

2020 UPDATE TO THE WATER SHORTAGE CONTINGENCY PLAN

Riverside Public Utilities – Water Resources

Board of Public Utilities

June 14, 2021

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LEGISLATIVE HISTORY

1. Each urban water supplier must develop and adopt a Water Shortage Contingency Plan (WSCP) as part of its Urban Water Management Plan (UWMP) every five years.
2. New requirement – 2020 WSCP must be stand-alone document to be included and submitted with UWMP by July 1, 2021.

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BACKGROUND

1. WSCP provides a roadmap for a water supplier to follow when a water shortage occurs due to any number of conditions (i.e. drought, regulatory action, emergency events).
2. Incorporates local conditions, constraints, and opportunities.

WSCP Requirements		Description
1	Water Supply Reliability Analysis*	Summarizes Chapter 7 of UWMP
2	Annual Water Supply & Demand Assessment Procedures*	Written decision-making process to determine annual water supply reliability
3	Six Standard Water Shortage Percentage Levels*	Adopt six standard shortage levels or cross-reference existing stages
4	Shortage Response Actions*	Specify supply augmentation, demand reduction, operational changes, local waste prohibitions, and shortage reduction for each action
5	Communications Protocols*	Description of how shortage levels and response actions will be communicated to customers and stakeholders
6	Compliance and Enforcement	Reference Code Enforcement procedures
*Denotes new 2020 WSCP requirements.		

WSCP Requirements		Description
7	Legal Authorities	Describe legal authority to declare water shortages
8	Financial Consequences of WSCP Activation	Description of potential revenue impacts for shortage response actions
9	Monitoring and Reporting	Description of monitoring and reporting customer response to mandatory shortage response actions
10	WSCP Refinement Procedures*	Description for evaluating and improving WSCP
11	Special Water Feature Definition*	Define water-supplied features (i.e. ponds, lakes, fountains)
12	Plan Adoption, Submittal, & Availability	Documentation of steps taken to adopt and submit WSCP

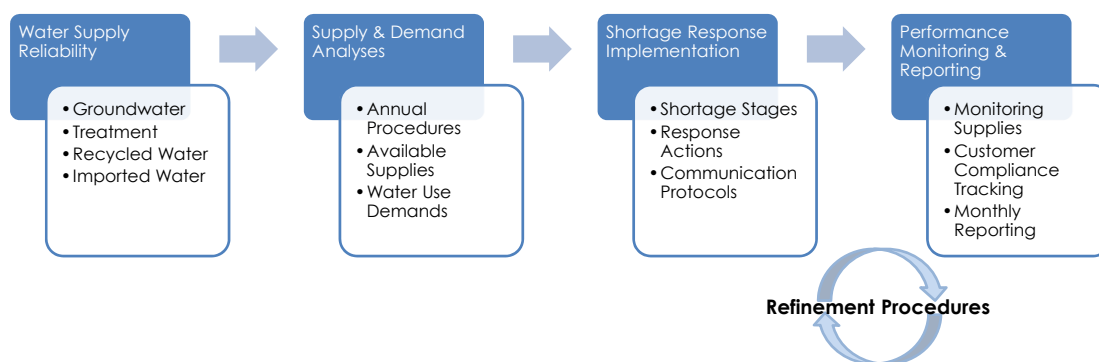
*Denotes new 2020 WSCP requirements.



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DISCUSSION



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WATER SHORTAGE LEVELS

Described in City's Water Conservation Ordinance (Ch. 14.22 Riverside Muni Code)

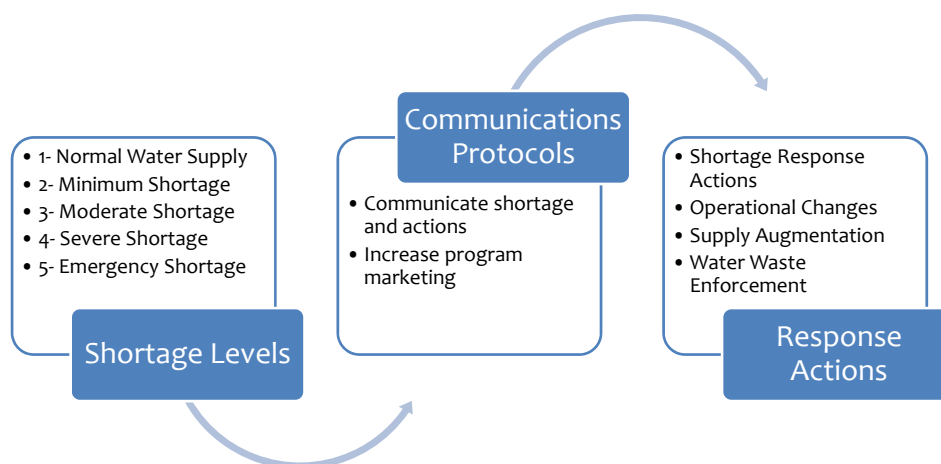
Riverside's Shortage Levels	Supply Condition	Supply Reduction		State's Standard Level	Shortage Level
1	Normal Water Supply	0%		1	≤10%
2	Minimum Water Shortage	15%		2	10-20%
3	Moderate Water Shortage	15-20%			
4	Severe Water Shortage	20-50%		3	20-30%
				4	30-40%
				5	40-50%
5	Emergency Water Shortage	>50%		6	>50%

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SHORTAGE RESPONSE IMPLEMENTATION



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WSCP COMMENTS RECEIVED

From C.U.R.E.:

1. Need a baseline number (perhaps $85,774 + 21,700 = 107,474$)
2. Surplus water sales terminated when a shortage is declared
3. The City does not agree with the 6 stages declarations by the State

RECOMMENDATION

That the Riverside Public Utilities Board:

1. Conduct a public hearing to review the 2020 Water Shortage Contingency Plan; and
2. Recommend the City Council adopt the 2020 Water Shortage Contingency Plan.