

## 2 Plan Preparation

### **CWC 10617**

*“Urban water supplier” means a supplier, either publicly or privately owned, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually. An urban water supplier includes a supplier or contractor for water, regardless of the basis of right, which distributes or sells for ultimate resale to customers. This part applies only to water supplied from public water systems...*

### **CWC 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.*

### **CWC 10621**

*(a) Each urban water supplier shall update its plan at least once every five years on or before July 1, in years ending in six and one, incorporating updated and new information from the five years preceding each update.*

*(f) Each urban water supplier shall update and submit its 2020 plan to the department by July 1, 2021.*

VWD retained HDR Engineering, Inc (HDR) to prepare their 2020 UWMP in accordance with the UWMP Act (CWC §10610 through 10656). This UWMP is intended to assess the adequacy of available water supplies that could be required to meet existing and future demands in the VWD service area, previously shown in Figure 1-1. Demands and supplies are assessed for a 25-year planning horizon and various demand scenarios are considered.

VWD prepares an update to its UWMP every five years in accordance with CWC sections 10610 through 10657 of the UWMP Act, which were added by Statute 1983, Chapter 1009, and became effective on January 1, 1984. The UWMP Act, which was Assembly Bill 797, requires that every urban water supplier providing water for municipal purposes to more than 3,000 customers, or supplying more than 3,000 AF of water annually, prepare and adopt a UWMP in accordance with the prescribed requirements.

The UWMP Act requires urban water suppliers to file plans with the California DWR describing and evaluating reasonable and practical efficient water use, reclamation, and conservation activities. As required by law, the Authority’s UWMP includes projected water supplies required to meet future demands. The Authority prepared UWMPs for each cycle, beginning in 1985 through 2015, and filed those plans with the DWR.

## 2.1 Basis and Approach for Preparing the UWMP

### **CWC 10644(a)(2)**

*The plan, or amendments to the plan, submitted to the department ... shall include any standardized forms, tables, or displays specified by the department.*

### **CWC 10608.52**

*(a) The department, in consultation with the board, the California Bay-Delta Authority or its successor agency, the State Department of Public Health, and the Public Utilities Commission, shall develop a single standardized water use reporting form to meet the water use information needs of each agency, including the needs of urban water suppliers that elect to determine and report progress toward achieving targets on a regional basis as provided in subdivision (a) of Section 10608.28.*

*(b) At a minimum, the form shall be developed to accommodate information sufficient to assess an urban water supplier's compliance with conservation targets pursuant to Section 10608.24... The form shall accommodate reporting by urban water suppliers on an individual or regional basis as provided in subdivision (a) of Section 10608.28.*

### **CWC 10620(d)(1)**

*An urban water supplier may satisfy the requirements of this part by participation in area wide, regional, watershed, or basinwide urban water management planning where those plans will reduce preparation costs and contribute to the achievement of conservation, efficient water use, and improved local drought resilience.*

### **California Health and Safety Code 116275**

*(h) "Public Water System" means a system for the provision of water for human consumption through pipes or other constructed conveyances that has 15 or more service connections or regularly serves at least 25 individuals daily at least 60 days out of the year.*

This 2020 UWMP was formatted to meet current requirements established by the DWR. New requirements for the 2020 UWMP also include requirements addressing several changes made to the CWC, assessments of dry-year water reliability, drought risk, seismic risk, water shortage contingency planning, and groundwater supplies coordination. To facilitate UWMP reviews, the DWR has developed a UWMP Checklist for use by DWR staff in their review of 2020 UWMPs. To expedite DWR's review and ensure completeness of VWD's plan, this checklist has been completed and is included as Appendix C.

VWD is considered an "urban retail water supplier" per CWC Sections 10608 and 10617 as it provides water for municipal purposes to more than 3,000 customers and supplies more than 3,000 AF of water annually through a single public water system. VWD is required to update its plan at least once every five years on or before July 1, in years ending in six and one pursuant to CWC section 10621. Table 2-1 gives the number of connections and volume of water supplied (in million gallons) by VWD for calendar year 2020.

**Table 2-1. Public Water Systems**

Public Water System Number	Public Water System Name	Number of Municipal Connections 2020	Volume of Water Supplied 2020 (MG)
CA3710002	Vallecitos Water District	22,522	4,835
<b>TOTAL</b>			<b>4,835</b>

Source: DWR 2020

This 2020 UWMP was prepared by VWD in coordination with other agencies as an individual UWMP (Table 2-2). VWD has entered a Regional Alliance with OMWD, Rincon MWD, and SDWD. This Regional Alliance allows individual urban retail water suppliers to combine their individual targets into a regional target. An urban water supplier is required to meet either their own or the regional water conservation target to comply with SB7.

**Table 2-2. Plan Identification**

Select Only One	Type of Plan	Name of RUWMP or Regional Alliance if applicable
✓	Individual UWMP	
	Water Supplier is also a member of an RUWMP	
✓	Water Supplier is also a member of a Regional Alliance	Olivenhain Regional Alliance
	RUWMP	

RUWMP = Regional Urban Water Management Plan

Source: DWR 2020

All figures in the 2020 UWMP are reported by calendar year and all applicable data is reported in units of MG, as detailed below in Table 2-3.

**Table 2-3. Supplier Identification**

<b>Type of Supplier</b>	
	Supplier is a wholesaler
✓	Supplier is a retailer
<b>Fiscal or Calendar Year</b>	
✓	UWMP tables are in calendar years
	UWMP tables are in fiscal years
<b>Unit of Measurement used in UWMP</b>	
Unit	MG

Source: DWR 2020

## 2.2 Agency Coordination and Outreach

### **CWC 10620(d)(3)**

*Each urban water supplier shall 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.*

### **CWC 10621(b)**

*Every urban water supplier required to prepare a plan pursuant to this part shall, at least 60 days before the public hearing on the plan required by Section 10642, notify any city or county within which the supplier provides water supplies that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan. The urban water supplier may consult with, and obtain comments from, any city or county that receives notice pursuant to this subdivision.*

### **CWC 10631(h)**

*An urban water supplier that relies upon a wholesale agency for a source of water shall provide the wholesale agency with water use projections from that agency for that source of water in five-year increments to 20 years or as far as data is available. The wholesale agency shall provide information to the urban water supplier for inclusion in the urban water supplier's plan that identifies and quantifies, to the extent practicable, the existing and planned sources of water as required by subdivision (b), available from the wholesale agency to the urban water supplier over the same five-year increments, and during various water-year types in accordance with subdivision (f). An urban water supplier may rely upon water supply information provided by the wholesale agency in fulfilling the plan informational requirements of subdivisions (b) and (f).*

### **CWC 10635(b)**

*The urban water supplier shall provide that portion of its urban water management plan prepared pursuant to this article to any city or county within which it provides water supplies no later than 60 days after the submission of its urban water management plan.*

### **CWC 10642**

*Each urban water supplier shall encourage the 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...*

To adequately demonstrate regional water supply reliability through the next 25 years, this UWMP quantifies the regional mix of existing and projected local and imported supplies necessary to meet future demands within VWD's service area. Although this UWMP includes specific documentation regarding VWD's supplies, plans submitted by wholesalers provide further details that contribute to the diversification and reliability of supplies in the region. This is significant as VWD currently receives 100 percent of its water from the wholesale provider SDCWA.

## 2.2.1 Wholesale, Retail, and Community Coordination

Reasonable consistency among the UWMPs of VWD and its wholesaler is important to accurately identify the projected supplies available to meet regional demands. To facilitate coordination within VWD’s service area, VWD reviewed and provided comments on technical drafts of SDCWA’s UWMP and member agency supply projections, and it provided SDCWA with notification information regarding their 2020 UWMP (Table 2-4). SDCWA further coordinated its effort by working with appropriate wastewater agencies. These agencies helped prepare the water recycling element of its UWMP, which describes the wastewater treatment requirements and water recycling potential for the region.

**Table 2-4. Water Supplier Information Exchange**

The retail Supplier has informed the following wholesale supplier(s) of projected water use in accordance with CWC Section 10631	
<i>Wholesale Water Supplier Name</i>	
San Diego County Water Authority	

Notes:

VWD has provided SDCWA with its projected water use in 5-year increments for 20 years per CWC §10631. This information is also incorporated in VWD’s 2018 Master Plan and can be found online at <http://www.vwd.org/departments/engineering/capital-facilities/master-plan>.

VWD has coordinated the preparation of its UWMP with other agencies to which it serves water. In accordance with CWC §10620(d)(2), VWD served a 60-day notice to the agencies that have land use jurisdiction within its service area on March 10, 2021 stating that its UWMP is under review and may be revised in concurrence with updated land use information, demand projections, and new legislation. This 60-day notice also stated that a public hearing will be held on June 2, 2021 to receive comments, questions, and suggestions regarding VWD’s 2020 UWMP. VWD advertised this notice in the local newspaper (San Diego Union Tribune) once per week for two consecutive weeks prior to the public hearing. Copies of the 60-day notices are included in Appendix D.

Additionally, VWD made its draft UWMP available for public review and posted the document online at [www.vwd.org](http://www.vwd.org) to engage the involvement of the population within its service area during plan preparation per CWC §10642.



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