

MEMORANDUM

Date: May 18, 2021
To: Board of Directors
From: Ron Greenfield, Acting Director of Field Operations
Subject: Golf Course Water Delivery Options

BACKGROUND

The District has an agreement to pump reclaimed water to the Rancho Murieta Country Club (RMCC) to be used for their irrigation needs. This practice involves pumping water to Bass Lake on the North Course, which in turn is utilized by the RMCC for irrigation. This past Winter, when Operations Staff performed the inspection of the two Dissolved Air Flootation (DAF) systems, the pumps that push water to Bass Lake were identified for replacement. The replacement pumps are currently on order and due to ship from Texas on June 1st. When the pumps arrive, they will need to be wired and installed with a different piping configuration.

Additionally, the two pumps used to pump water through the hydro-pneumatic tank were also evaluated during the Winter and found to need replacement. These two new pumps are on order and scheduled to ship from Tennessee on May 19th.

CURRENT SITUATION

Utility Staff spoke with the RMCC course Superintendent to inform him of the shortfall of reclaimed water this year. This overall shortfall is due to a decrease in wastewater because of environmental conditions. The District notified the Club they would probably need to utilize river water through early June to offset the lower storage available for their irrigation use. The Club can utilize river water under various water rights; riparian Statement 9697, Application 16142, and Application 23416.

Our original plan was to begin delivering reclaimed water by mid-June. However, the delivery of the replacement pumps is not guaranteed to take place as planned. Furthermore, if there are shipping or production delays, which is common in the current COVID era, we could see additional delays. At this point, it is more realistic to assume that the reclaimed water may not be available until July 15th.

CONTINGENCY PLAN TO SUPPLY WATER TO GOLF COURSE

To meet the demands for providing water to the Club, we have developed a contingency plan which consists of solutions for the North and South courses. Part one, North Course, involves moving water from Clementia to the CIA Ditch and then from the CIA Ditch to Bass Lake. Part two, South Course, involves diverting water from Clementia through existing pipes to hole-ten lake, located on the south golf course. RMCC can then irrigate as normal from Bass Lake and the hole-ten lake as usual? Should we move forward with this plan, we will plan to replenish Clementia Reservoir with water from the river whenever possible. This action is allowable under the water rights that belong to the Club. The total cost for this solution is under \$10,000.