

TO: Mayor and City Council

FROM: Jed Petersen, Public Works Director

SUBJECT: GridBee® AP500 Wet Well Mixer

MEETING DATE: Tuesday, October 7, 2025

Background

Earlier this year the Utilities Department conducted a 30-day trial of the GridBee® AP500 Air-Powered Wet Well Mixer at the Park Street Lift Station. The trial showed a marked reduction in fats, oils, grease (FOG), and debris accumulation, resulting in less staff time spent on cleaning and maintenance.

Given these positive results, staff recommends purchasing a second GridBee® AP500 for installation in the Main lift station at the Wastewater Treatment Plant. This location experiences similar FOG and debris buildup and would benefit from the same operational improvements.

Equipment Benefits

- Mixes to depths up to 10 feet
- Operates dry with no risk of damage
- No moving parts, long service life
- Portable design installs through 14-inch or larger openings
- Corrosion-resistant 316L stainless-steel construction

Cost

- GridBee® AP500 Wet Well Mixer package: \$4,465.00 (includes AP500 mixer, AU200 air unit, 50 feet of air hose, and 50 feet of stainless-steel retrieval chain)
- Additional expenses: electrician services to install power for the air unit and a protective cover for the mixer.

Staff Recommendation

Authorize purchase of one additional GridBee® AP500 Wet Well Mixer at a cost of \$4,465.00, plus necessary expenses for electrical installation and a protective cover, with funding from the Wastewater budget.

Requested Council Action

Motion and approval for the purchase of a second GridBee® AP500 Air-Powered Wet Well Mixer, including associated installation and cover costs, for installation in the Main lift station at the WWTP.

BEFORE



AFTER

