

# MEMORANDUM



TO: Rio Salado Enhance Services Commission  
FROM: Craig Caggiano, Water Resources Manager  
DATE: April 12, 2022  
SUBJECT: Town Lake Operations Update

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- Calendar Year 2021 Annual Dam inspection has been completed; no significant issues discovered as has been the case in all previous inspections since the dam began operating.
- Early in 2022, work was completed to evaluate dam related components to better understand the lifespan of components that are difficult to determine through visual inspections. This included laboratory analysis and engineering evaluations of hydraulic cylinder components and other aspects of the hydraulic system. No significant concerns were found.
- Water quality through 2022 has been stable, with testing indicating no concerns for upcoming special events requiring full body contact certification.
- January through June is typically when evaporation requires the most water delivered to the lake to make up for evaporation. To date, the lake has received approximately 340 acre-feet of makeup water. 1,500 acre-feet of makeup is considered average.
- Despite on-going drought and challenges to the Colorado River system, Tempe continues to have sufficient supplies to meet the demands of the water service area. This includes Tempe Town Lake. Visit [tempe.gov/water](http://tempe.gov/water) for more information on Tempe's drought preparedness and related activities.