



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: AUGUST 9, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY WATER REPORT – JUNE 30, 2021

In June, RPU's total water production was 8,612 acre-feet (AF) as shown in Figures 1 and 2 in the attached Water Charts report. RPU's annual rolling production totals by month are shown in Figure 3. In June, the peak water usage on the potable water distribution system was 85 million gallons per day (MGD) and occurred on June 14, 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 7,095 AF, which decreased from last June by 131 AF. Under the Cooperative Agreement for Water Production and Conveyance with WMWD 322 AF was wheeled to WMWD during June. During this 2020/21 fiscal year, a total of 7,567 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 June 2021.

In June, RPU's Gallons Per-Capita per Day (GPCD) was 231, and its Residential Gallons Per-Capita per Day (R-GPCD) was 138. 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 June of 2021 was warmer by 3.2 degrees from June last year and experienced an increase of .15 inches of rainfall compared to June 2020.

There were no significant events for the water system in June 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 16 feet in the Bunker Hill Basin compared to June of last year. Water levels in the Rialto-Colton Basin decreased by 4 feet as compared to June of last year. Water levels in the Riverside North Basin decreased by 7 feet and the levels in the Riverside South Basin decreased by 1 foot.

Attachment: Water Charts