

2-2 | Public Water Systems

Type of Plan	Member of RUWMP	Member of Regional Alliance	Name of RUWMP or Regional Alliance
Individual UWMP	No	No	

2-3 | Agency Identification

Type of Supplier	Year Type	First Day of Year		Unit Type
Wholesaler	Fiscal Years	DD	MM	Acre Feet (AF)
		1	7	

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

2-4W | Water Supplier Information Exchange

Supplier has informed more than 10 other water suppliers of water supplies available in accordance with Water Code Section 10631. Completion of the table below is optional.

If not completed, include a list of the water suppliers that were informed.

Location of List:

3-1W | Current & Projected Population

Population Served	2020	2025	2030	2035	2040	2045
Total	829,000	869,252	880,718	893,089	902,163	913,615
Source: Metropolitan Water District of Southern California 2020 UWMP						

4-1W | Actual Demands for Water

Use Type	Additional Description	Level of Treatment When Delivered	2020 Volume
Sales/Transfers/Exchanges to Other Agencies	Sales - Imported Water	Drinking Water	105,686
Sales/Transfers/Exchanges to Other Agencies	Sales - Brackish Groundwater	Drinking Water	124
Saline Water Intrusion Barrier	Sales - Imported Water	Drinking Water	6,950
Total:			112,760
Note: 2020 volume excludes recycled water.			

4-2W | Projected Demands for Water

Use Type	Additional Description	Projected Water Use				
		2025	2030	2035	2040	2045
Sales/Transfers/Exchanges to Other Agencies	Sales - Imported Water	95,890	89,460	89,750	89,360	89,460
Total:		95,890	89,460	89,750	89,360	89,460
Note: Projections excludes recycled water.						

4-3W | Total Water Use

	2020	2025	2030	2035	2040	2045
Potable and Raw Water From Table 4-1W and 4-2W	112,760	95,890	89,460	89,750	89,360	89,460
Recycled Water Demand* From Table 6-4W	28,045	50,300	60,700	70,700	76,300	76,300
Total Water Demand:	140,805	146,190	150,160	160,450	165,660	165,760

6-1W | Groundwater Volume Pumped

All or part of the groundwater described below is desalinated.						
Groundwater Type	Location or Basin Name	2016	2017	2018	2019	2020
Alluvial Basin	West Coast Basin	779	284	50	238	124
Total:		779	284	50	238	124

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

The supplier will 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
ELCWRF	Brine permit: NPDES #CA0063401	Brine is to the City of Los Angeles' Hyperion WRF ocean outfall		Ocean outfall	Yes	Tertiary	34,903	-	28,046	6,857	-
Total:							34,903	-	28,046	6,857	-

6-4W | Current & Projected Retailers Provided Recycled Water within Service Area

The supplier will complete the table.							
Name of Receiving Supplier or Direct Use by Wholesaler	Level of Treatment	2020	2025	2030	2035	2040	2045
Retail Agencies	Tertiary and Advanced	14,961	30,300	31,700	31,700	31,700	31,700
Water Replenishment Dist. of So. California	Advanced	13,084	20,000	29,000	39,000	44,600	44,600
Total:		28,045	50,300	60,700	70,700	76,300	76,300
Note: All water to WRD is for the West Coast Barrier and additional groundwater augmentation.							

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

The supplier will complete the table.		
Name of Receiving Supplier or Direct Use by Wholesaler	2015 Projection for 2020	2020 Actual Use
WBMWD	21,894	14,961
WBMWD (IPR)	17,000	13,084
City of Torrance	5,421	5,424
City of Los Angeles	970	1,433
Total:	45,285	34,903

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

<p>Some or all of the supplier's future water supply projects or programs are not compatible with this table and are described in a narrative format.</p>						
<p>Page Location for Narrative in UWMP:</p>			<p>Expanded recycled water use in Section 6.4.2 (page 6-14) and ocean desalination in Section 6.8 (page 6-17).</p>			
<p>Name of Future Projects or Programs</p>	<p>Joint Project with Other Suppliers</p>	<p>Agency Name</p>	<p>Description</p>	<p>Planned Implementation Year</p>	<p>Planned for Use in Year Type</p>	<p>Expected Increase in Water Supply to Supplier</p>

6-8W | Actual Water Supplies

Water Supply	Additional Detail on Water Supply	2020		
		Actual Volume	Water Quality	Total Right or Safe Yield
Purchased or Imported Water	Direct Use	105,686	Drinking Water	
Purchased or Imported Water	Seawater Barrier Replenishment	6,950	Drinking Water	
Desalinated Water - Groundwater		124	Drinking Water	
Total:		112,760		-
<p>Note: Does not include recycled water deliveries for non-potable use or seawater barrier replenishment.</p>				

6-8DS | Source Water Desalination

The supplier will complete the table below.										
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
C. Marvin Brewer Desalter	1120	Vertical Well	Groundwater	3,300	Sewer	779	284	50	238	124
Total:						779	284	50	238	124

6-9W | Projected Water Supplies

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
Purchased or Imported Water	from Metropolitan	95,890		89,460		89,750		89,360		89,460	
Recycled Water	For Delivery in the West Basin Service Area only	30,300		31,700		31,700		31,700		31,700	
Recycled Water	For Saltwater Barrier Replenishment	20,000		29,000		39,000		44,600		44,600	
Total:		146,190	-	150,160	-	160,450	-	165,660	-	165,760	-

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

Quantification of available supplies is not compatible with this table and is provided elsewhere in the UWMP. See Section 7.2			
Year Type	Base Year	Available Supply if Year Type Repeats	
		Volume Available	Percent of Average Supply
Average Year			
Single-Dry Year			
Consecutive Dry Years 1st Year			
Consecutive Dry Years 2nd Year			
Consecutive Dry Years 3rd Year			
Consecutive Dry Years 4th Year			
Consecutive Dry Years 5th Year			

7-2W | Normal Year Supply and Demand Comparison

	2025	2030	2035	2040	2045
Supply Totals From Table 6-9W	146,190	150,160	160,450	165,660	165,760
Demand Totals From Table 4-3W	146,190	150,160	160,450	165,660	165,760
Difference:	0	0	0	0	0

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

	2025	2030	2035	2040	2045
Supply Totals	146,190	150,160	160,450	165,660	165,760
Demand Totals	146,190	150,160	160,450	165,660	165,760
Difference:	0	0	0	0	0

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

		2025	2030	2035	2040	2045
First Year	Supply Totals	146,190	150,160	160,450	165,660	165,760
	Demand Totals	146,190	150,160	160,450	165,660	165,760
Difference:		0	0	0	0	0
Second Year	Supply Totals	146,190	150,160	160,450	165,660	165,760
	Demand Totals	146,190	150,160	160,450	165,660	165,760
Difference:		0	0	0	0	0
Third Year	Supply Totals	146,190	150,160	160,450	165,660	165,760
	Demand Totals	146,190	150,160	160,450	165,660	165,760
Difference:		0	0	0	0	0
Fourth Year	Supply Totals	146,190	150,160	160,450	165,660	165,760
	Demand Totals	146,190	150,160	160,450	165,660	165,760
Difference:		0	0	0	0	0
Fifth Year	Supply Totals	146,190	150,160	160,450	165,660	165,760
	Demand Totals	146,190	150,160	160,450	165,660	165,760
Difference:		0	0	0	0	0

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

2021	Gross Water Use	141,880
	Total Supplies	141,880
	Surplus/Shortfall without WSCP Action	0
	Planned WSCP Actions (Use Reduction and Supply Augmentation)	
	WSCP (Supply Augmentation Benefit)	
	WSCP (Use Reduction Savings Benefit)	
	Revised Surplus/Shortfall	0
Resulting Percent Use Reduction from WSCP Action	0%	
2022	Gross Water Use	142,960
	Total Supplies	142,960
	Surplus/Shortfall without WSCP Action	0
	Planned WSCP Actions (Use Reduction and Supply Augmentation)	
	WSCP (Supply Augmentation Benefit)	
	WSCP (Use Reduction Savings Benefit)	
	Revised Surplus/Shortfall	0
Resulting Percent Use Reduction from WSCP Action	0%	
2023	Gross Water Use	144,040
	Total Supplies	144,040
	Surplus/Shortfall without WSCP Action	0
	Planned WSCP Actions (Use Reduction and Supply Augmentation)	
	WSCP (Supply Augmentation Benefit)	
	WSCP (Use Reduction Savings Benefit)	
	Revised Surplus/Shortfall	0
Resulting Percent Use Reduction from WSCP Action	0%	
2024	Gross Water Use	145,120
	Total Supplies	145,120
	Surplus/Shortfall without WSCP Action	0
	Planned WSCP Actions (Use Reduction and Supply Augmentation)	
	WSCP (Supply Augmentation Benefit)	
	WSCP (Use Reduction Savings Benefit)	
	Revised Surplus/Shortfall	0
Resulting Percent Use Reduction from WSCP Action	0%	
2025	Gross Water Use	146,190
	Total Supplies	146,190
	Surplus/Shortfall without WSCP Action	0
	Planned WSCP Actions (Use Reduction and Supply Augmentation)	
	WSCP (Supply Augmentation Benefit)	
	WSCP (Use Reduction Savings Benefit)	
	Revised Surplus/Shortfall	0
Resulting Percent Use Reduction from WSCP Action	0%	

10-1W | Notification to Cities & Counties

Supplier has notified more than 10 cities or counties in accordance with Water Code Sections 10621 (b) and 10642. Completion of the table is not required. Provide a separate list of the cities and counties that were notified.

Page Location for List in UWMP:

Table 2-1