Table 1. Annual Assessment Information

Annual Assessment Information (Required)									
Year Covered By This Shortage Report									
Start: July 1,	2023								
End: June 30,	2024								
Supplier's Annual Assessment Planning Cycle									
Start Month:	July 1,2023								
End Month: June 30,2024									
Data Reporting Interval Used:	Data Reporting Interval Used: MONTHLY								
Volume Unit for Reported Supply and Demand:	٨F								
(Must use the same unit throughout)									
Water Supplier's Contact Information									
Water Supplier's 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									
(if different from above)									
Preparer's Organization Name:	Riverside Public Utilities								
Preparer's Contact Name:	Jolie Matta								
Phone Number:	951-351-6324								
Email Address:	<u>imatta@riversideca.gov</u>								
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:	N/A								
Annual Assessment / Shortage Report Approval Date:	N/A								
Other Annual Assessment Related Activities:	N/A								
(Add rows as needed)									

= From prior tables = Auto calculated

Table 2: Water Demands ¹															
Use Type			S	tart Year	:	2023		Volume	etric Unit	Used ² :		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	Additional Description (as needed)	Level of Treatment for Non- Potable Supplies Drop-down					Ρ	rojected	Water De	mands -	Volume ³				
(Add additional rows as needed)		list	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total by Water Demand Type
Demands Served by Potable Supplies															
Single Family			3,466	3,535	3,261	2,835	2,481	1,882	1,925	2,049	1,942	2,494	2,805	3,207	31,884
Multi-Family			612	624	576	500	438	332	340	362	343	440	495	566	5,627
Commercial			1,832	1,868	1,724	1,499	1,311	994	1,018	1,083	1,026	1,318	1,483	1,695	16,852
Landscape			188	192	177	154	135	102	105	111	105	136	152	174	1,732
Agricultural irrigation			133	135	125	109	95	72	74	79	74	96	108	123	1,222
															0
Losses			672	685	632	549	481	365	373	397	376	483	544	622	6,179
															0
Other Detector			22	22	24	10	10	42	12	12	42	10	10	20	0
Other Potable	Tatal hu 84	auth (Datable)	22	7.052	21	18	16	12	12	13	12	16	18	20	201
Demands Served by Non-Potable Suppl		onth (Potable)	6,924	7,062	6,515	5,664	4,956	3,759	3,846	4,094	3,879	4,983	5,605	6,407	63,696
Transform to other occurring		1		I					I		I			6 500	6 500
														0,500	0,500
Transfers to other agencies	GCC (LOWER)													7,000	7,000
Color to other agoncies														1,000	
Sales to other agencies	VVIVIVVD													2,000	600
Other Nennetable	Populad													220	220
	Recycleu													220	220
	Total by Month	(Non-Potable)	0	0	0	0	0	0	0	0	0	0	0	17.320	17.320
Notes: Demand was calculated based on	an average of 5 years	of monthly GP	CD and pro	ojected po	pulation.										,

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

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

³When opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Demand in the Table Instructions.

Optional (for comparison purposes)	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
Last year's total demand													0
Two years ago total demand													0
Three years ago total demand													0
Four years ago total demand													0

															= From prior	tables
															= Auto calcu	lated
Table 3: Water Supplies ¹																
Water Supply		Start Yea	r:	2023			Volum	etric Uni	it Used ² :		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 ³														Total Right or Safe Yield*
		lut	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total by Water Supply Type	List	(optional)
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		55,263
Groundwater (not desal.)	Riverside North Basin	1,036	1,043	968	858	753	591	533	546	544	738	835	956	9,402		10,902
Groundwater (not desal.)	Riverside South Basin	1,198	1,207	1,121	993	872	684	617	632	630	854	966	1,107	10,880		16,880
														0		
														0		
														0		
														0		
														0		
														0		
	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		
Groundwater (not desal.)	Rialto - Colton												2,728	2,728		2,728
Groundwater (not desal.)	Bunker Hill Basin												6,500	6,500		
Groundwater (not desal.)	Riverside North Basin												1,500	1,500		
Groundwater (not desal.)	Riverside South Basin												6,000	6,000		
	Total by Month (Non-Potable) 0	0	0	0	0	0	0	0	0	0	0	17,528	17,528		0
Notes: N/A																

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 opting to provide other than monthly volumes (bi-monthly, quarterly, or annual), please see directions on entering data for Projected Water Supplies in the Table Instructions.

											= Auto cal	culated	
											= From pr	ior tables	
											= For man	ual input	
Table 4(P): Potable Water Shortage Assessmen	t ¹ Start Year: <mark>2</mark>			2023 Volumetric Unit Used ² :						AF			
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun ³	Total
Anticipated Unconstrained Demand	6,924	7,062	6,515	5,664	4,956	3,759	3,846	4,094	3,879	4,983	5,605	6,407	63,696
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	3,070	3,008	2,832	2,616	2,314	1,948	1,300	1,180	1,372	2,136	2,450	2,823	27,049
% Surplus/Shortage w/o WSCP Action	44%	43%	43%	46%	47%	52%	34%	29%	35%	43%	44%	44%	42%
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													0.0
Benefit from WSCP: Demand Reduction	1384.9	1412.4	1303.1	1132.8	991.3	751.8	769.3	818.8	775.9	996.7	1120.9	1281.5	12739.2
Revised Surplus/Shortage with WSCP	4,455	4,421	4,135	3,748	3,305	2,700	2,069	1,999	2,148	3,133	3,571	4,105	39,788
% Revised Surplus/Shortage with WSCP	64%	63%	63%	66%	67%	72%	54%	49%	55%	63%	64%	64%	62%

Assessments 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, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. If a shortage is projected, the supplier is highly recommended to perform a monthly analysis to more accurately identify the time of shortage.

									1				
											= Auto ca	lculated	
											= From pr	ior tables	
											= For mar	nual input	
Table 4(NP): Non-Potable Water Shortage Asse		S	tart Year:	2023		Volumetr	ic Unit Us	ed²:		AF			
	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	0.0	0.0	0.0	0.0	0.0	0.0	17,320	17,320
Anticipated Total Water Supply: Non-Potable	0.0	0.0	0.0	0.0	0.0	0.0	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	208	208
% 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	208	208
% Revised Surplus/Shortage with WSCP												1%	1%

Assessments 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, verify Tables 2 and 3 use the same columns for data entry and are reflected properly in Table 4 and make sure to use those same columns to enter the benefits from Planned WSCP Actions. Please see directions on the shortage balancing exercise in the Table Instructions. 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,	2023	to June 30,	2024
Anticipated Shortage Level Drop-down List of	ACTIONS: Demand Reduction, Supply Augmentation, and Other Actions. (Drop-down List)	Is action already being	How much is ac reduce the sho	tion going to ortage gap?	When is short action antici implem	age response pated to be ented?
State Standard Levels (1 - 6) and Level 0 (No Shortage)	These are the only categories that will be accepted by the WUEdata online submittal tool. Select those that apply.	implemented? (Y/N)	Enter Amount	(Drop-down List) Select % or Volume Unit	Start Month	End Month
Add additional rows	as needed					
1	Expand Public Information Campaign	Yes	4	AF	July	June
0 (No Shortage)	Provide Rebates on Plumbing Fixtures and Devices	Yes	8.5	AF	July	June
0 (No Shortage)	Provide Rebates for Landscape Irrigation Efficiency	Yes	7.3	AF	July	June
0 (No Shortage)	Provide Rebates for Turf Replacement	Yes	19	AF	July	June
0 (No Shortage)	Other - Require automatic shut of hoses	Yes				
0 (No Shortage)	Landscape - Restrict or prohibit runoff from landscape irrigation	Yes			July	June
1	Landscape - Limit landscape irrigation to specific times	Yes			July	June
0 (No Shortage)	CII - Lodging establishment must offer opt out of linen service	Yes			July	June
0 (No Shortage)	CII - Restaurants may only serve water upon request	Yes			July	June
0 (No Shortage)	Water Features - Restrict water use for decorative water features, such as fountains	Yes			July	June
2	Decrease Line Flushing	No				
0 (No Shortage)	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	Yes			July	June
1	Other - Prohibit use of potable water for washing hard surfaces	Yes			July	June
3	Landscape - Limit landscape irrigation to specific days	No			July	June