

**City of Midland is Impressed with the Performance of the Flygt N-Impeller**

VALLEY PUMP STATION



**Key Product Features:**

- Zero maintenance hours due to clogging, grease or oil changes
- No seal leak mess to clean up
- Elimination of external water sources to keep seals cool
- Reduction in energy cost due to improved pump efficiencies

**PROBLEM:** The City of Midland was experiencing severe problems with their existing pumps plugging once or twice a week in several of their larger pump stations. The City was conscious of the energy savings that VFD's could provide and installed them on the lead pumps. Unfortunately the slower pump speeds only magnified the clogging problem leading to an increase in energy costs and caused an operation and maintenance nightmare. After extensive research with several wastewater pump manufacturers they selected Flygt due to the "N-impeller" self cleaning design.

**SOLUTION:** The City of Midland started converting their pumps in early 2008. Kennedy Industries has

supplied the City with numerous submersible and dry pit Flygt "N-impeller" pumps and has not had to unplug any station since. The City now has Flygt "N-impeller" pumps in nine different submersible & dry pit pump stations ranging in size from 3 HP up to 70 HP.

WYMAN PUMP STATION



WYMAN'S NEWLY INSTALLED  
FLYGT N-IMPELLER (LEFT)

WYMAN'S PRE-EXISTING PUMP AFTER  
REMOVAL (RIGHT)

