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Staff Report

To: Honorable Mayor Whitfield, and Members of the City Council

Through: Danny Roberts, City Manager

From: Brandon Phillips, Director of Utilities

Date: February 12, 2026

Subject: Polymer Feed System

RECOMMENDATION:

The Utilities Department recommends the City Council approves the replacement of the polymer feed system at the wastewater treatment facility.

FISCAL IMPLICATION:

We received three quotes for a new polymer system for the centrifuge. Staff is requesting approval to purchase a new Acrison system. Line item 505-4300-522203 will be used for the purchase.

Acrison - \$17,375.00

TDH Company - \$22,379.10

Burt Process Equipment - \$12,170.00

BACKGROUND:

Polymers are used in the sludge dewatering process to help create a more efficient solid-liquid separation. This helps sludge thicken faster and increases dryness which makes the disposal process more efficient. Our treatment facility currently uses two Acrison polymer systems, and we are currently operating without a back-up unit. The failed unit was installed in 1999 when the original plant was constructed. The new unit comes on a skid and will be a direct mount to existing infrastructure for easy installation.