RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES **DATE: JUNE 8, 2026**

SUBJECT: PUBLIC HEARING – 2025 URBAN WATER MANAGEMENT PLAN

ISSUE:

Consider conducting a public hearing to review the 2025 Urban Water Management Plan.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Conduct a Public Hearing to review the 2025 Urban Water Management Plan; and

2. Recommend that the City Council adopt a resolution adopting the 2025 Urban Water Management Plan prepared by the City of Riverside's Public Utilities Department.

BACKGROUND:

On October 27, 2025, the Board of Public Utilities (Board) approved a professional service agreement for the preparation of the 2025 Riverside Public Utilities Urban Water Management Plan (UWMP) with Civiltec Engineering, Inc., of Monrovia, California, in an amount not to exceed $82,720.

California urban water suppliers that serve more than 3,000 acre-feet per year (AFY) are required to prepare an Urban Water Management Plan (UWMP) every five years. These reports are submitted to the California Department of Water Resources (DWR), who reviews the reports and verifies that they meet the requirements of the California Water Code (CWC). The CWC defines an urban water supplier (Supplier) as an agency that provides water for municipal purposes to more than 3,000 customers or serving more than 3,000 AFY; Riverside Public Utilities (RPU) delivers more than 3,000 AFY and is thus required to prepare a UWMP every five years. RPU's last UWMP was submitted in June 2021 and included data through the end of 2020.

In addition to preparing a 2025 UWMP to meet the 2025 guidelines, RPU prepared a Water Shortage Contingency Plan (WSCP) as a stand-alone document that will be reviewed and considered for adoption alongside the UWMP.

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.

Discussion:

Since the previous 2020 UWMP, there have been a few changes in the guidebook released in January 2026. Riverside Public Utilities' 2025 UWMP reflects these changes where applicable.

Updates have included the following:

- Minor changes to the California Water Code
- Criteria for suppliers with multiple public water systems
- DWR submittal tables
- Compliance with 2028 Water Loss Standard for water loss reporting
- Direct potable reuse (highly treated recycled wastewater for drinking water use)
- Optional lower-income housing forecasting methodology
- Reporting groundwater recharge and other water storage

Water Demand

The total potable and raw water demand projection for CY 2025 from the 2020 UWMP was 85,012 AFY. However, the actual demands since the last 2020 UWMP have decreased. The actual and projected demands are shown in the following tables:

Actual Demand

History of Total Actual Demand	2021	2022	2023	2024	2025
Potable (AF)	68,198	68,724	57,832	61,990	63,169
Raw Water and Recycled Water Demand (AF)	13,922	13,165	9,164	9,768	11,765
Total Water Use (AF)	**82,120**	**81,889**	**66,996**	**71,758**	**74,934**

Projected Demands

	2025	2030	2035	2040	2045	2050
Potable Water (AF)	63,169	71,860	72,436	73,200	73,603	74,195
Raw Water and Recycled Water Demand (AF)	11,765	19,800	23,370	23,370	23,370	23,370
Total Water Use (AF)	**74,934**	**91,660**	**95,806**	**96,570**	**96,973**	**97,565**

The demand projections were developed considering variables such as climate, population growth, new expanding projects and customer behavior. RPU prepared projections of future demand using the period from 2020 to 2025 as a baseline to account for the variability in customers consumption behavior related to wet and dry years, projecting population growth using an annual growth rate, and assuming demand per customer would remain relatively constant. The

annual growth percentage incorporated the expected increase in service area population based on regional growth forecasts.

Water Supplies

The projected water supply for the next 25 years, including the assumed increase of recycled water supply, is expected to increase by a total of 20,350 AF. These future supply projects are identified in the 2025 UWMP document and will be refined in the future Integrated Water Supply and Demand Management Plan (IWSDMP). The IWSDMP will provide a detailed perspective and timeline on the feasibility of these potential water supply projects. The Table below summarizes the increase in water supply reliability of these identified projects:

	2025	2030	2035	2040	2045	2050
Projected Water Supply (AF)	107,473	108,873	112,973	116,773	118,273	118,273
Projected Recycled Water Supply (AF)	200	5,700	9,750	9,750	9,750	9,750
Projected Water Supply (AF)	**107,673**	**114,573**	**122,723**	**126,523**	**128,023**	**128,023**

Water Supply Reliability

Historically, RPU's source waters have proven reliable, even during dry year periods, including the multi-year droughts from 1984 to 1990, 1999 to 2002, 2006 to 2009, 2012 to 2016, and 2018 to 2022. To date, RPU has not experienced any significant water supply deficiencies. RPU, along with other local water agencies, is cooperating to increase groundwater reliability. In summary, a comparison of projected supply and demand is shown in the following table.

	2025	2030	2035	2040	2045	2050
Supply Totals (AF)	107,673	114,573	122,723	126,523	128,023	128,023
Demand Totals (AF)	74,934	91,660	95,806	96,570	96,973	97,565
Difference (AF)	**32,739**	**22,913**	**26,917**	**29,953**	**31,050**	**30,458**

RPU staff will file a copy of the UWMP with the California Department of Water Resources, as required by the CWC, by the July 1 deadline following adoption by the City Council.

FISCAL IMPACT:

There is no fiscal impact associated with this report.

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Attachments:

1. Resolution
2. Draft 2025 Urban Water Management Plan
3. Notice
4. Presentation