

# SOLID

The latest in Solid Pumping & Mixing  
Technology from Monitor Pumps & Systems

THE ORIGINAL CHOPPER PUMP



## Pump & Seal reliability when and where it matters

**Unreliable mechanical seals in old pumps created serious problems for a sealed lifting station, especially during heavy floods.**

The City of Chester, IL was experiencing approximately 6 months life from the mechanical seals in their former non-clog lifting station pumps. While replacing seals twice per year was difficult and expensive, the more serious problem occurred when the seals failed with the Mississippi River at flood stage and with the sealed lifting station underwater.



A solution which entailed 2 x Vaughan 6" discharge pedestal chopper pumps incorporating Vaughan's flush-less cartridge mechanical seals were proposed. For further cost savings to the customer on replacing the pumps, a custom motor adaptor was designed to accommodate the existing dual speed motors.

After more than 5 years of trouble free running of the new pumps, the city of Chester has acquired numerous more Vaughan pumps for different applications. Which proves the robustness built into the Vaughan flush-less seals is paying real dividends. Even the plant superintendent is sleeping much better at night.



1 of 2 retrofit Vaughan pedestal Chopper pump with older motor

For more info, contact Monitor Engineering Pty Ltd

**Typical replacement of  
spares on Vaughan Pumps  
is 5 years**

**Learn more:**

For more information visit us at <http://www.chopperpumps.com> or [www.monitorpumps.co.za](http://www.monitorpumps.co.za)