

# RIVERSIDE PUBLIC UTILITIES

## Board Memorandum

**BOARD OF PUBLIC UTILITIES**

**DATE: NOVEMBER 8, 2021**

**GENERAL MANAGER'S REPORT**

**SUBJECT: MONTHLY WATER REPORT – SEPTEMBER 30, 2021**

In September, RPU's total water production was 7,978 acre-feet (AF) as shown in Figures 1 and 2. RPU's annual rolling production totals by month are shown in Figure 3. In September, the peak water usage on the potable water distribution system was 77.5 million gallons per day (MGD) and occurred on September 6, 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 6,632 AF, which decreased from last September by 1,041 AF. Under the Cooperative Agreement for Water Production and Conveyance with WMWD 0 AF was wheeled to WMWD during September. 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 September 2021.

In September, RPU's Gallons Per-Capita per Day (GPCD) was 230, and its Residential Gallons Per-Capita per Day (R-GPCD) was 134. RPU's annual rolling GPCD was 192, 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 114 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 September of 2021 was cooler by 4 degrees from September last year and experienced an increase of .01 inches of rainfall compared to September 2020.

There were no significant events for the water system in September 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 10 feet in the Bunker Hill Basin compared to September of last year. Water levels in the Rialto-Colton Basin decreased by 4 feet as compared to September of last year. Water levels in the Riverside North Basin also decreased by 3 foot and the levels in the Riverside South Basin remained constant.

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