



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JUNE 14, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY WATER REPORT – APRIL 30, 2021

In April, RPU's total water production was 7,361 acre-feet (AF) as shown in Figures 1 and 2. RPU's annual rolling production totals by month are shown in Figure 3. In April, the peak water usage on the potable water distribution system was 73 million gallons per day (MGD) and occurred on April 30, 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 6,137 AF, which increased from last April by 2,141 AF. Under the Cooperative Agreement for Water Production and Conveyance with WMWD 709 AF was wheeled to WMWD during April. During this 2020/21 fiscal year, a total of 6,587 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 25 AF to Norco in April 2021.

In April, RPU's Gallons Per-Capita per Day (GPCD) was 185, and its Residential Gallons Per-Capita per Day (R-GPCD) was 111. 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 117 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 April of 2021 was warmer by 3 degrees from April last year and experienced a decrease of .5 inches of rainfall compared to April 2020.

There were no significant events for the water system in April 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 30 feet in the Bunker Hill Basin compared to March of last year. Water levels in the Rialto-Colton Basin decreased by 2 feet as compared to March of last year. Water levels in the Riverside North Basin decreased by 15 feet, while the levels in the Riverside South Basin remained constant.