



TO: FRUITA CITY COUNCIL AND MAYOR

FROM: MARGARET SELL, FINANCE DIRECTOR/CITY CLERK

DATE: SEPTEMBER 21, 2021

AGENDA TEXT: RESOLUTION 2021-24 – A request to approve a resolution amending the 2021 Budget and transferring funds from the Sewer Fund Contingency account for sewer lift station maintenance

BACKGROUND

This budget amendment transfers \$33,500 from the Sewer Fund Contingency Account as follows:

- I-70 Lift Station Pre-Emptive Variable Frequency Drive (VFD) Replacements. This budget amendment transfers \$33,500 from the Sewer Fund Contingency Account to the Wastewater Collections program for pre-emptive replacements of the remaining two 100 hp VFD's at the I-70 Lift Station.

The I-70 Lift Station is a critical lift station as it delivers the majority of the City's wastewater to the wastewater treatment plant. On July 28, a storm passed through the area causing damage to one of the VFD's either through a power surge or lighting strike. One of the 100 hp pumps was taken out of service due to the damaged VFD and a contingency budget amendment was approved on September 7, 2021 to replace the VFD. Since that time, the cooling fan on another VFD has stopped working causing the unit to overheat. The City has temporarily replaced the fan with the fan from the non-functioning VFD and is currently renting an 8' pump to have on standby in the event we lose a pump or another VFD.

Further analysis of the remaining two VFD's for the 100 hp pumps performed by Browns Hill Engineering indicates that the VFD's are at the end of their 10 to 15 year life cycle with excessive corrosion due to high H₂S gases. These VFD's were phased out by the manufacturer approximately 7 years ago and repair and replacement parts are mostly unavailable. This contingency transfer will allow the City to replace the two remaining 100 hp VFD's prior to failure, ensuring continuous flow of wastewater to the treatment facility.

FISCAL IMPACT

- The Sewer Fund contingency account of \$50,800 will be reduced by \$33,500 to \$17,300.

APPLICABILITY TO CITY GOALS AND OBJECTIVES

This contingency transfer assists with providing wastewater collection and treatment services, a core service provided by the City.

OPTIONS AVAILABLE TO THE COUNCIL

- Approve the budget amendment as presented or with amendments
- Take no action and postpone replacement until the 2022 budget cycle.

RECOMMENDATION

It is the recommendation of staff that the Council by motion:

ADOPT RESOLUTION 2021-24 AMENDING THE 2021 BUDGET AND TRANSFERRING FUNDS FROM THE SEWER FUND CONTINGENCY ACCOUNTS FOR SEWER LIFT STATION REPAIRS