

RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: MAY 10, 2021

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY WATER REPORT – MARCH 31, 2021

In March, RPU's total water production was 5,909 acre-feet (AF) as shown in Figures 1 and 2. RPU's annual rolling production totals by month are shown in Figure 3. In March, the peak water usage on the potable water distribution system was 63 million gallons per day (MGD) and occurred on March 29, 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 5,057 AF, which increased from last March by 942 AF. Under the Cooperative Agreement for Water Production and Conveyance with WMWD 724 AF was wheeled to WMWD during March. During this 2020/21 fiscal year, a total of 5,878 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 59 AF to Norco in March 2021.

In March, RPU's Gallons Per-Capita per Day (GPCD) was 142, and its Residential Gallons Per-Capita per Day (R-GPCD) was 84. 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 115 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 March of 2021 was warmer by 5 degrees from March last year and experienced an increase of .07 inch of rainfall compared to March 2020.

There were no significant events for the water system in March 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 18 feet in the Bunker Hill Basin compared to March of last year. Water levels in the Rialto-Colton Basin decreased by 4 feet as compared to March of last year. Water levels in the Riverside North Basin decreased by 8 feet, while the levels in the Riverside South Basin remained constant.