



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: JANUARY 10, 2022

GENERAL MANAGER'S REPORT

SUBJECT: MONTHLY WATER REPORT – NOVEMBER 30, 2021

In November, RPU's total water production was 6,958 acre-feet (AF) as shown in Figures 1 and 2. RPU's annual rolling production totals by month are shown in Figure 3. In November, the peak water usage on the potable water distribution system was 68.2 million gallons per day (MGD) and occurred on November 12, 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 5,879 AF, which increased from last November by 24 AF. Under the Cooperative Agreement for Water Production and Conveyance with WMWD 508 AF was wheeled to WMWD during November. During this 2021/22 fiscal year, a total of 1,290 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 November 2021.

In November, RPU's Gallons Per-Capita per Day (GPCD) was 180, and its Residential Gallons Per-Capita per Day (R-GPCD) was 104. 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 standards are being finalized and will be implemented in 2023.

Weather conditions within the City of Riverside showed that November of 2021 was warmer by 2.1 degrees from November last year and experienced a decrease of .08 inches of rainfall compared to November 2020.

Regionally, real-time updates on the progression and intensity of the Drought within the State are available at: <https://droughtmonitor.unl.edu/CurrentMap/StateDroughtMonitor.aspx?CA>.

There were no significant events for the water system in November 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 13 feet in the Bunker Hill Basin compared to November of last year. Water levels in the Rialto-Colton Basin decreased by 4 feet as compared to November of last year. Water levels in the Riverside North Basin also increased by 3 feet and the levels in the Riverside South Basin remained constant.

Attachment: Water Charts