

# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE:** October 25, 2021

**GENERAL MANAGER'S REPORT**

**SUBJECT: MONTHLY WATER REPORT – AUGUST 31, 2021**

In August, RPU's total water production was 8,923 acre-feet (AF) as shown in Figures 1 and 2. RPU's annual rolling production totals by month are shown in Figure 3. In August, the peak water usage on the potable water distribution system was 80.9 million gallons per day (MGD) and occurred on August 2, 2021 as shown in Figure 4.

RPU's potable water supply, including deliveries to Western Municipal Water District (WMWD), and the City of Norco totaled 7,315 AF, which decreased from last August by 977 AF. Under the Cooperative Agreement for Water Production and Conveyance with WMWD 1 AF was wheeled to WMWD during August. During this 2021/22 fiscal year, a total of 1 AF of potable water has been delivered to WMWD. And Under the Agreement for the Sale of Surplus Potable Water and Emergency Water, RPU delivered 0 AF to Norco in August 2021.

In August, RPU's Gallons Per-Capita per Day (GPCD) was 245, and its Residential Gallons Per-Capita per Day (R-GPCD) was 144. RPU's annual rolling GPCD was 195, which is below the compliance target specified in SB X7-7 (i.e. 20% reduction by 2020) of 213. RPU's annual rolling R-GPCD was 116 as shown in Figure 5. The new performance standard will be published in Fall 2021 and will be implemented in 2023.

Weather conditions within the City of Riverside showed that August of 2021 was cooler by 5 degrees from August last year with no significant precipitation.

There were no significant events for the water system in August 2021.

### Basin Groundwater Levels

Groundwater levels in the Bunker Hill, Rialto-Colton, and Riverside North basins are continuing to show a long-term declining trend, while groundwater levels in the Riverside South Basin remain relatively stable as shown in Figure 6. Water levels decreased by 13 feet in the Bunker Hill Basin compared to August of last year. Water levels in the Rialto-Colton Basin decreased by 4 feet as compared to August of last year. Water levels in the Riverside North Basin also decreased by 1 foot and the levels in the Riverside South Basin remained constant.