



Case Story

Customer: City of Omaha / Elkhorn Wastewater Treatment Plant (WWTP)

Scope of Work: Replace existing 15 hp ABS dry-pit submersible pump in WWTP influent pump station. This station pumps to the treatment plant headworks building with an automatic bar screen & grit removal.

Problem: The existing pumps were plugging daily with rags and debris. The existing solution was to mount a manual hoist above each pump in order to lift the power frame and impeller out of the volute every day (including weekends). This was done to improve access to the equipment for removal of rags from the impeller and volute. The customer was hoping to make it through the night without a call out.

Solution: Electric Pump (EP) and the Flygt "N" Pump (equipped with the innovative "N" impeller). The Flygt "N" Pump is specifically designed to handle the plugging issues associated with modern wastewater (swiffers, disposable diapers, etc.) EP offered a one month trial period against plugging without daily maintenance. At the end of the trial period, the customer purchased the pump including the installation of the pump by EP. This was a success and the pump still has not plugged!

Testimonial: Ollie Sargent, Missouri River WWTP Omaha, NE