



CITY OF CONCORD

INFORMATIONAL REPORT TO MAYOR AND THE CITY COUNCIL

FROM: Earle M. Chesley P.E., General Services Director

DATE: October 21, 2020

SUBJECT: Penacook Wastewater Treatment Plant Emergency Repairs

Discussion

The Penacook Wastewater Treatment Plant was originally constructed in 1972. While the city has been diligent in continuing to maintain and upgrade the facility, several components are still original to the plant.

In September 2020, staff discovered a leak from one of the original underground isolation valves that provides a critical process function. While attempting to initiate the backup system, a second valve failed on the same system.

Due to the critical nature of the valves and the need to have them operational for the winter season, General Services' staff immediately solicited bids for the replacement of the two valves and presented City Administration with a cost of approximately \$180,000 for the repairs. The valves are located approximately seventeen feet below grade in an area with high groundwater that makes their excavation and repair complex. City Administration and General Services evaluated existing 2020 capital improvement projects (CIP) as a potential source of funding for the unexpected repairs and identified a similar valve replacement project that had appropriated but had not yet commenced. With the approval of the City Manager and consultation of the Deputy City Manager-Finance, GSD utilized \$150,000 of funds from the appropriated CIP project and an additional \$30,000 of funds from the Wastewater Division Operating Budget emergency repairs line to implement the emergency valve replacement prior to winter.

In the near future, General Services and City Administration will evaluate the current budget, reserve funds, and completed CIP projects to identify potential funding sources to replenish the CIP project fund that was utilized for this emergency repair. At this time the city has processed a purchase order to the contractor and will complete the required emergency repair that is needed to be complete prior to the winter season to maintain operations.