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**TO:** FRUITA CITY COUNCIL AND MAYOR

**FROM:** SHANNON VASSEN, ASSISTANT CITY MANAGER

**DATE:** SEPTEMBER 3, 2024

**AGENDA TEXT:** RESOLUTION 2024 – 25 - A Request to Approve a Resolution Amending the 2024 Budget and Transferring Funds from the Sewer Fund Contingency Account for Emergency Equipment Repairs at the Wastewater Reclamation Facility.

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### BACKGROUND

The storage nitrification denitrification reactor (SNDR) is a process used in wastewater treatment plants to improve the nitrification and denitrification of digested biosolids. The SNDR creates optimal conditions for these processes, including temperature, pH, alkalinity, and aeration and helps to improve dewaterability, cake quality, and reduce recycle concentrations. The SNDR motive pump has developed a hole in its volute (casing). This is a known problem with this model age of pump and is caused by a design flaw where a plate was welded on the inside of the pump to shred rags/debris. This plate causes corrosion and cavitation in the pump. This issue has been rectified in the new pumps with a stainless - steel coating inside the pump volute. Staff is proposing to purchase a new pump and salvage any usable parts from the existing pump for shelf spares. This equipment has an 12-16-week lead time. This budget amendment transfers \$34,000 from the Sewer Fund Contingency Account to the Sewer Treatment program to purchase a new SNDR Pump for the Wastewater Treatment Plant.

### FISCAL IMPACT

- The Sewer Fund contingency account of \$55,150 will be reduced by \$34,000 to \$21,150.

### APPLICABILITY TO CITY GOALS AND OBJECTIVES

The contingency transfer includes necessary costs for the provision of core services and goals identified by the City Council.

### OPTIONS AVAILABLE TO THE COUNCIL

- Approved the budget amendment as presented.
- Advise staff to amend the budget amendment.

### RECOMMENDATION

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

**ADOPT RESOLUTION 2024-25 – AMENDING THE 2024 BUDGET AND TRANSFERRING FUNDS FROM THE SEWER FUND CONTINGENCY ACCOUNT FOR EMERGENCY EQUIPMENT REPAIRS AT THE WASTEWATER RECLAMATION FACILITY.**