

run the reuse system without staff present. When the reuse system is offline for 16 hours or more the chlorine residuals drop too low. Due to the system's specific design, the entire storage tank must be emptied and refilled to re-chlorinate the reclaimed water. This process is time consuming and results in reclaimed water being available for a limited period each day, making it unusable by the City's primary reuse customer, Tice Farms. This project proposes to move the chlorine contact chamber from within the storage tank to a free-standing unit, allowing for recirculation and quicker re-chlorination of reclaimed water to provide consistent availability to the City's customers. The City will be able to produce up to 1.5 MGD of public access reuse water. The total project cost is estimated at \$1,086,340 with a local match of \$86,340 and an FDEP grant request of \$1,000,000.

Funding for these projects is included in the Fiscal Year 2020-2021 Final Budget.

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