



# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE: MAY 24, 2021**

**SUBJECT: 2020 URBAN WATER MANAGEMENT PLAN UPDATE AND WORKSHOP**

**ISSUE:**

Consider receiving a progress update and holding a workshop on the 2020 Urban Water Management Plan.

**RECOMMENDATION:**

That the Board of Public Utilities receive an update and hold a workshop on the 2020 Urban Water Management Plan.

**BACKGROUND:**

On March 8, 2021, the Board of Public Utilities (Board) approved a Supplemental Agreement for the preparation of the 2020 Riverside Public Utilities Urban Water Management Plan with Water Systems Consulting, Inc., of Rancho Cucamonga (WSC), in an amount not to exceed \$87,300.

An Urban Water Management Plan (UWMP) is a required mandate to be prepared by every urban water supplier as defined in the California Water Code Section 10610 through 10656 and must be updated every five years for calendar years ending in "0" or "5". These plans support the water suppliers' long-term resource planning to ensure that adequate water supplies are available to meet existing and future water needs. The 2020 update is due to the California Department of Water Resources (DWR) on July 1, 2021. Consequently, Riverside Public Utilities (RPU) update must be adopted and submitted to DWR prior to July 1, 2021.

This UWMP summarizes RPU's projected retail and wholesale water demands and characterizes the source waters available to meet those demands for the next 25 years. The plan also describes the reliability of RPU's water supplies and discusses RPU's water shortage contingency plan during a catastrophic event and drought conditions.

**DISCUSSION:**

DWR recommends, but does not require, that a Supplier use the organization outlined in the following table to prepare its 2020 UWMP:

Chapter	2015 UWMP Topic	2020 UWMP Topic
1	Executive Summary	Introduction and Lay Description
2	Introduction and Overview	Plan Preparation
3	Plan Preparation	System Description
4	System Description	Customer Water Use
5	System Water Use	Conservation Target Compliance
6	Baselines and Targets	System Supplies
7	System Supplies	Water System Reliability
8	Water Supply Reliability Assessment	Water Shortage Contingency Plan
9	Water Shortage Contingency Plan	Demand Management Measures
10	Demand Management Measures	Plan Adoption, Submittal, and Implementation
11	Plan Adoption, Submittal, and Implementation	-
Appendices		

RPU's last UWMP was submitted in June 2016 and included data through the end of 2015. For the 2020 cycle, there are some new requirements for UWMPs that have been implemented through legislation passed since 2015. The following is a summary of the new requirements for the 2020 UWMP update:

2015 UWMP	2020 UWMP
None Required - Executive Summary (Ch. 1)	Introduction and Lay Description (Ch. 1)
Three Consecutive Dry-Year Water Reliability Assessment (Ch. 8)	Five Consecutive Dry-Year Water Reliability Assessment (Ch. 7)
None Required	Drought Risk Assessment (Ch. 4)
None Required	Seismic Risk (Ch. 8)
None Required	Energy Use Information (Ch. 6)
Water Loss Reporting for One Year (Ch. 5)	Water Loss Reporting for Five Years (Ch. 4)
WSCP was Four (4) stages (Ch. 9)	Water Shortage Contingency Plan with Six stages (Ch. 8)
None Required	Groundwater Supplies Coordination (Ch. 6)

WSC and RPU staff members have been working diligently since the approval of the Supplemental Agreement to complete the required UWMP chapters by the deadline of July 1. The following tasks have been completed as of April 30, 2021:

- All requested data from WSC has been submitted by the RPU team. This data is necessary for WSC to prepare population projections, consumption analysis, address water loss, update the baseline and target consumptions, and update the supply and demand projections.
- All required notice of preparation to neighbor agencies, Cities, and Counties were sent on March 15.
- All chapters have been drafted by WSC and are currently under review by staff, including the demand management measures and the water shortage contingency plan.

The upcoming schedule of events is as follows:

- As part of the mandated public education and outreach, RPU will publish the newspaper notice of preparation on May 17 and May 24.
- RPU will publish the draft 2020 UWMP for public review on the RPU website by May 17.
- RPU will hold a workshop on the contents of the draft 2020 UWMP at its May 24 Board meeting, which is included in the attached presentation (Attachment 2).
- The Board of Public Utilities will hold a public hearing on June 14 and recommend that the City Council adopt the 2020 UWMP on June 22.

This project is expected to be completed on schedule for submission to the State by July 1, 2021.

Specific details regarding the City's 2020 UWMP are set forth in the presentation attached to this report.

### **FISCAL IMPACT:**

There is no fiscal impact associated with this informational report.

Prepared by:	Michael L. Plinski, Engineering Manager
Approved by:	Todd M. Corbin, Utilities General Manager
Approved by:	Al Zelinka, FAICP, City Manager
Approved as to form:	Kristi Smith, Interim City Attorney

Certifies availability of funds:	Edward Enriquez, Chief Financial Officer/City Treasurer
----------------------------------	---

Attachment:

1. 2015 UWMP
2. Presentation