

Table 1. Annual Assessment Information

Annual Assessment Information (Required)	
Year Covered By This Shortage Report	
Start: July 1,	2022
End: June 30,	2023
Volume Unit for Reported Supply and Demand <i>(Must use the same unit throughout)</i>	AF
Water Supplier's Contact Information	
Agency Name:	Riverside Public Utilities
Contact Name:	Todd Corbin
Contact Title:	Utility General Manager
Street Address:	3750 University Ave, Riverside
ZIP Code:	92501
Phone Number:	951-826-5772
Email Address:	tcorbin@riversideca.gov
Report Preparer's Contact Information <i>(if different from above)</i>	
Preparer's Organization Name:	Riverside Public Utilities
Preparer's Contact Name:	Farid Boushaki
Phone Number:	951-826-2328
Email Address:	FBoushaki@riversideca.gov
Supplier's Water Shortage Contingency Plan	
WSCP Title	Water Shortage Contingency Plan
WSCP Adoption Date	6/14/2021
Other Annual Assessment Related Activities (Optional)	
Activity	Timeline/ Outcomes / Links / Notes
Annual Assessment/ Shortage Report Title:	Optional
Annual Assessment / Shortage Report Approval Date:	Optional
Other Annual Assessment Related Activities:	Optional
Other Annual Assessment Related Activities:	Optional
Other Annual Assessment Related Activities:	Optional

	= From prior tables
	= Auto calculated

Table 2: Water Demands ¹															
Use Type	Start Year: 2022					Volumetric Unit Used: AF									
Drop down list May select each use multiple times These are the only Use Types that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Description (as needed)	Level of Treatment for Non-Potable Supplies Drop down list	Projected Water Demands - Volume ²												
			Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	Total by Water Demand Type
Demands Served by Potable Supplies															
Single Family			3,693	3,721	3,453	3,059	2,686	2,109	1,901	1,949	1,940	2,630	2,976	3,410	33,527
Multi-Family			652	657	609	540	474	372	336	344	342	464	525	602	5,917
Commercial/Institutional			1,855	1,869	1,735	1,537	1,350	1,059	955	979	975	1,322	1,495	1,714	16,846
Landscape			230	232	215	191	167	131	119	121	121	164	186	213	2,090
Agricultural irrigation			128	129	119	106	93	73	66	67	67	91	103	118	1,160
Potable Losses			542	546	507	449	394	309	279	286	285	386	437	500	4,920
															0
															0
Other Potable			31	31	29	26	22	18	16	16	16	22	25	28	280
Total by Month (Potable)			7,130	7,184	6,669	5,907	5,186	4,072	3,671	3,763	3,747	5,079	5,746	6,585	64,739
Demands Served by Non-Potable Supplies															
Transfers to other agencies	GCC (Upper)	Primary												6,500	6,500
Transfers to other agencies	GCC (Lower)	Secondary												7,000	7,000
Wetlands or wildlife habitat	Overlying Uses	Tertiary												1,000	1,000
Sales to other agencies	WMWD	Secondary												2,000	2,000
Losses	Irrigation Water													600	600
Other Nonpotable	Recycled													174	174
		Advanced													
Total by Month (Non-Potable)			0	0	0	0	0	0	0	0	0	0	0	17,274	17,274
Notes: List considered factors impacting demands															
¹ Projections are based on best available data at time of submitting the report and actual demand volumes could be different due to many factors. ² Units of measure (AF, CCF, MG) must remain consistent. ³ When optional monthly volumes aren't provided, please enter yearly volumes in the June column (Jun ³).															

= From prior tables
= Auto calculated

Table 3: Water Supplies¹

Water Supply		Start Year: 2022				Volumetric Unit Used: AF											
Drop Down List May use each category multiple times. These are the only water supply categories that will be recognized by the WUEdata online submittal tool (Add additional rows as needed)	Additional Detail on Water Supply	Projected Water Supplies - Volume ²													Water Quality	Total Right or Safe Yield* (optional)	
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	Total by Water Supply Type			Drop Down List
Potable Supplies																	
Purchased or Imported Water	WMWD	2,390	2,408	2,235	1,980	1,738	1,365	1,231	1,261	1,256	1,703	1,926	2,207	21,700			
Groundwater (not desal.)	Bunker Hill Basin	5,371	5,411	5,023	4,449	3,907	3,067	2,765	2,834	2,822	3,826	4,328	4,960	48,763			
Groundwater (not desalinated)	Riverside North Basin	1,036	1,043	968	858	753	591	533	546	544	738	835	956	9,402			
Groundwater (not desalinated)	Riverside South Basin	1,198	1,207	1,121	993	872	684	617	632	630	854	966	1,107	10,880			
Total by Month (Potable)		9,994	10,070	9,347	8,280	7,270	5,707	5,146	5,274	5,252	7,120	8,054	9,231	90,745			0
Non-Potable Supplies																	
Recycled Water													800	800	Tertiary		
Groundwater (not desal.)	Rialto - Colton Basin												2728	2,728			
Groundwater (not desal.)	Bunker Hill Basin												6500	6,500			
Groundwater (not desal.)	Riverside North Basin												1500	1,500			
Groundwater (not desal.)	Riverside South Basin												6000	6,000			
Total by Month (Non-Potable)		0	0	0	0	0	0	0	0	0	0	0	17,528	17,528			0

Notes: List hydrological and regulatory conditions, infrastructure capabilities, and plausible constraints which may impact the water supplies

¹Projections are based on best available data at time of submitting the report and actual supply volumes could be different due to many factors.

²Units of measure (AF, CCF, MG) must remain consistent.

³When optional monthly volumes aren't provided, please enter yearly volumes in the June column (Jun³).

Annual Water Supply and Demand Assessment for §10632.1												= Auto calculated	
												= From prior tables	
												= For manual input	

Table 4(P): Potable Water Shortage Assessment ¹													Start Year:	2022	Volumetric Unit Used ² :					AF	
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	Total								
Anticipated Unconstrained Demand	7,130	7,184	6,669	5,907	5,186	4,072	3,671	3,763	3,747	5,079	5,746	6,585	64,739								
Anticipated Total Water Supply	9,994	10,070	9,347	8,280	7,270	5,707	5,146	5,274	5,252	7,120	8,054	9,231	90,745								
Surplus/Shortage w/o WSCP Action	2,864	2,886	2,679	2,373	2,083	1,636	1,475	1,511	1,505	2,040	2,308	2,645	26,006								
% Surplus/Shortage w/o WSCP Action	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%								
State Standard Shortage Level	0	0	0	0	0	0	0	0	0	0	0	0	0								
Planned WSCP Actions																					
Benefit from WSCP: Supply Augmentation	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	12.0								
Benefit from WSCP: Demand Reduction	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	24.0								
Revised Surplus/Shortage with WSCP	2,867	2,889	2,682	2,376	2,086	1,639	1,478	1,514	1,508	2,043	2,311	2,648	26,042								
% Revised Surplus/Shortage with WSCP	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%	40%								

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²Units of measure (AF, CCF, MG) must remain consistent.
³When optional monthly volumes aren't provided, please enter yearly volumes in the June column (Jun³). If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

Annual Water Supply and Demand Assessment for §10632.1												= Auto calculated	
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Table 4(NP): Non-Potable Water Shortage Assessment ¹													Start Year:		Volumetric Unit Used ² :					
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	Total							
Anticipated Unconstrained Demand: Non-Potable	0	0	0	0	0	0	0	0	0	0	0	17,274	17,274							
Anticipated Total Water Supply: Non-Potable	0	0	0	0	0	0	0	0	0	0	0	17,528	17,528							
Surplus/Shortage w/o WSCP Action: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	254.0	254							
% Surplus/Shortage w/o WSCP Action: Non-Potable												1%	1%							
Planned WSCP Actions																				
Benefit from WSCP: Supply Augmentation													0.0							
Benefit from WSCP: Demand Reduction													0.0							
Revised Surplus/Shortage with WSCP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	254.0	254.0							
% Revised Surplus/Shortage with WSCP												1%	1%							

¹Assessments are based on best available data at time of submitting the report and actual volumes could be different due to many factors.
²Units of measure (AF, CCF, MG) must remain consistent.
³When optional monthly volumes aren't provided, please enter yearly volumes in the June column (Jun³). If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

Table 5: Planned Water Shortage Response Actions						
			July 1, 2022		to June 30, 2023	
Anticipated Shortage Level (Drop Down List of State Standard Levels 1 - 6)	ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop Down List) These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.	Is Action Already Being Implemented? (Y/N)	How much is action going to reduce the shortage gap?		When is shortage response action anticipated to be implemented?	
			Enter Amount	(Drop Down List) Select % or Volume Unit	Start Month	End Month
<i>Add additional rows as needed</i>						
1	Expand Public Information Campaign	Yes	4	AF	July	June
1	Provide Rebates on Plumbing Fixtures and Devices	Yes	30	AF	July	June
1	Provide Rebates for Landscape Irrigation Efficiency	Yes	36	AF	July	June
1	Provide Rebates for Turf Replacement	Yes	2	AF	July	June
1	Landscape - Restrict or prohibit runoff from landscape irrigation	Yes			July	June
1	Landscape - Limit landscape irrigation to specific times	Yes			July	June
1	CII - Lodging establishment must offer opt out of linen service	Yes			July	June
1	CII - Restaurants may only serve water upon request	Yes			July	June
1	Water Features - Restrict water use for decorative water features, such as fountains	Yes			July	June
2	Decrease Line Flushing	No				
1	Reduce System Water Loss	Yes				
2	Landscape - Prohibit certain types of landscape irrigation	No			July	June
2	Landscape - Other landscape restriction or prohibition	No			July	June
2	Other - Customers must repair leaks, breaks, and malfunctions in a timely manner	No			July	June
1	Other - Prohibit use of potable water for washing hard surfaces	yes			July	June
NOTES: The City of Riverside doesn't anticipate having a shortage level since the supply is greater than the demand and despite some demand reduction actions are still ongoing . Riverside will consider activating stage 2 of our WSCP later in 2022 per the Governor's mandate in April of 2022.						