



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JULY 12, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY WATER REPORT – MAY 31, 2021

In May, RPU's total water production was 8,114 acre-feet (AF) as shown in Figures 1 and 2. RPU's annual rolling production totals by month are shown in Figure 3. In May, the peak water usage on the potable water distribution system was 78 million gallons per day (MGD) and occurred on May 25, 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 6,780 AF, which decreased from last May by 169 AF. Under the Cooperative Agreement for Water Production and Conveyance with WMWD 659 AF was wheeled to WMWD during May. During this 2020/21 fiscal year, a total of 7,246 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 May 2021.

In May, RPU's Gallons Per-Capita per Day (GPCD) was 202, and its Residential Gallons Per-Capita per Day (R-GPCD) was 120. RPU's annual rolling GPCD was 194, 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 May of 2021 was cooler by 5 degrees from May last year and experienced a decrease of .04 inches of rainfall compared to May 2020.

There were no significant events for the water system in May 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 20 feet in the Bunker Hill Basin compared to May of last year. Water levels in the Rialto-Colton Basin decreased by 3 feet as compared to May of last year. Water levels in the Riverside North Basin decreased by 11 feet and the levels in the Riverside South Basin decreased by 1 foot.