre-ft/yr

WATER LOSSES: **503.405** acre-ft/yr

NON-REVENUE WATER

NON-REVENUE WATER: ? **546.906** acre-ft/yr

= Water Losses + Unbilled Metered + Unbilled Unmetered

SYSTEM DATA

Length of mains:	+ ?	9	317.7	miles
Number of active AND inactive service connections:	+ ?	10	23,415	
Service connection density:	?		74	conn./mile main
Are customer meters typically located at the curbstop or property line?			Yes	
Average length of customer service line:	+ ?			

(length of service line, beyond the property boundary, that is the responsibility of the utility)

Average length of customer service line has been set to zero and a data grading score of 10 has been applied

Average operating pressure:	+ ?	5	80.0	psi

COST DATA

Total annual cost of operating water system:	+ ?	10	$22,580,710	$/Year	
Customer retail unit cost (applied to Apparent Losses):	+ ?	10	$2.23	$/100 cubic feet (ccf)	
Variable production cost (applied to Real Losses):	+ ?	5	$148.58	$/acre-ft	☐ Use Customer Retail Unit Cost to value real losses

WATER AUDIT DATA VALIDITY SCORE:

***** YOUR SCORE IS: 63 out of 100 *****

A weighted scale for the components of consumption and water loss is included in the calculation of the Water Audit Data Validity Score

PRIORITY AREAS FOR ATTENTION:

Based on the information provided, audit accuracy can be improved by addressing the following components:

1: Volume from own sources
2: Customer metering inaccuracies
3: Variable production cost (applied to Real Losses)

F-9: Water Shortage Contingency Plan

This appendix includes the current Water Shortage Contingency Plan (WSCP) at the time of adoption of the 2020 IRWUMP, however the WSCP may be amended separately in the future. Contact East Valley Water District to obtain the most current version of the WSCP.

East Valley Water District Water Shortage Contingency Plan

JUNE 2021 | East Valley Water District

WSC

EAST VALLEY WATER DISTRICT

Water Shortage Contingency Plan

East Valley Water District

JUNE 2021

Prepared by Water Systems Consulting, Inc.

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ACRONYMS & ABBREVIATIONS

AWIA	American Water Infrastructure Association
BTAC	Basin Technical Advisory Committee
CWC	California Water Code
CII	Commercial, Industrial, and Institutional
DWR	California Department of Water Resources
DRA	Drought Risk Assessment
ERP	Emergency Response Plan
EVWD	East Valley Water District
GW	Groundwater
IRUWMP	Integrated Regional Urban Water Management Plan
LHMP	Local Hazard Mitigation Plan
RRA	Risk and Resilience Assessment
SWP	State Water Project
UWWP	Urban Water Management Plan
WSCP	Water Shortage Contingency Plan

WATER SHORTAGE CONTINGENCY PLAN

East Valley Water District

This Water Shortage Contingency Plan is a strategic plan that the East Valley Water District uses to prepare for and respond to water shortages.

The Water Shortage Contingency Plan (WSCP) is a strategic plan that East Valley Water District (EVWD) uses to prepare for and respond to foreseeable and unforeseeable water shortages. A water shortage occurs when water supply available is insufficient to meet the normally expected customer water use at a given point in time. A shortage may occur due to a number of reasons, such as water supply quality changes, climate change, drought, regional power outage, and catastrophic events (e.g., earthquake). Additionally, the State may declare a statewide drought emergency and mandate that water suppliers reduce demands, as occurred in 2014. The WSCP serves as the operating manual that EVWD will use to prevent catastrophic service disruptions through proactive, rather than reactive, mitigation of water shortages. This WSCP provides a process for an annual water supply and demand assessment and structured steps designed to respond to actual conditions. This level of detailed planning and preparation provide accountability and predictability and will help EVWD maintain reliable supplies and reduce the impacts of any supply shortages and/or interruptions.

This WSCP was prepared in conjunction with EVWD's 2020 UWMP, which is included in the 2020 Upper Santa Ana River Watershed Integrated Urban Water Management Plan (2020 IRUWMP) and is a standalone document that can be modified as needed. This document is compliant with the California Water Code (CWC) Section 10632 and incorporated guidance from the State of California Department of Water Resources (DWR) UWMP Guidebook.

IN THIS SECTION

The WSCP describes the following:

1. **Water Service Reliability Analysis:** Summarizes EVWD's water supply analysis and reliability and identifies any key issues that may trigger a shortage condition.
2. **Annual Water Supply and Demand Assessment Procedures:** Describes the key data inputs, evaluation criteria, and methodology for assessing the system's reliability for the coming year and the steps to formally declare any water shortage stages and response actions.
3. **Water Shortage Stages:** Establishes three water shortage stages to clearly identify and prepare for shortages that are in compliance with regulatory requirements.
4. **Shortage Response Actions:** Describes the response actions that may be implemented or considered for each stage to reduce gaps between supply and demand.
5. **Communication Protocols:** Describes communication protocols under each stage to ensure customers, the public, and government agencies are informed of shortage conditions and requirements.
6. **Compliance and Enforcement:** Defines compliance and enforcement actions available to administer demand reductions.
7. **Legal Authority:** Lists the legal documents that grant EVWD the authority to declare a water shortage and implement and enforce response actions.
8. **Financial Consequences of WSCP Implementation:** Describes the anticipated financial impact of implementing water shortage stages and identifies mitigation strategies to offset financial burdens.
9. **Monitoring and Reporting:** Summarizes the monitoring and reporting techniques to evaluate the effectiveness of shortage response actions and overall WSCP implementation. Results are used to determine if shortage response actions should be adjusted.
10. **WSCP Refinement Procedures:** Describes the factors that may trigger updates to the WSCP and outlines how to complete an update.
11. **Plan Adoption, Submittal, and Availability:** Describes the process for the WSCP adoption, submittal, and availability after each revision.

1.0 Water Service Reliability Analysis

As part of the 2020 IRUWMP, EVWD completed a water supply reliability analysis for normal, single-dry, and five-year consecutive dry year periods from 2025-2045. A Drought Risk Assessment (DRA) was also performed to analyze supply reliability under five consecutive years of drought from 2021-2025. As described in **Chapter 3** of the 2020 IRUWMP, the effects of a local drought are not immediately recognized since the region uses the local groundwater basins to simulate a large reservoir for long term storage. EVWD is able to pump additional groundwater to meet increased demands in dry years and participates in efforts to replenish the basins with imported and local water through regional recharge programs. Additionally, EVWD implements several ongoing water conservation measures. Regional recharge programs and conservation help to optimize and enhance the use of regional water resources. **Based on the 2020 IRUWMP analysis, EVWD's water supply is reliable and not expected to see impactful change under drought conditions.**

Even though localized drought conditions should not affect supply, other shortages may occur due to a number of reasons, such as water supply quality changes, regional power outage, State mandates for water use efficiency standards, and catastrophic events (e.g., earthquake). Therefore, EVWD will use this WSCP as appropriate to address shortages and other supply emergencies.

2.0 Annual Water Supply and Demand Assessment

As an urban water supplier, EVWD must prepare and submit an Annual Water Supply and Demand Assessment (Annual Assessment). Starting in 2022, the Annual Assessment will be due by July 1 of every year, as indicated by CWC Section 10632.1. The Annual Assessment is an evaluation of the near-term outlook for supplies and demands to determine whether the potential for a supply shortage exists and whether there is a need to trigger a WSCP shortage stage and response actions in the current calendar year to maintain supply reliability. This process will take place at the same time each year based on known circumstances and information available to EVWD at the time of analysis and can be update or revised at any time if circumstances change.

EVWD will establish and convene an internal WSCP Team to conduct the Annual Assessment each year. The WSCP may include the following staff:

- **Senior Engineer**
- **Operations Manager**
- **Production Supervisor**
- **Conservation Coordinator**
- **Business Services Manager**
- **Public Affairs/Conservation Manager**

The Annual Assessment procedure, including key data inputs and evaluation criteria, is summarized in Table 1. The Annual Assessment procedure and timeline, along with how it integrates with the annual assessment that will be conducted on a regional basis in parallel, is shown graphically in Figure 1.

Table 1. Annual Assessment Procedure

TIMING	ASSESSMENT ACTIVITIES	PROCEDURE, KEY DATA INPUTS, EVALUATION CRITERIA AND OTHER CONSIDERATIONS	STAFF RESPONSIBLE
JAN - FEB	Estimate unconstrained demands for coming year	Demands will be estimated based on water sales forecasts from annual budget or prior year demands plus any anticipated changes	Operations Manager Chief Financial Officer
JAN - FEB	Estimate available supplies for the year, considering the following year will be dry	Each December, EVWD submits an order to Valley District for the volume of SWP water that is planned for use the following year. If the requested volume is not available due to reduced SWP supplies, EVWD will meet with Valley District and other SWP users to discuss reducing SWP orders and may update the Annual Assessment to reflect a shift from SWP to groundwater production, if needed. Estimates of available surface water supplies from the Santa Ana River will be based on contract month allotment and 25% of the river flows in non-contract months. The remainder of supply needs not met from SWP and surface water will be pumped from the SBBA. The SBBA is sustainably managed to provide long term supply reliability and is not anticipated to be impacted in dry years. In the unlikely event that local supplies are reduced, EVWD will coordinate with the BTAC to identify available supplies for the coming year.	Operations Manager Senior Engineer
JAN - FEB	Consider potential constraints that may impact supply delivery	Identify any known regional or EVWD infrastructure issues that may pertain to near-term water supply reliability, including repairs, construction, and environmental mitigation measures that may temporarily constrain	Operations Manager

TIMING	ASSESSMENT ACTIVITIES	PROCEDURE, KEY DATA INPUTS, EVALUATION CRITERIA AND OTHER CONSIDERATIONS	STAFF RESPONSIBLE
		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. Identify any potential or emerging impacts to groundwater quality, such as emerging regulatory constraints that may limit use of available supplies for potable needs.	
FEB	Convene WSCP Team to conduct Annual Assessment	Compare supplies and demands and discuss any constraints that may impact supply delivery. If the potential for a shortage exists, determine which shortage response stage and actions are recommended to reduce/eliminate the shortage. Additionally, if the State declares a drought state of emergency and requires demand reductions, the WSCP Team will determine which water shortage stage and response actions are needed to comply with the State mandate.	WSCP Team
JUNE	Board of Directors	If the potential for a shortage exists or the State has mandated demand reductions, the results of the Annual Assessment will be presented to the EVWD Board of Directors, including the recommended shortage stage and response actions. The Board of Directors may order the implementation of a shortage stage and will adopt a resolution declaring the applicable water shortage stage.	General Manager Board of Directors Conservation Coordinator Public Affairs / Conservation Manager
ON-GOING	Implement WSCP actions, if needed	Relevant members of EVWD staff will implement shortage response actions associated with the declared water shortage stage	Conservation Coordinator Public Affairs / Conservation Manager

TIMING	ASSESSMENT ACTIVITIES	PROCEDURE, KEY DATA INPUTS, EVALUATION CRITERIA AND OTHER CONSIDERATIONS	STAFF RESPONSIBLE
BY JULY 1	Submit Retail Annual Assessment	Send Final Retail Annual Assessment to DWR	WSCP Team

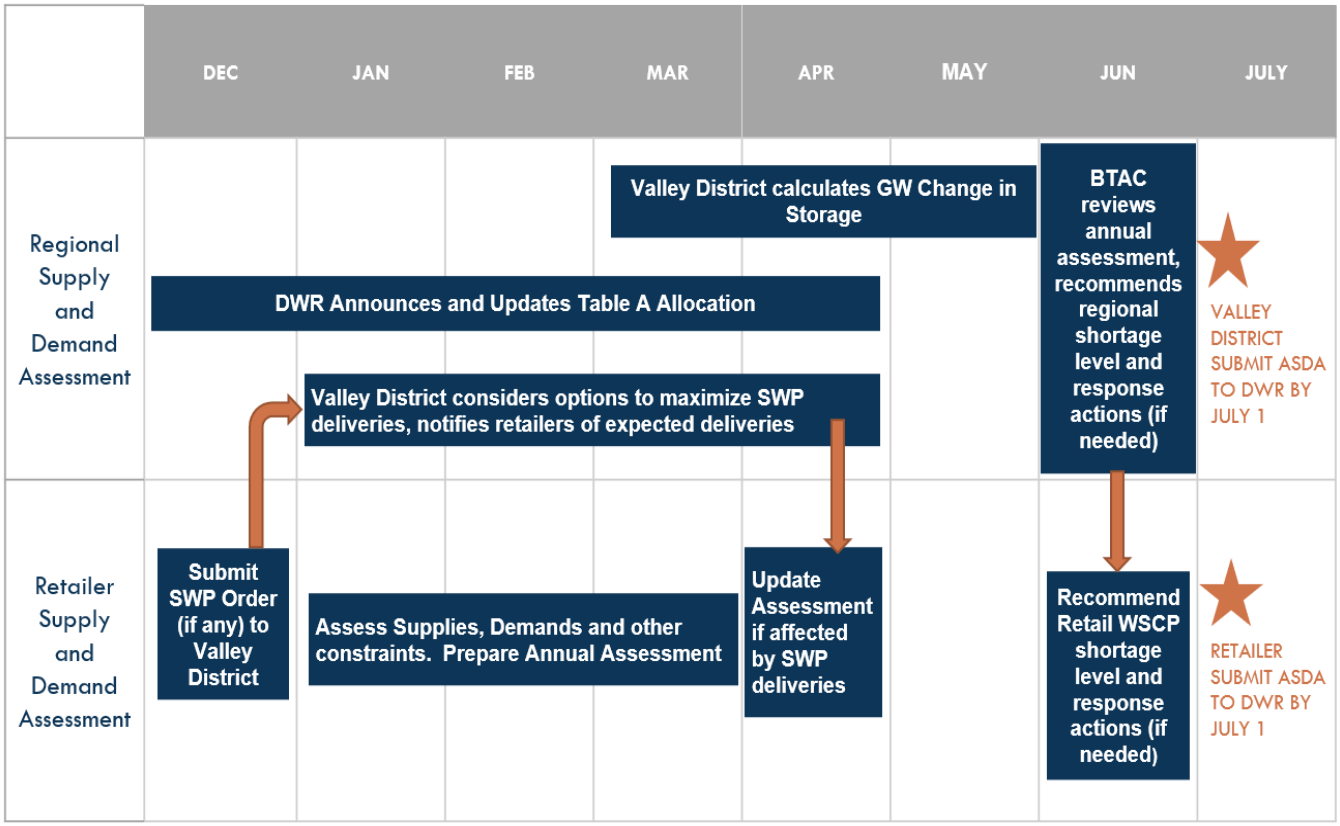

Figure 1. Regional and Retail Agency Annual Assessment Process and Timeline

3.0 Water Shortage Stages

With the exception of a catastrophic failure of infrastructure, EVWD does not foresee imposing a water shortage stage except under the State's direction, as occurred in 2014. If a potential water supply shortage is identified in the Annual Assessment, this section provides information on the water shortage stages and response actions that EVWD may implement.

EVWD uses three (3) shortage stages to identify and respond to water shortage emergencies. At a minimum, EVWD encourages baseline conservation efforts year-round, regardless of a shortage emergency.

Stage I – Normal Conditions:

Voluntary Conservation Measures Normal conditions shall be in effect when the District is able to meet all the water demands of its customers in the immediate future. During normal conditions, all water users should continue to use water wisely, to prevent the waste or unreasonable use of water, and to reduce water consumption to that necessary for ordinary domestic and commercial purposes.

Stage II – Threatened Water Supply Condition:

In the event of a threatened water supply shortage which could affect the District's ability to provide water for ordinary domestic and commercial uses, the Board of Directors shall hold a public hearing at which consumers of the water supply shall have the opportunity to protest and to present their respective needs to the District. The Board may then, by resolution, declare a water shortage condition to prevail, and the conservation measures in **Table 4** shall be in effect.

Stage III: Water Emergency

In the event of a water shortage emergency in which EVWD may be prevented from meeting the water demands of its customers, the Board of Directors shall, if possible, given the time and circumstances, immediately hold a public hearing at which customers of EVWD shall have the opportunity to protest and to present their respective needs to the Board. No public hearing shall be required in the event of a breakage or failure of a pump, pipeline, or conduit causing an immediate emergency. The General Manager/CEO is empowered to declare a water shortage emergency, subject to the ratification of the Board of Directors within 72 hours of such declaration, and the rules in **Table 4** shall be in effect. The Ordinance provides for exceptions under certain circumstances, establishes enforcement provisions, defines the methods for declaring and terminating water conservation stages, and provides for the form of notices and decisions of the Board of Directors. The specific water supply conditions for triggering EVWD's mandated conservation measures and the expected reduction in water use are summarized in **Table 2.**

The CWC outlines six standard water shortage stages that correspond to a shortage compared to normal year availability. The six standard water shortage stages 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 a water supplier would implement to meet the severity of the impending shortages.

The CWC allows suppliers with an existing WSCP that uses different water shortage stages to comply with the six standard stages by developing and including a cross-reference relating its existing shortage categories to the six standard water shortage stages. EVWD is maintaining the current three shortage stages for this WSCP. A crosswalk defines how EVWD's current water shortage stages will align with the DWR's standardized 6 stages of shortage. A visual representation of this alignment is shown in **Figure 2**

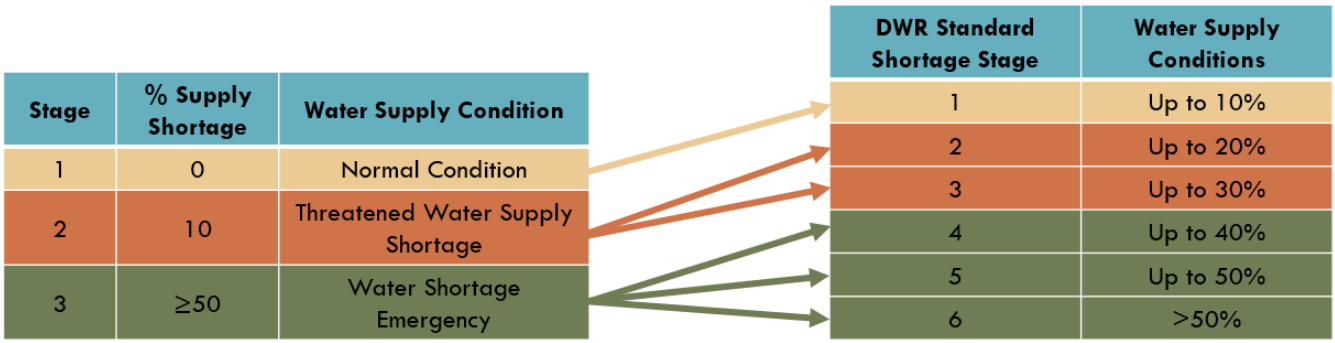

Figure 2. Crosswalk to DWR Six Standard Stages

Table 2: DWR 8-1 Water Shortage Contingency Plan Stages

SHORTAGE STAGE	PERCENT SHORTAGE RANGE[1] (NUMERICAL VALUE AS A PERCENT)	WATER SHORTAGE CONDITION
1	Up to 10%	Normal Condition (EVWD Stage 1)
2	Up to 20%	Threatened Water Supply Condition (EVWD Stage 2)
3	Up to 30%	Threatened Water Supply Condition (EVWD Stage 2)
4	Up to 40%	Water Shortage Emergency: Mandatory Conservation Measures (EVWD Stage 3)
5	Up to 50%	Water Shortage Emergency: Mandatory Conservation Measures (EVWD Stage 3)
6	>50%	Water Shortage Emergency: Mandatory Conservation Measures (EVWD Stage 3)

[1] One stage in the Water Shortage Contingency Plan must address a water shortage of 50%.

4.0 Shortage Response Actions

This section was completed pursuant to CWC Section 10632(a)(4) and 10632.5(a) and describes the response actions that must be implemented or considered for each stage to minimize social and economic impacts to the community.

In accordance with Water Code 10632(b) EVWD analyzes and defines water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas.

4.1 Supply Augmentation

Table 3 identifies the supply augmentation actions EVWD can take in the event of a water shortage condition. EVWD currently maintains interconnections with SBMWD and the City of Riverside. During water shortage emergencies, EVWD may be able to obtain supplemental water supply through these connections, if available.

Table 3: DWR 8-3R Supply Augmentation & Other Actions

SHORTAGE STAGE	SUPPLY AUGMENTATION METHODS AND OTHER ACTIONS BY WATER SUPPLIER	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?	ADDITIONAL EXPLANATION OR REFERENCE
3	Other purchases	0-100%	EVWD has emergency water supply connections to two adjacent water agencies (SBMWD and the City of Riverside), volume depends on supply availability from neighboring agency

4.2 Demand Reduction

In addition to prohibitions on end uses, EVWD offers various rebates and programs to encourage conservation (i.e. ultra-low flush toilet replacements, high efficiency washing machines, etc.). EVWD uses budget based rate billing structure, which promotes water efficiency and allocates personal budget for each customer. The reduction goal is to balance supply and demand. Table 4 summarizes these efforts and end use prohibitions.

Table 4: DWR 8-2 Demand Reduction Actions

SHORTAGE STAGE	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
All	Improve Customer Billing	0-1%	EVWD has established budget-based rates for all customers to encourage efficient use of water.	Yes
All	Increase Frequency of Meter Reading	0-1%	EVWD has upgraded its meters to Advanced Metering Infrastructure (AMI) meters to provide more timely information on water use.	Yes

SHORTAGE STAGE	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
All	Offer Water Use Surveys	0-1%	EVWD provides home water use evaluations at no charge to its customers. EVWD will provide historical water use data to commercial and industrial facilities for use in developing a water conservation plan for their facilities	Yes
All	Provide Rebates on Plumbing Fixtures and Devices	0-1%	EVWD has programs to provide rebates to customers for purchase of High Efficiency Toilets, High Efficiency Showerheads, and High Efficiency Washing Machines.	Yes
All	Provide Rebates for Landscape Irrigation Efficiency	0-1%	EVWD has programs to provide rebates to customers for purchase of Weather-Based Irrigation Controllers, High Efficiency Sprinkler Nozzles and Landscape Efficient Enhancements.	Yes
2	Expand Public Information Campaign	0-20%	Commercial and industrial facilities shall, upon request of the General Manager, provide EVWD with a plan to conserve water at their facilities. EVWD will provide these facilities with information regarding the average monthly water use by the facility for the last two-year period. The facility will be expected to provide EVWD with a plan to conserve or reduce the amount of water used by that percentage deemed by the Board of Director to be necessary under the circumstances. After review and approval by the General Manager, the water conservation plan shall be considered subject to inspection and enforcement by EVWD.	Yes
2	CII - Restaurants may only serve water upon request	0-1%	Restaurants are not to provide drinking water to patrons except by request.	Yes
2	CII - Lodging establishment must offer opt out of linen service	0-1%	Hotels and motels must offer their guests the option to not have their linens and towels laundered daily and must prominently display this option in each room.	Yes

SHORTAGE STAGE	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
2	Landscape - Limit landscape irrigation to specific days	0-5%	Upon notice and public hearing, EVWD may determine that the irrigation of exterior vegetation shall be conducted only during specified hours and/or days, and may impose other restrictions on the use of water for such irrigation. The irrigation of exterior vegetation at other than these times shall be considered to be a waste of water.	Yes
2	Landscape - Limit landscape irrigation to specific times	0-5%	Exterior landscape plans for all new commercial and industrial development shall provide for timed irrigation and shall consider the use of drought resistance varieties of flora. Such plans shall be presented to and approved by EVWD prior to issuance of a water service letter	Yes
2	Landscape - Limit landscape irrigation to specific times	0-5%	Public and private parks, golf courses, swimming pools and school grounds which use water provided by the District shall use water for irrigation and pool filling between the hours of 6:00 p.m. and 6:00 a.m.	Yes
2	Landscape - Other landscape restriction or prohibition	0-5%	Persons receiving water from EVWD who are engaged in commercial agricultural practices, whether for the purpose of crop production or growing of ornamental plants shall provide, maintain and use irrigation equipment and practices which are the most efficient possible. Upon the request of the General Manager, these persons may be required to prepare a plan describing their irrigation practices and equipment, including but not limited to, an estimate of the efficiency of the use of water on their properties.	Yes
2	Landscape - Restrict or prohibit runoff from landscape irrigation	0-5%	Any water used on premises that is allowed to escape the premises and run off into gutters or storm drains shall be considered a waste of water.	Yes

SHORTAGE STAGE	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
2	Other - Prohibit use of potable water for washing hard surfaces	0-1%	No water provided by EVWD shall be used for the purposes of wash-down of impervious areas, without specific written authorization of the General Manager/CEO.	Yes
2	Landscape - Other landscape restriction or prohibition	0-5%	Medians and bordering parkways located within the right-of-way are prohibited from using potable water to irrigate turf or other high water use plant material as identified by the Water Use Classifications of Landscaping Species (WUCOLS) Guide. Bordering parkways are considered the strips of non-functional ornamental turf adjacent to the street. The continued irrigation and preservation of trees is encouraged.	Yes
2	Other - Require automatic shut-off hoses	0-1%	The washing of cars, trucks or other vehicles is not permitted, except with a hose equipped with an automatic shut-off device, or a commercial facility so designated on EVWD's billing records.	Yes
2	Pools and Spas - Require covers for pools and spas	0-1%	All residential, public and recreational swimming pools, of all size, shall use evaporation resistant covers and shall recirculate water. Any swimming pool which does not have a cover installed during periods of non-use shall be considered a waste of water.	Yes
2	Other water feature or swimming pool restriction	0-1%	Operating a water fountain or other decorative water feature that does not use re-circulated water is prohibited.	Yes

SHORTAGE STAGE	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
2	CII - Other CII restriction or prohibition	0-1%	Persons receiving water from the District who are engaged in commercial agricultural practices, whether for the purpose of crop production or growing of ornamental plants shall provide, maintain and use irrigation equipment and practices which are the most efficient possible. Upon the request of the General Manager, these persons may be required to prepare a plan describing their irrigation practices and equipment, including but not limited to, an estimate of the efficiency of the use of water on their properties. Commercial and industrial facilities shall, upon request of the General Manager, provide the District with a plan to conserve water at their facilities. The District will provide these facilities with information regarding the average monthly water use by the facility for the last two-year period, or the State of California approved conservation base year. The facility will be expected to provide the District with a plan to conserve or reduce the amount of water used by that percentage deemed by the Board of Directors to be necessary under the circumstances. After review and approval by the General Manager, the water conservation plan shall be considered subject to inspection and enforcement by the District.	Yes
3	Landscape - Other landscape restriction or prohibition	1-5%	Commercial nurseries shall discontinue all watering and irrigation. Watering of livestock is permitted as necessary.	Yes
3	Landscape - Prohibit all landscape irrigation	1-5%	Watering of parks, school grounds, golf courses, lawns, and landscape irrigation is prohibited.	Yes

SHORTAGE STAGE	DEMAND REDUCTION ACTIONS	HOW MUCH IS THIS GOING TO REDUCE THE SHORTAGE GAP?	ADDITIONAL EXPLANATION OR REFERENCE	PENALTY, CHARGE, OR OTHER ENFORCEMENT
3	Other - Prohibit use of potable water for construction and dust control	0-1%	No new construction meter permits shall be issued by EVWD. All existing construction meters shall be removed and/or locked.	Yes
3	Other - Prohibit use of potable water for washing hard surfaces	0-1%	Washing down of driveways, parking lots or other impervious surfaces is prohibited.	Yes
3	Other - Prohibit vehicle washing except at facilities using recycled or recirculating water	0-1%	Washing of vehicles, except when done by commercial car wash establishments using only recycled or reclaimed water is prohibited.	Yes
3	Other water feature or swimming pool restriction	0-1%	Filling or adding water to swimming pools, wading pools, spas, ornamental ponds, fountains and artificial lakes are prohibited.	Yes

4.3 Operational Changes and Additional Mandatory Restrictions

During shortage conditions, operations may be affected by supply augmentation or demand reduction responses. EVWD will consider their operational procedures when it completes its Annual Assessment. Any additional mandatory restrictions implemented in response to the declaration of a shortage response stage, beyond the actions listed in **Table 3** and **Table 4** are listed in EVWD's Ordinance No. 401 Section 15 – Water Conservation provided in **Attachment 1.**

4.4 Emergency Response Plan

In 2020, EVWD 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 EVWD's infrastructure. The RRA assessed EVWD's water system to identify critical assets and processes that may be vulnerable to human and natural hazards, and to identify 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 system-wide vulnerabilities and threats and quantifies the consequences of disruption. The RRA also identifies various options (and constraints) in addressing and mitigating risk. The RRA, in conjunction with the Emergency Response Plan (ERP), charts a course for water system resilience. The RRA also provided various recommendations to increase reliability of EVWD's system. Since critical pieces of infrastructure and specific vulnerabilities are detailed in the RRA and ERP, the contents of the document are confidential and for use by EVWD's staff only. However, EVWD can confirm that these plans meet the requirements set forth by AWIA and evaluate seismic risks and mitigation actions to EVWD's infrastructure.

In the event of a water shortage emergency resulting from equipment failure, power outage, or other catastrophe, EVWD is prepared to purchase emergency water supplies from nearby agencies while repairs or other remedial actions are underway. EVWD may also implement its three-stage plan for conservation, as described above, with either voluntary or mandatory reductions depending on the severity of the shortage. For severe disasters (Stage 3), mandatory water use reductions are specified.

4.5 Seismic Risk Assessment and Mitigation Plan

Disasters, such as earthquakes, can and will occur without notice. In addition to the AWIA RRA and ERP, EVWD has a 2020 Local Hazard Mitigation Plan (LHMP) that includes an assessment of seismic risk and mitigation for water facilities. The contents of the LHMP document are confidential and for use by EVWD's staff only.

The LHMP identified a set of hazard mitigation actions that are intended to reduce the impact of hazards, including:

- Design new District facilities to withstand an 8.0 earthquake. This area of Southern California is a high earthquake risk and exists on the fault zone.
- Pursue funding for retrofit programs to bring non-compliant structures up to code. These codes help water agencies design and construct reservoirs, pump stations, groundwater wells, and pipelines that resist the forces of nature and ensure safety.

4.6 Shortage Response Action Effectiveness

EVWD has estimated the effectiveness of shortage response actions in **Table 3** and **Table 4** when data pertaining to such actions is available. It is expected that response actions effectiveness is also a result of successful communication and outreach efforts.

5.0 Communication Protocols

The East Valley Water District prioritizes effective communication, especially in times of a water shortage emergency. EVWD routinely communicates to customers about details on when a stage is announced. Communication actions may include bill inserts, handouts, informative flyers, and direct mail pieces to customers, newspaper advertisements, news releases, social media outreach, and

website content. EVWD continues to provide reminders about shortage stages and encourages conservation at all times.

6.0 Compliance and Enforcement

EVWD always discourages excessive water consumption. EVWD is not likely to implement penalties or charges for excessive use during short-term water shortages because they are limited in duration and, at the time of declaration, are not expected to last more than a few weeks. EVWD could establish restrictions or discontinue service in the case of repeat offenders under the Water Code of the State of California.

The District focuses much of the drought response on educating customers, informing them of ways to save, and serving as an informational resource. Unfortunately, there are times when additional measures must be utilized to protect the water supply. The District has measures in place to address violations of the Ordinance, which may result in the imposition of surcharges and restriction and/or termination of water service as set forth below:

1. **First Violation** -- Issuance of written notice of violation of water user. The notice shall be given pursuant to the requirements of Section 15.10 of Ordinance 401.
2. **Second Violation** -- For a second violation of Ordinance 401 within a 12-month period, or failure to comply with the notice of violation within 30 days after notice of imposition, a surcharge of $100.00 is hereby imposed for the meter through which the wasted water was supplied.
3. **Third Violation** -- For a third violation of this ordinance within a 12-month period, or for continued failure to comply within 30 days after notice of an imposition of second violation sanctions, a one-month penalty surcharge in the amount of $300.00 is hereby imposed for the meter through which the wasted water was supplied. Appeals for violation penalties may be granted by the Community Advisory Commission Board.
4. **Subsequent Violations** -- For any subsequent violation of this Ordinance, while in Stage No. 3, within the twenty-four (24) calendar months after a first violation as provided in Section 15.09.01 hereof, the penalty surcharge provided in Section 15.09.05 hereof shall be imposed and the District may discontinue water service to that customer at the premises or to the meter where the violation occurred. The charge for reconnection and restoration of normal service shall be as provided in the Rules and Regulations of the District. Such restoration of service shall not be made until the General Manager/CEO of the District as determined that the water user has provided reasonable assurances that future violations of this Ordinance by such user will not occur.

The General Manager/CEO may grant permits for uses of water otherwise prohibited under the shortage response actions if he determines that restrictions herein would either:

- Cause an unnecessary and undue hardship to the water user or the public

- Cause an emergency condition affecting the health, sanitation fire protection or safety of the water use or of the public

Such exceptions may be granted only upon written application. Upon granting such exception permit, the General Manager/CEO may impose any conditions determined to be just and proper.

7.0 Legal Authorities

A WSCP was originally prepared by EVWD in 1992, in response to Assembly Bill 11X (AB 11X) signed into law on October 14, 1991. The bill requires urban water suppliers providing municipal water directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre feet of water annually, to draft a WSCP in case of a drought for the sixth consecutive year. Plan elements mandated by AB 11X are addressed therein. The Plan was subsequently incorporated into the EVWD Ordinance No. 401 Section 15 – Water Conservation (this is included in **Attachment 1**). This section of the Ordinance addresses water conservation measures the District has adopted for (1) normal conditions, (2) threatened water supply conditions, and (3) emergency water shortage conditions.

7.1 Water Shortage Emergency Declaration

In accordance with Water Code Section Division 1, Section 350 – EVWD shall declare a water shortage emergency condition to prevail within the area served by such distributor whenever it finds and determines that the ordinary demands and requirements of water consumers cannot be satisfied without depleting the water supply of the distributor to the extent that there would be insufficient water for human consumption, sanitation, and fire protection.

7.2 Local/Regional Emergency Declaration

If a water shortage is approaching, EVWD shall coordinate with the cities, county, and tribe in its service area for the possible proclamation of a local emergency.

8.0 Financial Consequences of WSCP

EVWD makes contributions to a rate stabilization fund contribution in accordance with a District Designated Fund Policy established in July 2010. Funds discussed in the policy include the Rate Stabilization Fund and the Capital Replacement Fund.

In the event of a water shortage, a two-point program will be utilized to meet the fiscal shortfall of reduced water revenues:

1. Reduce operation and maintenance expenses.
2. Defer selected capital improvement projects until water shortage situation improves.
3. Rate Stabilization Funds, once accumulated, will serve as a third means of meeting fiscal shortfalls.

To ensure EVWD's customers comply with Ordinance No. 401 Section 15 – Water Conservation and CWC Chapter 3.3 (Excessive Residential Water Use During Drought), additional costs may 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.

9.0 Monitoring and Reporting

The water savings from implementation of the WSCP will be determined based on monthly production reports which are reviewed and compared to production reports and pumping statistics from prior months and the same period of the prior year. Under shortage conditions, these production reports could be prepared as often as daily. At first, the cumulative consumption for the various sectors (e.g., residential, commercial, etc.) will be evaluated for reaching the target level. Then if needed, individual accounts will be monitored. Weather and other possible influences may be accounted for in the evaluation.

10.0 WSCP Refinement Procedures

The WSCP is best prepared and implemented as an adaptive management plan. EVWD will use results obtained from their 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 trigger conditions, changes to the shortage stage structure, and/or changes to customer reduction actions.

Any prospective changes to the WSCP would need to be presented to the Community Advisory Commission and the Legislative and Public Outreach Committee for feedback. Changes to the WSCP would then be presented to EVWD's Board for discretionary approval. Once discretionary approval has been granted, EVWD will hold a public hearing, obtain any comments and adopt the updated WSCP. Notices for refinement and the public hearing date will be published in the local newspaper in advance of any public meetings.

11.0 Plan Adoption, Submittal and Availability

EVWD adopted this WSCP with the 2020 IRUWMP. The 2020 IRUWMP and WSCP were made available for public review in **June 2021** and a public hearing was held on **June 23, 2021** to receive public input on the draft 2020 IRUWMP and the WSCP.

The EVWD Board of Directors adopted the 2020 IRUWMP and the WSCP at a public meeting on **June 23, 2021.** The resolution of adoption is included as an attachment.

This WSCP was submitted to DWR through the WUEData portal before the deadline of **July 1, 2021**.

This WSCP will be available to the public on EVWD's web site.

If EVWD identifies the need to amend this WSCP, it will follow the same procedures for notification to cities, counties and the public as used for the 2020 IRUWMP and for initial adoption of the WSCP.

References

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

Texas Living Waters Project. (2018). *Water Conservation by the Yard: A Statewide Analysis of Outdoor Water Savings Potential.* Austin: Texas Living Waters Project, Sierra Club, National Wildlife Federation. Retrieved from Texas Living Waters Project.

United States Environmental Protection Agency, Office of Water. (2002). *Cases in Water Conservation: How Efficiency Programs Help Water Utilities Save Water and Avoid Costs.* United States Environmental Protection Agency.

Attachment 1: EVWD'S Ordinance – Water Conservation

ORDINANCE NO. 401

AN ORDINANCE OF THE EAST VALLEY WATER DISTRICT RESCINDING ORDINANCE NO. 399 ENTITLED "AN ORDINANCE ESTABLISHING RULES AND REGULATIONS FOR WATER SERVICE, ESTABLISHING A WATER DEPARTMENT, PROVIDING FOR INSTALLATION AND CONNECTION TO DISTRICT WATER MAINS, REGULATING CROSS-CONNECTION CONTROL".

Be it ordained by the Board of Directors of the East Valley Water District, as follows, that Ordinance No. 399 is hereby rescinded and this Ordinance 401 is enacted as follows:

SECTION 1. INDEX

SECTION 2. GENERAL PROVISIONS

2.01 Short Title - This Ordinance may be cited as the "East Valley Water District Water Regulations and Service Ordinance".

2.02 Purpose - This Ordinance is intended to provide rules and regulations applicable to the administration and operational activities of the District. This Ordinance may be amended from time to time by action of the Board of Directors of the East Valley Water District.

2.03 Enabling Statutes - This Ordinance is adopted pursuant to the applicable provisions of Division 12 of the Water Code and Division 5, Chapter 7, Title 5, Division 2 of the Government Code, and further pursuant to the Constitution of the State of California. The District is further authorized by Water Code Section 31027 to prescribe and define by Ordinance those restrictions, prohibitions, and exclusions it may determine to be necessary pursuant to the California Constitution Article X, Section 2 and Water Code Sections 31026 and 350 et seq. to restrict the use of District water during threatened or existing water shortages. It is therefore the intent of the Board of Directors to establish by this Ordinance those procedures and policies necessary to the orderly administration of a water conservation program to prohibit waste and to restrict the use of water during a water shortage or emergency.

2.04 Application - This Ordinance shall apply to all water facilities constructed, maintained, and operated by the District.

2.05 Enterprise - The District will furnish and/or make available, a system, plant, works, and undertaking used for and useful in, the delivery of water for the District's service area, including all annexations thereto, lands, easements, rights in land, contract rights and franchises.

2.06 Separability - If any section, subsection, sentence, clause, phrase, or portion of this Ordinance or the application thereof to any person or circumstances are for any reason held to be unconstitutional or invalid by any court of competent jurisdiction, such decision shall not affect the validity of the remaining portions of this Ordinance or the application of such provision to other persons or circumstances. The governing body hereby declares that it would have passed this Ordinance or any section, sub-section, sentence, clause or phrase hereof irrespective of the fact

that one or more sections, subsections, sentences, clauses or phrases be declared to be unconstitutional.

2.07 Words and Phrases - For the purpose of this Ordinance all words used herein in the present tense shall include the future; all words in the plural number shall include the singular number; and all words in the singular number shall include the plural number.

2.08 Posting - Upon adoption, this Ordinance shall be entered in the minutes of the governing body and certified copies hereof shall be posted in three (3) public places and/or published in a newspaper of general circulation in the District service area within ten (10) days following its passage.

2.09 Means of Enforcement - The District hereby declares that the procedures contained herein are established as a means of enforcement of the terms and conditions of its ordinances, rules and regulations and not as a penalty.

2.10 Notices - Whenever a notice is required to be given under this Ordinance, unless different provisions are specifically made herein, such notice may be made either by personal delivery thereof to the person to be notified or by deposit in the U.S. mail in a sealed envelope, postage prepaid, addressed to such person at his last known business or residence address as the name appears in public records or other records pertaining to the matter to which the notice is directed. Service by mail shall be deemed to have been completed at the time of deposit in the post office.

Proof of giving any notice may be made by the certificate of any officer or employee of the District or by affidavit of any person over the age of eighteen years, which shows service in conformity with the Ordinance or other provisions of law applicable to the subject matter concerned.

2.11 Effect of Heading - The title, division or section headings contained in this Ordinance shall not be deemed to govern, limit or modify in any manner the scope, meaning or intent of any section or subsection of this Ordinance.

SECTION 3. DEFINITIONS

3.01 Applicant - Shall meanthe person making application hereunder who must be either (a) the owner of the subject premises, (b) the agent or customer authorized in writing to make application hereunder on behalf of the owner of the subject premises or, (c) a licensed plumber or contractor authorized in writing to make application hereunder for the subject premises.

3.02 Approved Backflow Prevention Assembly - A device deterring the reversal of flow of water or mixtures of water and other liquids, gasses, and/or other substances into the distribution pipes of the District's potable supply of water through any Cross-Connection. Said device must have been investigated and approved for use as either an Air-gap separation, Double Check Valve Assembly, or Reduced Pressure Principle Backflow Prevention Device by the Foundation for Cross-Connection Control and Hydraulic Research of the University of Southern California, or by any other laboratory having equivalent capabilities for both the laboratory evaluation and field evaluation thereof.

3.03 Board - The Board of Directors of the East Valley Water District.

3.04 Commercial - Any service not covered by the residential description. This shall include, but not be limited to, schools, dry cleaners, laundries, and businesses.

3.05 Connection - The pipeline and appurtenant facilities such as the curb stop, meter and meter box, all used to extend water service from the main to the premises, the laying thereof and the tapping of the main. Where services are divided at the curb or property line to serve several customers, each such branch service shall be deemed a separate service.

3.06 Cost - The cost of labor, materials, transportation, supervision, engineering, and all other necessary overhead expenses.

3.07 County - The County of San Bernardino, California.

3.08 Cross-Connection - An unprotected actual or potential connection between a potable water system used to supply water for drinking purposes and any source or system containing unapproved water or a substance that is not or cannot be approved a safe, wholesome and potable. By-pass arrangements, jumper connections, removable sections, swivel or changeover

devices, or other devices through which backflow could occur, shall be considered to be cross-connections.

3.09 **Customer** - Any person (as defined) supplied with, or entitled to be supplied with water service by the District.

3.10 **Customer's Service Valve** - A valve independent of the District's facilities located in the customer's piping as close to the meter as practicable, the operation of which will control the entire water supply from the meter.

3.11 **District** - Shall mean the East Valley Water District, San Bernardino County, California.

3.12 **Director of Engineering and Operations** - Shall be a Registered Civil Engineer of the State of California.

3.13 **Engineering Services** - The Engineering services provided by the District shall include technical and procedural guidance, professional consultant services, project coordination, and plan checking.

3.14 **Financial Officer** - Shall be the Treasurer appointed by the Board of Directors.

3.15 **Fire Hydrant - Short-Side:** The case where the water main and the hydrant are on the same side of the street's centerline. **Long-Side:** The case where the water main and the hydrant are on the opposite sides of the street's centerline.

3.16 **General Manager** - Shall mean the General Manager/Chief Executive Officer of the District.

3.17 **Governing Body** - Shall mean the Board of Directors of the East Valley Water District.

3.18 **Inspector** - Shall mean the person who shall perform the work of inspecting water facilities under the jurisdiction or control of the District.

3.19 **Main** - A water line in a street, highway, alley or easement used for public and private fire protection and for the general distribution of water.

3.20 **Owner** - The person owning in fee title, or in whose name the legal title to the property appears, by deed duly recorded in the County Recorder's office, or the person in possession of the property or buildings under claim of, or exercising acts of ownership over the same for himself or, as executor, administrator, guardian, or trustee of the owner.

3.21 **Permit** - Any written authorization required pursuant to this or any other regulation of the District.

3.22 **Person** - Any human being, individual, firm, company, partnership, association and private, public or municipal corporation, the United States of America, the State of California, a district and any political subdivision, or governmental agency.

3.23 **Premises** - A lot or parcel of real property under one ownership, except where there are well defined boundaries or partitions such as fences, hedges or other restrictions preventing the common use of the property by several tenants, in which case each portion shall be deemed separate premises. Apartment houses and office buildings may be classified as single premises.

3.24 **Private Fire Protection Service** - Water service and facilities for building sprinkler systems, hydrants, hose reels and other facilities installed on private property for fire protection and the water available therefor.

3.25 **Public Fire Protection Service** - The service and facilities of the entire water supply, storage, and distribution system of the District, including the fire hydrants affixed thereto, and the water available for fire protection, excepting house service connections and appurtenances thereto.

3.26 **Regular Water Service** - Water service and facilities rendered for normal domestic, commercial, and industrial purposes on a permanent basis, and the water available therefor.

3.27 **Residential** - Any service with a building that serves as a single-family home, duplex or triplex, apartments, co-operatives, or townhouses.

3.28 **Secretary** - The Secretary to the Governing Body.

3.29 Temporary Water Service - Water service and facilities rendered for construction work and other uses of limited duration, and the water available therefor.

3.30 Waste - Any unreasonable method or non-beneficial use of water, including, but not limited to, the specific uses prohibited and restricted by this Ordinance as hereinafter set forth.

3.31 Water Department - The Board of Directors of the District performing functions related to the District's water service, together with the General Manager, the Director of Engineering and Operations, the Financial Officer and any other duly authorized representative.

3.32 Water Supply Shortage - Any water shortage caused by drought or any other threatened or existing water shortage, disaster or facility failure, earthquake, loss of electrical power, pipeline breakage, or other condition which results in or threatens to result in the District's inability to meet the water demands of its customers.

3.33 Water User - Any person, firm, partnership, association, corporation or political entity using water obtained from the water system of the District.

3.34 Water - That water supplied by the East Valley Water District.

SECTION 4. WATER DEPARTMENT

4.01 Creation - A Water Department is hereby created comprised of the Directors, the General Manager, the Financial Officer, and Director of Engineering and Operations and such other employees and assistants as may be hired therefor.

4.02 General Manager - The General Manager, as provided for in the Water Code Section 30580, shall have full charge and control of the maintenance, operation and construction of the water works and water distribution system of the District.

4.03 Director of Engineering and Operations - The position of Director of Engineering and Operations is hereby created. The Director of Engineering and Operations shall regularly inspect all physical facilities related to the District water system, to see that they are in good repair and proper working order, and to note and report violations of any ordinances or water regulations.

4.04 Violation, Repairs - The Director of Engineering and Operations shall promptly report any violation or disrepair to the General Manager. If the work required is in the nature of an emergency, he/she shall take whatever steps necessary to maintain service to the consumers pending action by the General Manager.

4.05 Supervision - The Director of Engineering and Operations shall supervise all repair or construction work authorized by the Board or General Manager and perform any other duties prescribed by the Board or General Manager.

4.06 Performance of Duties - The foregoing duties of the Director of Engineering and Operations may be performed by the General Manager or by an additional employee or employees as designated by the Director of Engineering and Operations and/or General Manager.

4.07 The Financial Officer - The Financial Officer shall install and maintain a system of auditing and accounting that shall completely and at all times show the financial condition of the District. Furthermore the Financial Officer shall compute, prepare, and mail bills as hereinafter prescribed, make and deposit collections, maintain proper books of account, collect, account for, refund deposits, and do whatever else is necessary or directed by the General Manager to set up and maintain an efficient and economical accounting system and perform any other duties now and hereafter prescribed by the Board of Directors.

SECTION 5. GENERAL RULES

5.01 Standards - The Governing Body may, from time to time, adopt standard requirements for the design, construction, repair and maintenance, or connection to the District's water system.

5.02 Violation Unlawful - Following the effective date of this Ordinance, it shall be unlawful for any person to connect to, construct, install, provide, maintain or use any other means of water facilities from any building in the area serviced with water by said District except by connection to water facilities in the manner as provided for in this Ordinance. Any violation of this Ordinance will be subject to the provisions of this Section at the discretion of the General Manager, Financial Officer, or Director of Engineering and Operations.

5.03 **Notice** - Wherever, and whenever, practicable under the particular circumstances of the situation, and pursuant to the discretion of the General Manager, Financial Officer, or Director of Engineering and Operations, any person found to be violating any provisions of this or any other ordinance, resolution, rule or regulation of the District shall be served by the Inspector or other authorized person with written notice stating the nature of the violation and providing a reasonable time limit for the satisfactory correction thereof. Said time limit shall be not less than two, nor more than seven working days. The offender shall, within the period of time stated in such notice, permanently cease all violations. All persons shall be held strictly responsible for any and all acts of agents or employees done under the provisions of this Ordinance or any other rule or regulation of the District.

5.04 **Protection from Damage** - No person shall maliciously, willfully, or negligently break, damage, destroy, uncover, deface, or tamper with any structure, appurtenances, or equipment which is a part of the District's water works. Any person violating this provision shall be subject to the penalties provided by law.

5.05 **Investigation Powers** - The officers, inspectors, managers, and any duly authorized employees or agents of the District shall carry evidence establishing their position as an authorized representative of the District and, upon exhibiting the proper credentials and identification, shall be permitted to enter in and upon any and all buildings, industrial facilities and properties to which the District is furnishing water, or has been requested to furnish water for the purpose of inspection, re-inspection, observation, measurement, sampling, testing or otherwise performing such duties as may be necessary in the enforcement of the provisions of the ordinances, resolutions, rules and regulations of the District pursuant to the authorization contained in the required application for water service.

5.06 **Non-Compliance with Regulations** - As an alternative method of enforcing the provisions of this or any ordinance, resolution, rule or regulation of the District, the District shall have the power to disconnect the user or subdivision water service from the water mains of the District.

5.07 Liability for Violation - Any person violating any of the provisions of the ordinances, rules or regulations of the District shall become liable to the District for any expense, loss or damage, occasioned by the District by reason of such violation.

5.08 Relief on Application - When any person, by reason of special circumstances, is of the opinion that any provision of the ordinances, rules or regulations of the District is unjust or inequitable as applied to his/her premises, that person may make written application to the Governing Body stating the special circumstances, citing the provision complained of and requesting suspension or modification of that provision as applied to his/her premises. If such application is approved, the Governing Body may, by resolution, suspend or modify the provision complained of, as applied to such person or premises, to be effective as of the date of the application and continuing during the period of the special circumstances.

5.09 Relief on Own Motion - The Governing Body may, on its own motion, find that by reason of special circumstances, any provisions of its ordinances, rules or regulations should be suspended or modified as applied to a particular person or premises and may, by resolution, order such suspension or modification for such premise or person during the period of such special circumstances or any part thereof.

5.10 Maintenance of Water Pressure and Pressure Conditions - The Board shall not accept any responsibility for the maintenance of pressure and it reserves the right to discontinue service while making emergency repairs, or other work required on the water system as determined by the General Manager and/or the Director of Engineering and Operations. Consumers dependent upon a continuous supply of water should provide emergency storage. All applicants for service connections or water service shall be required to accept such conditions of pressure and service as are provided by the distribution system at the location of the proposed service connection, and to hold the District harmless for any damages arising out of low pressure or high pressure conditions or interruptions of service.

5.11 Tampering with District Property - Except as otherwise specifically authorized by the General Manager, no one, except an employee or representative of the District shall at any

time, in any manner, operate the curb stops or valves, gates or valves of the District's system or interfere with meters or their connections, street mains or other parts of the water system.

5.12 Remedies for Violation - Failure of a customer to comply with any part of this Ordinance, or any other ordinance, resolution, rule, or regulation of the District, shall result in the District's discontinuance and/or refusal to provide water service to said customer's premises and in the exercise by the District in its lawful discretion of any and all other rights and remedies that are available to the District under the law.

5.13 Water System - The District will furnish a system, plant, works and undertakings used for and useful in obtaining, conserving and disposing of water for public and private uses, including all parts of the Enterprise, all appurtenances to it, lands, easements, rights in land, water rights, contract rights, franchises, and other water supply, storage and distribution facilities and equipment.

5.14 Number of Services per Premises - The applicant may apply for as many services as may be reasonably required for their premises provided that the pipeline system for each service be independent of the others and that they not be interconnected.

5.15 Water Waste - No customer shall knowingly permit leaks or waste of water. Where water is wastefully or negligently used on a customer's premises, seriously affecting the general service, the District may discontinue the service if such conditions are not corrected after giving notice of violation as provided in Section 5.03 herein.

5.16 Responsibility for Equipment on Customer Premises - All facilities installed by the District on private property for the purpose of rendering water service shall remain the property of the District and may be maintained, repaired, or replaced by the Water Department without consent or interference of the owner or occupant of the property. The property owner shall use reasonable care in the protection of the facilities.

5.17 Damage to Water Facilities - The customer shall be liable for any damage to the service facilities when such damage is from causes originating on the premises by an act of the customer or his tenants, agents, employees, contractors, licensees, or permittees, including the

breaking or destruction of locks by the customer or others on, or near, a meter, and any damage to a meter that may result from hot water or steam from a boiler, or heater, on the customer's premises. The District shall be promptly reimbursed for any such damage upon presentation of a bill to the customer.

5.18 Ground Wire Attachments - All individuals or business organizations are forbidden to attach any ground wire, or wires, to any plumbing which is, or may be, connected to a service connection or main belonging to the District. The District will hold the customer liable for any damage to its property occasioned by such ground wire attachments.

5.19 Control Valve on Customer Property - The customer shall provide a valve on his/her side of the service installation as close to the meter location as practicable to control the flow of water to the piping on his/her premises. The customer shall not use the service curb stop to turn water on and off for his/her convenience.

5.20 Unsafe Apparatus - Water service may be refused or discontinued to any premises where apparatus or appliances are in use which might endanger or disturb the service to other customers.

5.21 Cross-Connections - Water service may be refused or discontinued to any premises where there exists a cross-connection as defined in Section 9 of this Ordinance.

5.22 Fraud or Abuse - Service may be discontinued, if necessary, to protect the District against fraud or abuse.

5.23 Interruption in Service - The District shall not be liable for damage which may result from an interruption in service from a cause beyond the control of the Water Department.

5.24 Ingress and Egress - All duly authorized employees, agents, and representatives of the District shall have the right of ingress and egress to the customer's premises at reasonable hours for any purpose reasonably connected with the furnishing of water service.

5.25 Installation of Services - Only duly authorized employees, agents, and representatives of the District shall install service connections to the District's water system. All service connections shall comply with the specifications of the District. Meters will be installed in

the public right of way, or within an acceptable easement, and shall be owned by the District. No rent or other charge will be paid by the District for a meter or other facilities, including connections. All meters will be sealed by the District at the time of installation and no seal shall be altered or broken except by one of the District's authorized employees or agents.

5.26 Change in Location of Meters - Meters moved for the convenience of the customer will be relocated at the customer's expense. Meters moved to protect the District's property will be moved at District expense.

5.27 Size and Location - The District reserves the right to determine the size of service connections and their location with respect to the boundaries of the premises to be served. Service installations will be made only to property abutting on distribution mains as have been constructed in public streets, alleys or easements or to extensions thereof as herein provided. Services installed in new subdivisions prior to the construction of streets, in advance of street improvements, must be accepted by the applicant in the installed location.

5.28 Curb Stop - Each service connection installed by the District shall be equipped with a curb stop, or wheel valve, on the inlet side of the meter. Such valve, or curb stop, is intended for the exclusive use of the District in controlling the water supply through the service connection pipe. If the curb stop, or wheel valve, is damaged by the customer's use to an extent requiring replacement, such replacement shall be at the customer's expense.

5.29 Access to Meters - The District reserves the right to enter upon the applicant's premises for the purpose of reading, repairing, or replacing the water service meter. The applicant shall be solely responsible for the control of all animals which may pose a potential threat to District employees and shall be liable for any injury to District employees resulting from unrestrained animals. Should an applicant for new service fail to properly restrain animals present on his property, the District may, upon written notice, refuse to install or turn on service until such time as the District determines that a threat to its employees no longer exists. When there is an ostensive risk to employees at an established service due to the presence of unrestrained animal(s) or other hazard(s), the employee will not be required to read the meter, etc. The customer will be

notified of the situation and the bill will be estimated based upon an average of the most recently recorded six (6) month's consumption until a personal risk by the District's employee is no longer an issue. Upon verification that the premises no longer appear to be a threat to the safety of the employee, the meter will be read in the presence of the customer, or someone of his/her choosing, and the billing will be adjusted accordingly.

SECTION 6. APPLICATION FOR WATER SERVICE

6.01 Application for Water Service - A property owner or his/her agent, designated in writing, shall make application for regular water service by personally signing a Service Agreement provided by the District and paying the required fees. The property owner will remain the primary account holder, or Customer of Record, with respect to District services for as long as they own the property.

6.02 Water Service to Customers other than Property Owners - Water Service to other than property owners shall be made as follows:

6.02.01 Additional Customer of Record - If the Property owner rents the premises to a tenant, the tenant may have water and other services instituted in their name by completing an Owner Authorized Billing Agreement. The tenant and owner must both sign the agreement and the District must be provided with a copy of an active rental agreement. In any event, the tenant must provide the District with the property owner's name, mailing address, and telephone number.

6.02.02 Owner Responsibility - Whether or not a property owner signs the District's Owner Authorized Beiling Agreement form, the property owner is not relieved of his or her responsibility for unpaid water charges for the subject property as provided in this ordinance and pursuant to California Water Code Section 31701.5, et.seq.

6.03 Payment of Delinquent Charges - As a precondition to receiving water service from the District, the applicant for service shall pay any and all unpaid charges that have accrued on any closed accounts previously held by the applicant with the District as well as pay any and

all delinquent charges that have accrued on any open accounts currently held by the applicant with the District.

6.04 Security Deposit - A security deposit for each residential, commercial or retail unit shall be deposited at the time application for service is made. The District may, at its sole election, include the required security deposit on the customer's first billing invoice.

6.04.01 Single-Family Residential Exception - The security deposit for a single-family residential unit may not be required if the person requesting service is a new residential applicant who is determined by the District to be creditworthy. The determination of an applicant's creditworthiness shall be based solely upon criteria developed by the District and may be appealed in the manner set forth in Section 11 herein. However, during the life of the account, the District may, in its sole discretion, require any customer, regardless of whether he or she was previously found to be creditworthy, to post a full security deposit with the District any time there are three (3) delinquencies within any consecutive six (6) month period, or as a precondition to reinstatement of service anytime after being disconnected for non-payment.

6.04.02 Security Deposit Refund - Refunds of security deposits will be performed in the manner set forth below. Such refunds will be credited to any account held by the customer with the District in lieu of a refund check. Interest on the security deposits shall remain the sole property of the District and will not be included in any refund.

6.04.02.01 Residential - The District shall refund each security deposit to a residential customer as follows:

a. Where single-family residential funds have been on deposit for one year in a customer's account, and there have been no delinquency payments on any of the customer's accounts with the District during that year, the customer may request a refund of the full deposit. However, the District may, at its sole option, require any customer to post a full security deposit with the District any time there are three (3) delinquencies within any consecutive six (6) month period, or as a precondition to reinstatement of service anytime after being locked off for non-payment.

b. Where multi-family residential customer deposits have been on deposit for one year in a customer's account and there has been no delinquency payment on any of the customer's accounts with the District during that year and upon the customer's request, one-half of the deposit will be refunded to the customer by means of a credit on the account. However, if the customer is delinquent on any payment thereafter, the District may, at its sole option, charge back the credited amount.

c. Within thirty (30) days after the applicant provides written notice to terminate water services, or when a new property owner tenders a full deposit for the same property, in which case the refunded deposit shall first be applied toward the unpaid balances in any account held by the customer with the District before the remaining sum, if any, is refunded to the customer.

6.04.02.02 Non-Residential - The District shall refund the security deposit for commercial, retail, industrial, fire service and irrigation connections as follows:

a. Where funds have been on deposit for one year in a customer's account and there has been no delinquency payment on any of the customer's accounts with the District during that year and upon the customer's request, one-half of the deposit will be refunded to the customer by means of a credit on the account. However, if the customer is delinquent on any payment thereafter, the District may, at its sole option, charge back the credited amount.

b. Within thirty (30) days after the applicant provides written notice to terminate water services, or when a new property owner tenders a full deposit for the same property, in which case the refunded deposit shall first be applied toward the unpaid balances in any account held by the customer with the District before the remaining sum is refunded to the customer.

6.05 Change in Customer's Equipment - Customers who make any material change in the size, character of, extent of the equipment or operations utilizing water service, or whose change in operations results in a significant increase in the use of water shall immediately give the District written notice of the nature of the change and, if necessary, amend their application.

6.06 Domestic, Commercial and Industrial Service Connections - It shall be unlawful to maintain a connection excepting in conformity with the following:

6.06.01 Multiple Building - Multiple houses or buildings under one ownership and on the same lot or parcel of land may be supplied through the same service connection, provided that the service connection shall be of such size to adequately serve said houses or buildings.

6.06.02 Single-Service Connection - Not more than one service connection for domestic or commercial supply shall be installed for one building, except when authorized by the District.

6.06.03 Separate Service Connection - A service connection shall not be used to supply any adjoining property, or property across a street, alley, or easement. Each service connection shall serve only one property or individual parcel.

6.06.04 Divided Property - When property provided with a service connection is divided, the service connection shall be considered as belonging to the lot or parcel of land which it directly enters.

6.07 Service Connection Maintenance - The service connection extending from the water main to the meter, meter box,curb stop, wheel valve, or coupling shall be maintained by the District. All pipes and fixtures extending or laying beyond the meter coupling shall be installed and maintained by the owner of the property.

6.08 Damage through Leaking Pipes and Fixtures - When requested to turn on the water supply to a house or property, the District will make a reasonable attempt to ascertain if water is running on the inside of the building. If such is found to be the case, the water will be left shut off at the curb stop or the private shutoff. The District's jurisdiction and responsibility ends at the customer's connection to the meter. The Board will in no case be liable for damages occasioned by water running from open or faulty fixtures, or from broken or damaged pipes beyond the meter.

6.09 Damage to Meters - The District reserves the right to set and maintain ameter on any service connection. The water customer shall be held liable for any damage to the meter due to customer's negligence or carelessness.

6.10 Main Extension Required - The District may provide for all main extensions upon application for service and payment of required charges. Customer may elect to extend mains according to agreements between the customer and the District providing the work meets District standards.

6.10.01 Application - Any owner of one or more lots, parcels, or a sub-divider of a tract of land desiring the extension of one or more water mains to serve such property, shall make written application therefor to the District. Said application shall contain the legal description of the property to be served, tract number, and any additional information which may be required by the District and shall be accompanied by a map showing the location of the proposed connections.

6.10.02 Investigation - Upon receipt of the application requesting the District to install facilities, the District shall make an investigation and survey of the proposed extension and estimate the cost thereof.

6.10.03 Dead-End Lines - No dead-end lines shall be permitted, except at the discretion of the General Manager, and in cases where circulation lines are necessary, they shall be designed and installed by the District as part of the main extension.

6.10.04 Specifications and Construction - The size, type and quality of materials and location of the lines shall be specified and approved by the District.

6.10.05 Property of the District - Upon completion of such installation as approved by the District, the facilities shall be dedicated to and become property of the District.

6.10.06 Connections - The applicant shall, at his cost, provide all connections to buildings and private water systems, as herein provided.

SECTION 7. TEMPORARY SERVICE

7.01 Duration of Service - Temporary service connections shall be disconnected and terminated within six months after installation unless an extension of time is granted in writing by the General Manager, Financial Officer, or Director of Engineering and Operations.

7.02 Security Deposit - The applicant shall deposit, in advance, the estimated cost of the temporary service. Upon discontinuance of service, the actual cost shall be determined, and an adjustment made as an additional charge, refund or credit.

7.03 Installation and Operation - All facilities for the temporary service to the customer shall be made and operated in accordance with District instructions. The District may, at its discretion, restrict or terminate the service at any time.

7.04 Responsibility for Meters and Installations - The customer shall use all possible care to prevent damage to the meter, or to any other loaned facilities of the District, which are involved in furnishing the temporary service from the time they are installed until they are removed. If the meter or other facilities are damaged, the cost of making repairs shall be paid by the customer. The customer shall give notice to the District in writing at least forty eight (48) hours prior to the time the customer or other person is through with the meter, or meters, and the installation.

7.05 Supply from Fire Hydrant - An applicant for temporary use of water from a fire hydrant must apply for a temporary water service and pay a hydrant meter deposit. The applicant shall also pay for water used in accordance with the meter readings, at the rates prescribed by the Board.

7.06 Unauthorized Use of Hydrants - Tampering with any fire hydrant for the unauthorized use of water therefrom or for any other purpose is subject to a fine, per occurrence, as may be set by the Board.

7.07 Meter Availability - As prescribed by the District, the applicant shall make the hydrant meter available for reading on a monthly basis for actual water usage. If the hydrant meter is not available for the monthly reading as prescribed by the District, a supplementary fee of $100

will be charged for each month the meter is not read to cover the expense required for corrections to billing records.

7.08 Pools and Tanks - When an abnormally large quantity of water is desired for filling a swimming pool or for other purposes, arrangements must be made with the District prior to taking such water. Permission to take water in unusual quantities will be given only if it can be safely delivered through the District's facilities and if other consumers are not inconvenienced thereby.

7.09 Responsibility for Equipment - The customer shall, at his own risk and expense, furnish, install and keep in good and safe condition all equipment that may be required for receiving, controlling, applying and utilizing water, and the District shall not be responsible for any loss or damage caused by the improper installation of such equipment, or the negligence or wrongful act of the customer or any of his tenants, agents, employees, contractors, licensees or permitees in installing, maintaining, operating or interfering with such equipment. The District shall not be responsible for damage to property caused by faucets, valves and other equipment which are open when water is turned on at the meter, either originally or after a temporary shutdown.

SECTION 8. FIRE PROTECTION

8.01 Public Fire Protection - The following pertains to the use of District facilities for public fire protection:

8.01.01 Use of Fire Hydrants - Fire Hydrants are for use by the District or by organized fire protection agencies pursuant to contract with the District. Other parties desiring to use fire hydrants for any purpose must obtain prior written permission from the Water Department and shall operate the hydrant in accordance with instructions issued by the Water Department. Unauthorized use of hydrants will be prosecuted according to law.

8.01.02 Moving of Fire Hydrants - When a fire hydrant has been installed in the location specified by the proper authority, the District has fulfilled its obligation. If a property owner or other party desires a change in the size, type, or location of the hydrant, they shall bear

all costs of such changes without refund. Any change in the location of a fire hydrant must be approved by the proper authority.

8.02 Private Fire Protection Service - The following pertains to the use of District facilities for private fire protection systems:

8.02.01 Payment of Cost - The applicant for private fire protection service shall pay the total actual cost of installation of the service from the distribution main to the service location including the cost of a detector check meter or other suitable and equivalent device, valve and meter box, said installation will become the property of the District.

8.02.02 No Connection to Other Systems - Unless authorized and under special circumstances, there shall be no connection between the fire protection system and any other water distribution system on the premises.

8.02.03 Use - There shall be no water used through the fire protection service except to extinguish fires and for testing the fire fighting equipment.

8.02.04 Charges for Water Used - Any consumption recorded on the meter will be charged as provided in District Resolutions, except that no charge will be made for water used to extinguish fires reported to the fire department.

8.02.05 Monthly Rates - The monthly rates for private fire protection shall be established by Resolution of the Board of Directors.

8.02.06 Water for Fire Storage Tanks - Occasionally water may be obtained from a private fire service for filling a tank connected with the fire service, but only if written permission is secured in advance from the District and an approved means of measurement is available.

8.02.07 Violation of Agreement - If water is used from a private fire service in violation of the agreement or this Ordinance, the District may, at its option, discontinue and remove the service.

8.02.08 **Valve** - When a fire service connection is installed, the valve governing same will be closed and sealed and remain so until a written order is received from the owner of the premises to have the water turned on.

8.02.09 **Meter** - If the District does not require a meter, and if water is used through a fire service connection for any other purpose than extinguishing fires, the District shall have the right to place a meter on the fire service connection at the owner's expense and assess the appropriate capacity fees, or shut-off the entire water supply from such premises.

8.02.10 **Additional Service** - The District shall have the right to take a domestic, commercial, or industrial service connection from the fire service connection at the curb to supply the same premises as those to which the fire service connection belongs. The Board shall also have the right to determine the proportion of the installation costs properly chargeable to each service connection, if such segregation of costs shall become necessary.

8.02.11 **Check Valve** - The Board reserves the right to install on all fire service connections a check valve of a type approved by the National Board of Fire Underwriters and to equip the same with a by-pass meter at the expense of the owner of the property.

SECTION 9. CROSS-CONNECTION CONTROL

9.01 **Purpose - The purpose and intent of this Section:**

a. To comply with the requirements imposed upon the District pursuant to Sections 7583-7605 of the California Code of Regulations ("Title 17") and all other applicable regulations regarding Cross-Connection Control.

b. To protect the public potable water supply of this District from the possibility of contamination or pollution by isolating within the customer's internal distribution system(s), or the customer's private water system(s), such contaminants or pollutants which could backflow into the District's public water system(s); and

c. To promote the elimination or control of existing cross-connections, actual or potential, between the customer's potable water system(s) and non-potable water system(s), plumbing fixtures and industrial systems; and

d. To provide for the maintenance of a continuing Cross-Connection Control Program which will systematically and effectively minimize the potential for contamination or pollution of the potable water system.

9.02 Application - The provisions of Title 17 and all other regulations regarding Cross-Connections that are adopted by the State of California Department of Health Services pursuant to California Water Code Sections 100205, 100275, and 116375(c), all as the same may be amended from time to time, are hereby adopted by the District, incorporated herein by this reference, and made a part hereof as though set forth in full.

9.03 Definitions - In addition to the definitions in Title 17, the following terms are defined for the purpose of this chapter:

9.03.01 Approved Water Supply - The term "Approved Water Supply" shall mean a water supply whose potability is regulated by the Department of Health Services.

9.03.02 Auxiliary Water Supply - Any water supply, other than the District's, which is either on or available to the property will be considered as an auxiliary water supply. These auxiliary waters may include water from another public potable water supply or from any natural source(s) such as a well, river, stream or used water. These waters may be contaminated, polluted or constitute an unacceptable water source over which the District does not have sanitary control.

9.03.03 Backflow - The term "backflow" shall mean the undesirable reversal of flow of water or mixtures of water and other liquids, gasses, or substances into the distribution pipes of the District's potable supply of water from any source or sources.

9.03.04 Backpressure - The term "backpressure" shall mean any elevation of pressure in the downstream piping system above the supply pressure at the point of consideration which would cause, or tend to cause, a reversal of the normal direction of flow.

9.03.05 Backsiphonage - The term "backsiphonage" shall mean a form of backflow due to a reduction in system pressure which causes a sub-atmospheric pressure to exist at a point in the water system.

9.03.06 **Backflow Preventer** - An assembly or means designed to prevent a reverse flow condition created by a difference in water pressures.

9.03.07 **Backflow Prevention Devices** - The actual types of devices that may be required and are acceptable for use in the District are as follows:

a. **Air Gap** - The term "Air Gap" shall mean a physical separation. between the free flowing discharge end of a potable water supply pipeline and an open or non-pressure receiving vessel.

b. **Reduced Pressure Principle Backflow Prevention (RPP) Assembly** - The term "RPP Assembly" shall mean an assembly containing two independently acting approved check valves together with a hydraulically operating, mechanically independent, pressure differential relief valve located between the check valves. The unit shall include properly located resilient seated test cocks and tightly closing resilient seated shutoff valves at each end of the assembly.

c. **Double Check Valve Backflow Prevention (DC) Assembly** - The term "DC Assembly" shall mean an assembly composed of two independently acting approved check valves including tightly closing resilient seated shutoff valves attached at each end of the assembly and fitted with properly located resilient seated test cocks.

9.03.08 **Contamination** - The term "contamination" shall mean an Impairment of the quality of the water which creates an actual hazard to the public health through poisoning or through the spread of disease by bacteria, virus, sewage, industrial fluids, or other toxic substances.

9.03.09 **Controlled Cross-Connections** - A connection between a potable and non-potable water system with an approved backflow prevention assembly properly installed and maintained so that it will continuously afford the proper protection.

9.03.10 **Cross-Connection Control by Containment** - The term "cross-connection control by containment (service protection)" shall mean the appropriate type or method of backflow protection at the service connection.

9.03.11 **Degree of Hazard** - The term "degree of hazard" shall mean either a contamination (health), plumbing, pollutional (non-health) or system hazard. Listed in order of severity, each is defined as follows:

a. **Health Hazard** - The term "health hazard" shall mean an actual or potential threat of contamination of a physical or toxic nature to the District's water system or the consumer's potable water system that would be a danger to health.

b. **Plumbing Hazard** - The term "plumbing hazard" shall mean an internal or plumbing type cross-connection in a consumer's potable water system that may be either a pollutional or contamination type hazard. This includes, but is not limited to, cross-connections to toilets, sinks, lavatories, wash basins, swimming pool plumbing systems, and lawn sprinkler systems. If permitted to exist, "plumbing hazard" must be properly protected by an appropriate type of backflow prevention assembly.

c. **Pollutional Hazard** - The term "pollutional hazard" shall mean the actual, or potential, threat to the physical properties of the water system or the potability of the system but which would not constitute a health or system hazard, as defined. The potable water system would be degraded, depending on the degree or intensity of pollution, to the point where it becomes a nuisance, aesthetically objectionable, or cause minor damage to the system or its appurtenances.

d. **System Hazard** - The term "system hazard" shall mean an actual,or potential, threat of severe danger to the physical properties of the District's or consumer's potable water system which could have a delayed effect on the quality of the potable water in the system.

9.03.12 **Industrial Fluids** - The term "industrial fluids" shall mean any fluid or solution which may be chemically, biologically, or otherwise contaminated or polluted in a form or concentration which would constitute a health, system, pollutional, or plumbing hazard if introduced into an approved water supply system.

9.03.13 **Pollution** - The term "pollution" shall mean an impairmentof the quality of the water to a degree which does not create a hazard to the public's health, but which does adversely affect the aesthetic qualities of such waters for domestic work.

9.03.14 **Potential** - The term "potential" shall mean something perceived that can develop into or become actual.

9.03.15 **Service Connection** - The term "service connection" shall mean the downstream end of the water meter. This is the point of delivery to the customer's water system where the District loses jurisdiction and sanitary control of the water.

9.03.16 **Potable Water** - The term "potable water" shall mean any public/private water supply that has been investigated and approved for human consumption.

9.03.17 **Non-Potable Water** - The term "non-potable water" shall mean a water supply that has not been approved for human consumption.

9.03.18 **Used Water** - The term "used water" shall mean any water supplied by the District from a public potable water system to a customer's water system after it has passed through the service connection and is no longer under the control of the District.

9.04 **Determination** - The District shall conduct surveys to identify Water User Premises where Cross-Connections are likely to occur and evaluate the degree to potential health hazard to the Water which may be created as a result of conditions existing on a Water User's Premises. At a minimum, the evaluation shall consider the factors identified in Section 7585 of the California Code of Regulations. However, notwithstanding anything herein to the contrary, the District shall not be legally responsible for the abatement of any Cross-Connection which may be found to exist within a Water User's Premises.

9.05 **Notice** - Upon determination by the District that a Cross-Connection exists within the scope of this Section, the District shall give written notice to the affected Customer to install an Approved Backflow Prevention Assembly of a type and quality, and at a specific location, deemed appropriate by the District. The Customer shall immediately cause such device to be installed at his or her expense, and in the manner prescribed by the District, which thirty (30) days of the issuance of said notice.

9.06 **Installation** - The location of any Approved Backflow Prevention Assembly installed pursuant to this Section shall be at the Customer's point of connection to the District's

Water, or within the Customer's Premises, or both, as determined by the District in the exercise of its discretion. If an approved Backflow Prevention Assembly is required on the Customer's connection to the District's Water, it shall be located at or near the property line of the Premises or immediately outside the building being served, but, in all cases, at a place deemed acceptable to the District that is before the first branch line leading off the service line.

9.06.01 Typical Installations - Conditions where an approved backflow prevention assembly is required on each service connection shall include, but not be limited to, the following:

a. In the case of any property having an auxiliary water supply, or one that is being fed by another outside water source, the public water system shall be protected against backflow from the premises by installing an approved Air Gap or RPP device.

b. In the case of any property on which toxic chemicals, pollutants, industrial fluids, or any other objectionable substances are handled, or stored, in such a fashion as to create an actual or potential hazard to the District's system, the public water system shall be protected against backflow from the premises by installing an approved Air Gap or RPP device.

c. In the case of any property having internal cross-connections that cannot be permanently corrected or protected against, or intricate plumbing and piping arrangements or where entry to all portions of the premises is not readily accessible for inspection purposes, making it impracticable or impossible to ascertain whether or not dangerous cross-connections exist. The public water system shall be protected against backflow from the property by installing an approved RPP device.

d. In the case of any property being served by two or more waterservices, water and fire services, water and irrigation services, or any combination thereof, the public water system shall be protected against backflow from the premises by installing an approved RPP device on each service connection.

e. In the case of any property having solar heating systems of a heat ex-changer type that utilize a recirculating pump, air conditioning units with chemical injection pots, or coolers

with recirculating pumps, the public water system shall be protected against backflow from the premises by installing an approved RPP device.

f. In the case of any agricultural property, dairy, poultry farm, or any other farm, or hobby-type operation, where fecal bacteria has the potential to contaminate the water supply, or operations injecting chemicals into the on-site water lines, the public water system shall be protected against backflow from the property by installing, at a minimum, an approved RPP device.

g. In the case of any property on which there is water or a substance that would be objectionable but not hazardous to health if introduced into the public water system, the public water system shall be protected against backflow from the premises by installing an approved double check valve.

h. In the case of any single-family or multi-family residential property where known health hazards exist, the public water system shall be protected against backflow from the premises by installing an approved RPP device.

9.06.02 **Typical Facilities** - Typical facilities where the District requires the installation of approved backflow prevention assemblies:

Apartments - 8 or more units	**- RPP**
Bottling Plants	**- RPP**
Buildings - Commercial, Industrial	**- RPP**
Buildings - Hotels, Motels	**- RPP**
Buildings - Multi-Storied (three or more floor levels)	**- RPP**
Car Wash Facilities	**- RPP**
Cleaners	**- RPP**
Commercial Buildings	**- RPP**
Cooling Towers	**- RPP**
Fire Systems (not interconnected, interconnected)	**- RPP, DC**
Hospitals - Medical Buildings, Mortuaries, Autopsy	

Facilities, Nursing and Convalescent Homes, and Clinics	**- RPP**
Irrigation Systems - Premises having separate systems:	
Parks, Playgrounds, Cemeteries, Golf Courses, Schools,	
Estates, and Ranches	**- RPP**
Laundries and Dye Works	**- RPP**
Mobile Home Parks	**- RPP**
Multiple Rental Buildings - that are master metered	**- RPP**
Plating Plants	**- RPP**
Sand and Gravel Plants	**- RPP**
Schools	**- RPP**
Sewage Lift Stations	**- RPP**
Sewage Treatment Plants	**- AG, RPP**
Sprinkling Systems (chemically entrained)	**- RPP**
Steam Facilities	**- RPP**
Public Swimming Pools, and Pools at Apartments,	
Condominiums, Home OwnerAssociations, City Parks, and	
Trailer Parks	**- RPP**

9.07 **Inspection, Testing, and Maintenance** - The Customer shall cause a field test to be performed by a licensed plumbing contractor certified to test and repair Approved Backflow Prevention Assemblies at the time of installation and at least once per year thereafter. In those instances deemed necessary by the District, testing of Approved Backflow Prevention Assemblies may be required at more frequent intervals. In the event that an Approved Backflow Prevention Assembly is found to be defective, the Customer shall cause the necessary repairs and/or replacement thereof to be made. The Customer shall have an acceptance test performed after such repair and/or replacement to ensure proper operation of the Approved Backflow Prevention Assembly. All costs associated with the inspection, testing, repair, and maintenance of Approved Backflow Prevention Assemblies shall be borne by the Customer. The results of each test and

records of all inspection, replacement, and repairs performed on an Approved Backflow Prevention Assembly by the Customer shall be maintained by the Customer and reported to the District in a manner deemed acceptable to the District.

9.08 Enforcement - The District may discontinue or refuse to supply water and/ or sewer service to any Premises that is not in strict compliance with the terms of this Section, or if it is found that an Approved Backflow Prevention Device has been removed or bypassed, or if unprotected Cross-Connections otherwise exist on the Premises. The District may also disconnect water and/or sewer service to any Premises if the health and safety of any Person is immediately threatened by a Cross- Connection. The District may refuse to restore such service to the Premises until the Cross-Connection is remedied and an Approved Backflow Prevention Device is installed and operated in accordance with this Section.

9.09 Administration - The District shall appoint at least one (1) person trained in Cross-Connection control to administer the provisions of this Section.

SECTION 10. CUSTOMER BILLING PROCEDURES

10.01 Establish Rates and Charges - The Board of Directors shall from time to time establish rates and charges for water and other service provided by the East Valley Water District by Resolution.

10.02 Charges - Water charges shall commence when a water service connection is installed and the meter is set. The customer requesting service and whose name is on the water service account will be responsible for all water charges incurred by such service. The District may transfer to the account, any delinquent and/or unpaid charges from other closed or open accounts which are held by the customer and/or property owner within the District.

10.03 Tiered Water Use - The District charges a commodity charge for potable water use in three separate pricing tiers. Tier 1 is an allocation for indoor water use. Tier 2 is an allocation for efficient outdoor use. Tiers 1 and 2 are considered a customer's water budget. Tier 3 represents water use greater than 100% of the customer's individualized water budget.

10.04 Water Budgets - A water budget is defined as the quantity of water required for an efficient level of water use by an individual customer site. The District's water budget calculation accounts for indoor, outdoor, and business process needs where applicable. Water budgets are determined by the individual needs of the customer using site-specific factors including, but not limited to, persons per household, irrigated area, weather (expressed as Evapotranspiration rate), plant factor, and days of service. Water budgets are calculated differently for residential, dedicated irrigation (landscape), and commercial mixed-use (indoor and outdoor) water service accounts. Water budgets are considered the combination of Tier 1 and/or Tier 2 water use in all customer classes subject to water budget rates. Customer classes are: Residential, Multi-Family, Irrigation, and Non-Residential.

10.05 Evapotranspiration (ET) Rate - Evapotranspiration is a measure of water transpired through plant tissue and evaporated from the soil in the planted area over a period of time. The unit of measure is expressed in inches of ET. ET measurements are obtained from weather station(s) situated in the District's service area; each station provides the data to be applied for specific zones within the District. The weather stations are calibrated on a monthly basis by a certified CIMIS (California Irrigation Management Information System) professional. Weather data is gathered on a daily basis and accumulated for each billing period.

10.06 Monthly Plant Factor - The monthly plant factor is used to more clearly define the needs of plant material. The District's monthly plant factor comes from the University of California - Riverside's research on the water needs of cool-season turf grass. The plant factors (shown in Row A of the table below), when averaged over the entire calendar year, match the annual ET Adjustment factors listed in the State of California Model Water Efficient Landscape Ordinance (AB 1881). Monthly Plant factors for special landscapes are shown in Row B of the table. Special landscapes are served by a dedicated irrigation meter and include: registered historical sites, cemeteries, parks, golf courses, sport complexes/ball fields, and school yards.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual Average
A.	0.61	0.64	0.75	1.04	0.95	0.88	0.94	0.86	0.74	0.75	0.69	0.60	0.8
B.	0.76	0.80	0.93	1.30	1.20	1.10	1.20	1.10	0.92	0.93	0.86	0.75	1

10.07 Residential Indoor Water Budget - A residential indoor water budget is calculated by multiplying the number of persons per household by 55 gallons for every day by the number of dwelling units by the Drought Factor in a billing period. For example, if there are 4 persons in a single-unit residence, the daily water budget would be 220 gallons (4 persons x 1 unit x 1 Drought Factor x 55 gallons). If there are 28 days in a billing period the total indoor water budget would be 6,160 gallons (220 gallon/day x 28 days = 6,160 gallons) or 8.24 billing units (6,160 gallons ÷ 748 gallons per billing unit).

10.08 Residential Outdoor Water Budget - A residential daily outdoor water budget is calculated by multiplying the irrigated square footage associated with the water service account by the monthly Evapotranspiration rate adjusted by the monthly plant factor by the drought factor, multiplying by the conversion factor of 0.62 (square feet to gallons), and then dividing by 748 to arrive at the daily water budget in billing units. (Irrigable Square Footage x Monthly Evapotranspiration Rate x Monthly Plant Factor x Drought Factor x 0.62 ÷ 748 = Monthly Outdoor Budget in billing units.

10.09 Dedicated Landscape (Irrigation) Water Budget - Water budgets for dedicated irrigation accounts are calculated using the same methodology that is used for Residential Outdoor Water Budgets (described above). Dedicated Landscape accounts receive no Tier 1 allocation.

10.10 Non-Residential Mixed Use Water Budgets - Non-Residential mixed-use water budgets are based on historic use. The District calculates an average water demand for each billing period based on the water demand for the same billing periods of the prior two years. The commercial water budget may be adjusted, at the District's discretion, to accommodate changes in business processes or to allow for business growth.

10.11 Water Budget Drought Factor - Water budgets can be adjusted in times of threatened water supply availability in order to reduce water allocations for customers through the

use of the drought factor. When drought factors are implemented, indoor and/or outdoor water budgets can be reduced by a designated percentage, causing Tier 1 and/or Tier 2 allocations to be reduced, and Tier 3 "Inefficient Usage" charges to become effective at lower consumption levels. Drought factors can also be adjusted upward to reflect improved water supplies but not above 100%. Changes in drought factors will be established by Resolution of the District Board of Directors.

10.12 Water Budget Adjustments - Water budgets can also be adjusted to reflect a significant change in a customer's unique efficient water needs. Adjustment forms are available for customers on the District's website or at the District Headquarters. Rules pertaining to applicable water budget adjustments are outlined on the water budget adjustment form.

10.13 Liability for Water Service - The property owner shall be held liable for water service charges until such time as the District is notified in writing to transfer the account to another property owner.

10.14 Leak Credit - In cases where a pipe break or sprinkler malfunction leads to water use in excess of an individual water budget during one or more billing periods, the District will remove the inefficient use rate increment (difference between Tier 3 and Tier 2 rates) for up to a maximum of two concurrent billing periods ending in the billing period in which a verified repair or corrective measure was conducted. In addition, all of the following conditions must be satisfied for a Leak Credit to be issued:

- The customer's water use was in excess of their water budget at the time of the repair;
- The customer has completed a leak credit form with the required documentation showing a repair was performed;
- The customer has returned to in-budget water use in the billing period immediately following the billing period during which the repair was completed; and
- The customer has not applied for a leak credit within the last 12 consecutive billing periods.

The District will remove the Tier 3 incremental charge by recalculating the impacted water bill(s) for all of the customer's water use, including water use as a result of the leak or malfunction, at the applicable Tier 2 pricing. A leak credit form may be obtained on the District website, or by visiting the District Administrative Offices.

10.15 Liens for Unpaid Bills - All unpaid bills will be made a lien against the property pursuant to these rules, regulations and California Water Code Section 31701.5 et.seq. Interest at the legal rate may accrue and be applied on all delinquent bills. The property owner remains responsible for all charges owed to the District whether or not the property owner actually lives on the premises or signs the application for water service.

10.16 Owner Liability - The property owner remains responsible for all charges owed to the District whether or not the property owner actually lives on the premises or signs the application for water service.

10.17 Meter Reading, Billing Period, and Due Date - The billing will be based on the periodic meter readings which will normally range between 26 and 35 days. If a meter fails to register during any period, or is known to register inaccurately, the customer shall be charged based on estimated usage. The billings for water service are mailed approximately, eight days after the meter readings. Current charges are due when mailed and become past due if not paid on or before the due date. The due date shall be 20 days after the billing date. All billings are considered delivered upon mailing and the District is not responsible for non-receipt or non-delivery once mailed. Any payment envelope received by the District without a payment enclosed, or with an unsigned check, shall be considered non-payment. Checks received on payment of account and later returned by the bank unpaid shall also be considered as non-payment, and a returned check charge will be assessed. Accents with one or more returned checks may be required to make future payments by cash, money order, or charge card only.

10.18 Reactivation - If payment is not made, as stipulated above, and charges remain unpaid on the shut-off date stated on the delinquent billing notice, water service shall be discontinued, a disconnection charge assessed, and a deposit required. If an account has been

disconnected for non-payment, the original bill, delinquent and disconnection charges, and a deposit must be paid before service will be reestablished. Payment for charges on an account that has been disconnected must be made in cash, money order, or charge card.

10.19 Past Due Accounts - Rates and charges which are not paid on or before the due dates shall be subject to interest charges. Interest will be calculated at a rate of one and one-half percent (1 1/2 %) on all amounts that remain unpaid at the end of each billing cycle. The District may secure unpaid charges by filing liens on real property, as provided by law or by any other method available to the District. In the event that legal action is brought to collect unpaid charges, the District shall be entitled to the payment of all costs, including attorney's fees. Defendant shall pay all costs associated with litigation rendered in favor of the District.

10.20 Billing of Separate Meters not Combined - Separate bills will be rendered for each meter installation. The District may, for its own convenience, consider each register of compound meters as a separate service and bill each as provided for herein. For its own convenience, the District may combine multiple services on one bill.

10.21 Billing Period - The regular billing period will be monthly.

10.22 Opening and Closing Bills - Opening and closing bills for less than the normal billing period shall consist of charges for actual water consumption and a proration of the system charge.

10.23 Payment of Bills - Bills for water service shall be rendered at the end of each billing period and are due and payable upon presentation. If full payment is not received at the business office of the District on or before the finl due date, the bill shall become past due and delinquent.

10.24 Delinquency Notice - A delinquency notice shall be mailed to customers whose accounts are delinquent, warning that service is subject to disconnection. The delinquency notice will contain all the following:

- the name and address of the customer;
- the amount of the delinquency;

- the date by which payment arrangements must be made in order to avoid discontinuation of service;
- the procedure by which the customer may initiate a complaint or request an investigation or appeal concerning service or charges;
- a description of the procedure by which the customer may request an alternative payment arrangement, including an extension, amortization, alternative payment schedule, or payment reduction;
- the procedure for the customer to obtain information on financial assistance, if applicable; and
- the telephone number where the customer may request a payment arrangement or receive additional information from the District.

Notice of any delinquency in a tenant's account shall also be sent to the owner of the property. See Section 12 of this Ordinance for Disconnection Procedures.

10.25 Removal of Delinquency - At the end of each calendar year, customers may request that the District remove one delinquency from the record of their account when one or more delinquencies have occurred during the previous 12 months.

10.26 Legal Action - All unpaid rates, charges and penalties herein provided may be collected by legal action or through the use of a collection agency.

10.27 Costs - Defendant shall pay all costs of legal action in any judgment rendered in favor of the District, including reasonable attorney's fees.

10.28 Discontinuing Service - Customers desiring to discontinue service should notify the District prior to vacating the premises. Owners shall be liable for on-going charges between tenancy, and in the event of sale, up to the recording date of title to the property being transferred to a new owner. Owners shall also be responsible for charges incurred by a tenant, but that remain unpaid after the tenant has vacated the property. Upon notice, the District will seal off the meter and take a closing reading.

SECTION 11. COMPLAINTS AND DISPUTED BILLS

11.01 Right to Meet - The customer has the right to meet with the Financial Officer or General Manager to present any evidence supporting a complaint with regard to water service, District rules, regulations, resolutions or ordinances, or to dispute the accuracy of a bill for service or other charges.

11.02 Arrangement of Meeting - To arrange such a meeting, the customer shall contact the District office, either in writing or by telephone during normal business hours.

11.03 Presentation of Evidence - The customer may be accompanied by a friend, attorney, or other representative to meet with the Financial Officer or General Manager and may present any evidence they may have to support their position.

11.04 Unresolved Disputes - If the customer is unable to resolve his dispute with the Financial Officer or General Manager, he/she may submit the complaint in writing along with a full and detailed explanation to the Board of Directors for resolution.

11.05 Appearances Before the Board of Directors - The customer may appear before the Board of Directors at the next regularly scheduled Board meeting by notifying the District Clerk, in writing, prior to the Board meeting of the date he/she wishes to attend and what the dispute regards. The customer may then present the complaint and any evidence in support of his/her position and ask for a decision by the Board.

11.06 Delays on Action - The Board shall act promptly to resolve the dispute, but may delay a resolution of the dispute to the time of its next regular meeting in order to investigate the dispute or receive special reports related to the dispute.

11.07 Further Delays - Any further delays must be freely and willingly agreed to by the customer.

11.08 Decision of the Board - The decision of the Board of Directors shall be final. Should the Board not render a decision within sixty (60) days of application to the Board, this failure to act shall be deemed a denial of the requested action, unless both parties have agreed to extend the resolution period.

11.09 Discontinuance of Service - No water or other service shall be discontinued pending the final resolution of a dispute.

11.10 Adjustment for Fast Meter Errors - If a meter tested at the request of a customer is found to be more than five percent (5%) fast, the excess charges for the time service was rendered the customer, or excess charges for a period of six months, whichever shall be the lesser, shall be refunded to the customer.

11.11 Adjustment for Slow Meter Errors - If a meter tested at the request of a customer is found to be more than ten percent (10%) slow and shows evidence of tampering, the District may bill the customer for the amount of the undercharge based upon corrected meter readings for the period, not exceeding six (6) months, that the meter was in use.

11.12 Non-Registering Meters - If a meter is found to be not registering, the charges for service shall be based on the estimated consumption. Such estimates shall be made from previous consumption for a comparable period, or by such other method as is determined by the District, and its decision shall be final.

SECTION 12. DISCONNECTION FOR NON-PAYMENT

12.01 Disconnection for Non-Payment - Residential water service shall be discontinued if payment for water service is not made within sixty (60) calendar days of the date of mailing the delinquent notice. All other notifications and communication required in the District's Policy on Discontinuation of Residential Water Service shall be delivered prior to disconnection. Non-residential water service may be discontinued if payment for service is not made within fifteen (15) calendar days. At no time shall the District discontinue water service at a time when the District offices are closed.

12.01.01 Tenant Occupied Property - If water and other services to an account, where the tenant is shown as the Customer of Record, are discontinued for non-payment, the account will be revised to show the owner as primary Customer of Record. The owner will continue to be shown as primary Customer of Record for as long as they own the property. Tenants

may be shown as an additional Customer of Record with the consent of the property owner, or in the event that an account in the property owners name is subject to disconnection.

12.02 Complaint Procedures for Disconnection - Service disconnection for non-payment of bills or for violation of any of the District's rules, regulations, ordinances, or resolutions is subject to the complaint procedures specified in Section 11 herein.

12.03 Refusal or Neglect to Pay Debt - Any amount due is a debt to the District and any person, firm or corporation failing, neglecting, or refusing to pay this debt may be subject to a civil action for the amount due in a court of competent jurisdiction.

12.04 Lien Against Property for Non-Payment - Any unpaid debt will be deemed a lien against the real property to which service is rendered as specified herein and California Water Code Section 31701.5 et.seq.

12.05 Service Charges for Violations - If water service is discontinued for violation of any of the District's rules, regulations, resolutions or ordinances, service shall not be re-instituted until the violations have been corrected and all applicable service charges and fees as provided for herein are paid in full by cash, payment card, money order, or cashier's check.

12.06 Partial Payments - A partial payment of a delinquent account may be accepted and credited to a customer's account, but such partial payment shall not be cause for removing the account from a delinquent status and shall not preclude the meter from being turned off for delinquency.

12.07 Authorization for Continuance of Service for Delinquent Accounts - The General Manager or his designee may authorize continuation of service to a delinquent account if financial arrangements satisfactory to the District have been established.

SECTION 13. ADDING DELINQUENT CHARGES TO TAX ROLL

13.01 Report of Delinquent and Unpaid Charges - A report of delinquent and unpaid charges for water and other services which remain unpaid and delinquent for sixty (60) days or more on July 1st of each year shall be prepared and submitted to the Board for consideration as

tax liens. The unpaid delinquent charges listed in said report for each parcel of property shall be fixed at the amount listed in said report.

13.02 Adoption and Filing of Report - The Secretary shall file with the County Assessor of the County of San Bernardino and the Board of Supervisors of the County of San Bernardino, in the time and manner specified by the County Assessors and Board of Supervisors, a copy of such written report with a statement endorsed thereon over the signature of the Secretary, that such a report has been adopted and approved by the Board of Directors and that the County Assessor shall enter the amount of such charges against the respective lots or parcels of land as they appear on the current assessment roll.

13.03 Collection of Delinquent and Unpaid Charges - The amount of any charges for water and/or other services included in the report prepared and submitted pursuant to Sections 13.01 and 13.02 above shall be added to and become a part of the annual taxes next levied upon the property upon which the water for which the charges are unpaid was used, and upon the property subject to the charges for any other District services, and shall constitute a lien on that property as of the same time and in the same manner as does the tax lien securing such annual taxes as provided in Section 12.04 above.

SECTION 14. CHARGES AND DEPOSITS

14.01 Adoption - The amount of all charges and deposits described herein shall be updated in the District's Schedule of Water and Wastewater Rates and Charges and adopted by separate Board resolution.

14.02 Security Deposit - The Security deposit insures payment of minimum District charges. Upon discontinuance of service the security deposit shall be applied to reduce any outstanding charges on any accounts held by the customer with the District. The security deposit shall be refunded to the customer as provided in Section 6.04.02 herein.

14.03 Service Initiation Charge - The service initiation charge is a non-refundable charge which covers the reasonable District costs for initiating water service.

14.04 Water System Charge - The system charge is the monthly availability charge applicable to all metered services and shall apply whether or not premises served by the meter are occupied. This charge will vary based on the size of the meter.

14.05 Commodity Charge - The commodity charge is the charge per hundred cubic feet (HCF) of water registered by the District's water meter. Commodity charges are assessed in three tiers with ascending rates, and the number of HCF billed in each tier is determined by a customer's water budget as explained in a previous section of this ordinance.

14.06 Delinquent Charge - A delinquent charge shall be added to each delinquent account at the time any amount becomes delinquent, provided that no delinquent charge shall be made on any account which at the time has no delinquencies of record. When a delinquent charge is made, such charge shall be added to the delinquent account as of the date the account becomes delinquent and the charge shall become an inseparable part of the amount due as of that time.

14.07 Disconnection Notice Charge - The disconnect notice charge is the charge which covers reasonable District costs to notify customers that their water service is subject to impending termination.

14.08 Service Reconnect Charge - The service reconnect charge is the charge which covers the reasonable District costs for disconnection and reconnection of service connections which are in violation of the provisions contained herein.

14.09 Meter Test Charge - The meter test charge is the charge which covers the District costs for removing, bench testing, and reinstalling the water meter to be tested.

14.10 AMI Opt-Out Fee - The AMI opt-out fee will be assessed when a customer has made written request not to have an AMI meter installed at their property and covers the costs of staff and equipment in taking a manual read of the opt-out customer's meter.

14.11 Returned Payment Fee - The returned payment fee is a charge which covers the reasonable administrative cost and banking charges for processing a returned check, or to respond to a disputed charge where a payment card was fraudulently used to make payment on an account.

14.12 Temporary Service Charge - A temporary service is available through the use of a fire hydrant. A customer deposit for the temporary service will be required. All other applicable service charges shall apply.

14.13 Unauthorized Use of Water Charge - The unauthorized use of water charge shall be charged to any person, organization or agency for each unauthorized use of District water, or for tampering in any manner with any meter belonging to the District, in which tampering shall affect the accuracy of such meter. Where the unauthorized use of water or tampering results in the District's action to remove the meter, there shall be a charge for the removal and re-installation.

14.14 Fire Hydrant Installation Charge - The charge for installation of fire hydrants as may be required.

14.15 Fire Service Standby Charge - The fire service standby charge is the monthly standby charge per inch diameter of the District fire service meter. Water use through this service is limited to emergency fire requirements only.

14.16 Backflow Device Installation Fee -This fee will be collected to cover the cost of the installation of a backflow device by District staff if the property owner requests that the District install the device.

14.17 Backflow Inspection Fee - The charge will cover the cost of inspecting a newly installed backflow prevention device where District staff has not performed the installation.

14.18 Backflow Compliance Testing Fees - The charge to cover costs of District staff conducting an initial compliance test of a customer device. If District staff will conduct annual compliance tests, customers may elect to pay for the annual test with a monthly charge billed to their water account.

14.19 Backflow Annual Administration Fee - This fee is an annual assessment to customers to cover the cost of administering a backflow compliance program.

14.20 Water Capacity Charge - The capacity charge is a fee for that incremental portion of the entire water system and District facilities that will be used by a new service.

14.21 Water Service Connection Charge - The water service connection charge is the charge for the type and size of water service connection desired. Such regular charge shall be paid in advance by the applicant. Where there is no regular charge, the District reserves the right to require the applicant to deposit an amount equal to the estimated cost of such service connection.

14.22 Fire Service Connection Charge - The charge for installation of fire services as may be required.

14.23 Inspection Charge - Where a customer service connection or facility requires inspection by District personnel, the customer shall be charged for such inspection.

14.24 Special Facility Charge - A special facility charge shall be for the development of a limited service area whenever special facilities including, but not limited to, booster stations, hydropneumatic stations and pressure regulators are required. The charge to be made to a developer or owner of land that is considered by the District to be within a limited service area shall be based upon the developer's or landowner's proportionate share of the cost of the installation of such special facility. Such proportionate share to be borne by the developer or landowner shall be based on the percentage of such development to the entire limited service area to be served by the special facilities and the difference between the cost of facilities to serve the same number of acres or area under normal conditions and the cost of facilities to serve the acreage or area under special conditions at a higher cost.

14.25 Water Main Extension Charge - The water main extension charge is for the construction of a water main extending to the far side of the property to be served. This charge shall be based on the prevailing rates of time and material per District approved plans. The customer shall be responsible to provide the plans and for all applicable Engineering Services charges described in Section 14.27.

14.26 Water System Design Charge - A non-refundable water system design charge shall be required for all main extensions, service connection and/or special facilities requiring the preparation of engineering plans and drawings.

14.27 Engineering / New Development Service Charges - The following Engineering/New Development Service charges will be established based on the calculated estimate of the District's time and effort spent on assisting customers who have a requirement to construct water facilities:

- Drafting of an Availability Letter
- Construction Inspection
- Drafting/preparing revisions to a Development Agreement
- Development and Engineering Research
- Development Meeting
- Easement / Quitclaim Processing
- Water / Sewer Inquiry
- New Construction Chlorination and Flushing
- Water Quality Sampling
- Plan Checking
- Drafting a Will Serve Letter

14.28 Construction Water Charge - The charge for construction water will be calculated at theTier 3 rate.

14.29 Fire Flow Test Charge - The fire flow test charge is a flat rate to cover the District's time and effort for testing parts of the water system to obtain fire flow test data and calculate results as requested.

14.30 Valve Can Deposit - The valve can deposit is a refundable charge that is used to ensure all valve cans and caps are constructed to final grade before a water system construction project is complete. The District will accept a Guarantee Bond in lieu of a cash deposit. The fee will be returned or the Bond released when valve cans and caps are constructed to final grade by the Developer's contractor and verified by the District.

14.31 Charges and Deposits - All rates, charges, fees, penalties, fines, deposits, and other methods of assessment are set by the District's Board of Directors. The General Manager/CEO, or appointed designee, may approve adjustment to any charges, late penalties, past due account fees or service deposits pursuant to the District's procedures and applicable law.

SECTION 15. WATER CONSERVATION

15.01 Waste or Nuisance Water and Other Substances - It is unlawful for any person, firm or corporation to deposit, drain, wash, or allow to run or divert water, mud or sand into, or upon, any public road, highway, street, alley, drainage ditch, storm drain, flood control channel owned or controlled by any public agency within the District. When a written application is filed with the District, and approved by the General Manager, a permit may be granted with terms and conditions and applicable fees as it may deem appropriate to impose to such person. For purposes of enforcement of this section, the owner of the meter, or property, which is the source of the "waste or nuisance water and other substances" as defined herein will be considered the responsible party. Any violations cited hereunder, and defined as being detrimental to public health, safety or welfare, will be borne by the responsible party.

15.02 Conservation Measures - Stage No.1 Normal Conditions: Permanent Conservation Measures - Stage No. 1 Normal Conditions shall be in effect when the District is able to meet all the water demands of its customers in the immediate future. During these normal conditions all water users should continue to use water wisely, to prevent the waste or unreasonable use of water, and to reduce water consumption to that necessary for ordinary domestic and commercial purposes.

15.02.01 Excessive Irrigation and Related Waste - No property within the East Valley Water District service area shall cause or permit the use of water for irrigation of landscaping or other outdoor vegetation, to exceed the amount required to provide reasonable irrigation, and shall not cause or permit any unreasonable or excessive waste of water from said irrigation activities or from watering devices or systems.

15.02.02 **Run-off** - The free flow of water away from a meter service area shall be presumptively considered excessive irrigation and waste as defined in Section 3 herein.

15.02.03 **Wash-down** - No water provided by the District shall be used for the purposes of wash-down of impervious areas, without specific written authorization of the General Manager.

15.02.04 **Vehicle Washing** - The washing of cars, trucks or other vehicles is not permitted, except with a hose equipped with an automatic shut-off device, or a commercial facility.

15.02.05 **Decorative Features** - Water fountains or other decorative water features must re-circulate water.

15.02.06 **Irrigation After Measurable Rainfall** - The application of potable water to outdoor landscape for irrigation purposes during or after 48 hours of measurable rainfall is prohibited.

15.02.07 **Drinking Water Provided by Restaurants** - Restaurants are requested not to provide drinking water to patrons except by request.

15.02.08 **Hotel and Motel** - Hotels and motels must offer their guests the option to not have their linens and towels laundered daily, and must prominently display this option in each room.

15.02.09 **Domestic Irrigation** - The District may determine that the irrigation of exterior vegetation shall be conducted only during specified hours and/or days, and may impose other restrictions on the use of water for such irrigation. Irrigation done with a weather based irrigation controller is exempt from specified irrigation day.

15.02.10 **Irrigation of Medians** - Medians located within the right-of-way are prohibited from using potable water to irrigate turf or other high water use plant material as identified by the Water Use Classifications of Landscaping Species (WUCOLS) Guide. The continued irrigation and preservation of trees is encouraged.

15.02.11 **Bordering Parkways** - Bordering parkways located within the right-of-way are prohibited from using potable water to irrigate turf or other high water use plant material

as identified by the Water Use Classifications of Landscaping Species (WUCOLS) Guide. Bordering parkways are considered the strips of non-functional ornamental turf adjacent to the street. The continued irrigation and preservation of trees is encouraged.

15.03 Stage No. 2 - Threatened Water Supply Shortage - In the event of a threatened water supply shortage which could affect the District's ability to provide water for ordinary domestic and commercial uses, the Board of Directors shall hold a public hearing at which consumers of the water supply shall have the opportunity to protest and to present their respective needs to the District. The Board may then, by resolution, declare a water shortage condition to prevail, and the following conservation measures shall be in effect in addition to the permanent conservation measures in Stage No. 1:

15.03.01 Exterior Landscape Plans - Exterior landscape plans for all new development shall be in compliance with the State Model Water Efficient Landscape Ordinance. Such plans shall be presented to and approved by the District prior to issuance of a water service letter.

15.03.02 Leaks or Breaks - Excessive loss or water use through breaks or leaks from either indoor or outdoor plumbing fixtures must be repaired within seven (7) days after discovery.

15.03.03 Agricultural Irrigation - Persons receiving water from the District who are engaged in commercial agricultural practices, whether for the purpose of crop production or growing of ornamental plants shall provide, maintain, and use irrigation equipment and practices which are the most efficient possible. Upon the request of the General Manager, these persons may be required to prepare a plan describing their irrigation practices and equipment, including but not limited to, an estimate of the efficiency of the use of water on their properties.

15.03.04 Commercial Facilities - Commercial and industrial facilities shall, upon request of the General Manager, provide the District with a plan to conserve water at their facilities. The District will provide these facilities with information regarding the average monthly water use by the facility for the last two year period, or the State of California approved

conservation base year. The facility will be expected to provide the District with a plan to conserve or reduce the amount of water used by that percentage deemed by the Board of Directors to be necessary under the circumstances. After review and approval by the General Manager, the water conservation plan shall be considered subject to inspection and enforcement by the District.

15.03.05 Parks, Golf Courses, and School Grounds - Public and private parks, golf courses, and school grounds which use water provided by the District shall use water for irrigation within a designated watering schedule, which may include specifiec hours and/or day(s).

15.03.06 Swimming Pools - All residential, public, and recreational swimming pools, of all sizes, shall use evaporation resistant covers and shall re-circulate water.

15.03.07 General Manager Emergency Authority - The Board of Directors appoints the General Manager/CEO the authority, to implement and enforce measures necessary to remain in compliance with emergency statewide mandatory conservation measures. Actions taken by the General Manager/CEO in accordance with State regulations outside of those listed in this Ordinance must be reported to the Board at the next regularly scheduled meeting.

15.04 Stage No.3 - Water Shortage Emergency: Mandatory Conservation Measures - In the event of a water shortage emergency in which the District may be prevented from meeting the water demands of its customers, the Board of Directors shall, if possible, given the time and circumstances, immediately hold a public hearing at which customers of the District shall have the opportunity to protest and to present their respective needs to the Board. No public hearing shall be required in the event of a breakage or failure of a pump, pipeline, or conduit causing an immediate emergency. The General Manager is empowered to declare a water shortage emergency, subject to the ratification of the Board of Directors within seventy-two (72) hours of such declaration, and the following rules and regulations shall be in effect immediately following such declarations:

15.04.01 Prohibition - Watering of parks, school grounds, golf courses, lawn water, landscape irrigation, washing down of driveways, parking lots or other impervious surfaces, washing of vehicles, except when done by commercial car wash establishments using only

recycled or reclaimed water, filling or adding water to swimming pools, wading pools, spas, ornamental ponds, fountains, and artificial lakes are prohibited.

15.04.02 Construction Meters - No new construction meter permits shall be issued by the District. All existing construction meters shall be removed and/or locked.

15.04.03 Commercial Nurseries and Livestock - Commercial nurseries shall discontinue all watering and irrigation. Watering of livestock is permitted as necessary.

15.05 Implementation and Termination of Mandatory Compliance Stages - The General Manager of the District shall monitor the supply and demand for water on a daily basis to determine the level of conservation required by the implementation or termination of the Water Conservation Plan Stages and shall notify the Board of Directors of the necessity for the implementation, or termination, of each stage. Each declaration of the Board of Directors implementing, or terminating, a water conservation stage shall be published at least once in a newspaper of general circulation and shall be posted at the District offices. Each declaration shall remain in effect until the Board of Directors otherwise declares, as provided herein.

15.06 Exceptions - Application for Exception Permits - The General Manager may grant permits for uses of water otherwise prohibited under the provisions of this Ordinance if he finds and determines that restrictions herein would either:

15.06.01 Hardship - Cause an unnecessary and undue hardship to the water user or the public; or

15.06.02 Emergency - Cause an emergency condition affecting the health, sanitation, fire protection or safety of the water use or of the public.

15.06.03 Exemptions Granted - Such exceptions may be granted only upon written application therefor. Upon granting such exception permit, the General Manager may impose any conditions he determines to be just and proper.

15.07 Enforcement, Inspection - Authorized employees of the District, after proper identification may, during reasonable hours, inspect any facility having a water conservation plan, and may enter onto private property for the purpose of observing the operation of any water

conservation device, irrigation equipment or water facility. Employees of the District may also observe the use of water or irrigation equipment within the District from public right-of-ways.

15.08 Criminal Penalties for Violation - Water Code Section 31029 makes any violation of this Ordinance a misdemeanor and upon conviction thereof, the violator shall be punished by imprisonment, fine or by both fine and imprisonment as may be allowed by law.

15.09 Civil Penalties for Violation - In addition to criminal penalties, violators of the mandatory provisions of this Ordinance shall be subject to civil action initiated by the District as follows:

15.09.01 First Violation: For a first violation, the District shall issue a written notice of violation to the water user violating the provisions of this Ordinance. The notice shall be given pursuant to the requirements of Section 15.10 below.

15.09.02 Second Violation: $100 Surcharge - For a second violation of this Ordinance within a 12-month period, or failure to comply with the notice of violation within thirty (30) days after notice of imposition, a surcharge of $100 is hereby imposed for the meter through which the wasted water was supplied.

15.09.03 Third Violation: $300 Surcharge - For a third violation of this ordinance within a 12-month period, or for continued failure to comply within thirty (30) days after notice of an imposition of second violation sanctions, a one-month penalty surcharge in the amount of $300 is hereby imposed for the meter through which the wasted water was supplied.

15.09.04 Fourth Violation: $500 Surcharge - For a fourth violation of this ordinance within a 12-month period, or for continued failure to comply within thirty (30) days after notice of an imposition of third violation sanctions, a one-month penalty surcharge in the amount of $500 is hereby imposed for the meter through which the wasted water was supplied.

15.09.05 Fifth Violation: $500 Surcharge and/or Installation of a Flow Restrictor - For a fifth violation of this ordinance within a 12-month period, or for continued failure to comply within thirty (30) days after notice of an imposition of fourth violation sanctions, a one-month penalty surcharge in the amount of $300 is hereby imposed for the meter through

which the wasted water was supplied. In addition to the surcharge, the District may, at its discretion, install a flow-restricting device at such meter with a one-eighth inch (1/8") orifice for services up to one and one-half (1-1/2") inch size, and comparatively sized restrictors for larger services, on the service of the customer at the premises at which the violation occurred for a period of not less than forty-eight (48) hours. The charge to the customer for installing a flow-restricting device shall be based upon the size of the meter and the actual cost of installation but shall not be less than that provided in the District's Rules and Regulations. The charge for removal of the flow-restricting device and restoration of normal service shall be as provided in the District's Rules and Regulations.

15.09.06 **Subsequent Violations: Discontinuance of Service** - For any subsequent violation of this Ordinance, while in Stage No. 3, within the twenty-four (24) calendar months after a first violation as provided in Section 15.09.01 hereof, the penalty surcharge provided in Section 15.09.05 hereof shall be imposed and the District may discontinue water service to that customer at the premises or to the meter where the violation occurred. The charge for reconnection and restoration of normal service shall be as provided in the Rules and Regulations of the District. Such restoration of service shall not be made until the General Manager of the District as determined that the water user has provided reasonable assurances that future violations of this Ordinance by such user will not occur.

15.10 **Notice - First Violation** - For a first violation, written notice shall be given to the customer and/or property owner personally or by regular mail.

15.10.01 **Subsequent Violations** - If the penalty assessed is a surcharge for a second, third, fourth, fifth, or subsequent violation, notice may be given by regular mail.

15.10.02 **Violations Involving Installation of Flow-Restrictors or Discontinuance of Water Service** - If the penalty assessed is, or includes, the installation of a flow restrictor or the discontinuance of water service to the customer for any period of time, notice of the violation shall be given in the following manner:

a. Personal Service - By giving written notice thereof to the occupant and/or property owner personally; or if the occupant and/or property owner is absent from his/her place of residence and from his/her assumed place of business, by leaving a copy with some person of suitable age and discretion at either place, and sending a copy through the United States mail addressed to the occupant and/or owner at his/her place of business or residence; or

b. Posting - If such place of residence and business cannot be ascertained, or a person of suitable age or discretion cannot be located, then by affixing a copy in a conspicuous place on the property where the failure to comply is occurring and also by delivering a copy to a person there residing, if such person can be found, and also sending a copy through the United States mail addressed to the occupant at the place where the property is situated and the owner if different.

15.10.03 Form of Notice - All notices provided for in this Section shall contain, in addition to the facts of the violation, a statement of the possible penalties for each violation and a statement informing the occupant/owner of his/her right to hearing on the violation.

15.11 Community Advisory Commission - The District may establish a Community Advisory Commission (Commission) consisting of District customers appointed by the Board of Directors to serve in the capacity as herein described. The number of commissioners shall be determined by resolution of the Board of Directors.The Commission is authorized to hear appeals from enforcement decisions made by the General Manager for violations of the water conservation measures provided in Section 15 of this ordinance. The Commission shall serve as an advisory body to the Board of Directors. The Board of Directors shall consider the recommendations of the Commission but will not be bound thereby.

15.11.01 Hearings - Any customer or property owner against whom a penalty is levied pursuant to this ordinance (Appellant) shall have a right to a hearing, in the first instance by the General Manager, with the right to appeal to the Commission. Within fifteen (15) days of the date of the alleged violation, the Appellant shall submit a written request for a hearing to the District Clerk. The hearing shall be conducted by the General Manager within thirty (30) days

from the date of the written request submitted to the District Clerk. The General Manager shall issue his ruling in writing. The Appellant may appeal the ruling of the General Manager within ten (10) days thereof by filing written notice of appeal with the District Clerk. At the next regularly scheduled Commission meeting, the Appellant may appear and present evidence in support of his appeal. The Commission will issue a written recommendation to the Board of Directors who will issue a final determination of the appeal. The Board of Directors may issue its final determination based upon the recommendation of the Commission, or may call for an additional hearing. The ruling of the Board of Directors shall be final and binding upon the Appellant and the District.

SECTION 16. EFFECTIVE DATE

This Ordinance shall take effect and replace Ordinance No. 399 upon adoption.

Adopted this 12th day of May 2021

ROLL CALL:

Ayes: Directors: Carrillo, Coats, Goodrich, Morales, Smith

Noes: None

Absent: None

Abstain: None

David E. Smith
Board President

ATTEST:

John Mura
Secretary, Board of Directors

May 12, 2021

I HEREBY CERTIFY that the foregoing is a full, true and correct copy of Ordinance No. 401 adopted by the Board of Directors of East Valley Water District at its Regular Meeting held May 12, 2021.

John Mura
Secretary, Board of Directors

Attachment 2: Adoption Resolution

RESOLUTION NO. 2021.12

RESOLUTION OF THE BOARD OF DIRECTORS OF THE EAST VALLEY WATER DISTRICT ADOPTING THE WATER SHORTAGE CONTINGENCY PLAN

WHEREAS, The California Urban Water Management Planning Act, Water Code Section 10610 et seq. (the UWMP 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); and

WHEREAS, East Valley Water District meets the definition of an urban water supplier for purposes of the UWMP Act; and

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

WHEREAS, pursuant to recent amendments to the UWMP Act, urban water suppliers are required to adopt and electronically submit their WSCPs to the California Department of Water Resources by July 1, 2021; and

WHEREAS, The East Valley Water District has prepared a WSCP in accordance with the UWMP Act and SB X7-7, and in accordance with applicable legal requirements, has undertaken certain coordination, notice, public involvement, public comment, and other procedures in relation to its WSCP; and

WHERAS, the WSCP references and incorporates the provisions of the East Valley Water District's Water Conservation Ordinance No. 401 adopted on May 12, 2021; and

WHEREAS, in accordance with the UWMP Act, the East Valley Water District has prepared its WSCP with its own staff, with the assistance of consulting professionals, and in cooperation with other governmental agencies, and has utilized and relied upon industry standards and the expertise of industry professionals in preparing its WSCP, and has also utilized

the California Department of Water Resources Guidebook for Urban Water Suppliers to Prepare 2020 Urban Water Management Plans, in preparing its WSCP; and

WHEREAS, in accordance with applicable law, including Water Code sections 10608.26 and 10642, and Government Code section 6066, a Notice of a Public Hearing regarding the East Valley Water District's WSCP was published within the jurisdiction of the East Valley Water District on June 9, 2021 and June 16, 2021; and

WHEREAS, in accordance with applicable law, including but not limited to Water Code sections 10608.26 and 10642, a public hearing was held on June 23, 2021 at 5:30 pm, or soon thereafter, virtually via Microsoft Teams, 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 WSCP and issues related thereto; and

WHEREAS, pursuant to said public hearing on the WSCP, the East Valley Water District, among other things, encouraged the active involvement of diverse social, cultural, and economic members of the community within East Valley Water District's service area with regard to the preparation of the WSCP, encouraged community input regarding East Valley Water District's WSCP; and

WHEREAS, the Board of Directors has reviewed and considered the purposes and requirements of the UWMP Act, the contents of the WSCP, and the documentation contained in the administrative record in support of the WSCP, and has determined that the factual analyses and conclusions set forth in the WSCP are legally sufficient; and

WHEREAS, the Board of Directors desires to adopt the WSCP in order to comply with the UWMP Act.

NOW THEREFORE BE IT RESOLVED, the Board of Directors of the East Valley Water District hereby resolve as follows:

1. The Water Shortage Contingency Plan is hereby adopted as amended by changes incorporated by the Board of Directors as a result of input received (if any) at the public hearing and ordered filed with the Secretary of the Board of Directors;

2. The General Manager is hereby authorized and directed to include a copy of this Resolution in East Valley Water District's WSCP;

3. The General Manager is hereby authorized and directed, in accordance with Water Code sections 10621(d) and 10644(a)(1)-(2), to electronically submit a copy of the WSCP to the California Department of Water Resources no later than July 1, 2021;

4. The General Manager/CEO is hereby authorized and directed, in accordance with Water Code section 10644(a), to submit a copy of the WSCP to the California State Library, and any city of county within which the East Valley Water District provides water supplies no later than thirty (30) days after this adoption date;

5. The General Manager/CEO is hereby authorized and directed, in accordance with Water Code section 10645, to make the WSCP available for public review at the East Valley Water District's offices during normal business hours and on the East Valley Water District's website no later than thirty (30) days after filing a copy of the WSCP with the California Department of Water Resources;

6. The General Manager/CEO is hereby authorized and directed, in accordance with Water Code Section 10635(b), to provide that portion of the WSCP prepared pursuant to Water Code Section 10635(a) to any city or county within which the East Valley Water District provides water supplies no later than sixty (60) days after submitting a copy of the WSCP with the California Department of Water Resources;

7. The General Manager/CEO is hereby authorized and directed to implement the WSCP in accordance with the UWMP Act and to provide recommendations to the Board of Directors regarding the necessary budgets, procedures, rules, regulations or further actions to carry out the effective and equitable implementation of the WSCP.

ADOPTED, this 23rd day of June 2021.

ROLL CALL:

Ayes: Directors: Carrillo, Coats, Goodrich, Morales, Smith
Noes: None
Absent: None
Abstain: None

David E. Smith,
Board President

ATTEST:

John Mura,
Board Secretary

June 23, 2021

I HEREBY CERTIFY that the foregoing is a full, true and correct copy of Resolution 2021.12 adopted by the Board of Directors of East Valley Water District at its Regular Meeting held June 23, 2021.

John Mura,
Secretary, Board of Directors