



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: DECEMBER 13, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY WATER REPORT – OCTOBER 31, 2021

In October, RPU's total water production was 7,401 acre-feet (AF) as shown in Figures 1 and 2. RPU's annual rolling production totals by month are shown in Figure 3. In October, the peak water usage on the potable water distribution system was 76.2 million gallons per day (MGD) and occurred on October 4, 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 6,155 AF, which decreased from last October by 950 AF. Under the Cooperative Agreement for Water Production and Conveyance with WMWD 604 AF was wheeled to WMWD during October. During this 2021/22 fiscal year, a total of 605 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 October 2021.

In October, RPU's Gallons Per-Capita per Day (GPCD) was 185, and its Residential Gallons Per-Capita per Day (R-GPCD) was 108. RPU's annual rolling GPCD was 190, 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 112 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 October of 2021 was cooler by 6.6 degrees from October last year and experienced an increase of .4 inches of rainfall compared to October 2020.

On a regional scale, the link below provides real-time updates on the progression and intensity of the Drought within the State:

<https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA>

There were no significant events for the water system in October 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 9 feet in the Bunker Hill Basin compared to October of last year. Water levels in the Rialto-Colton Basin decreased by 4 feet as

compared to October of last year. Water levels in the Riverside North Basin also decreased by 2 feet and the levels in the Riverside South Basin remained constant.

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