



# CHEMICALS HANDLING

## infoBITE

### Pumping polymers for water treatment

The use of polymer electrolyte dosing to encourage sludge formation in waste water treatment was proving problematical for one water company. Used as a flocculent / coagulant, Polyacrylamide was delivered in 900 litre IBCs and pumped directly into the treatment process.

The customer needed a pump that could run dry if he was to use all the polymer in the IBC. The progressive cavity pumps he used previously were continually breaking down... Rotors and stators were ruined frequently.

A G-10 Hydra-Cell pump is now running smoothly, is not affected by dry running and does not excessively shear the polymer.

**Hydra-Cell**<sup>®</sup>  
Seal-less Pumping Technology

[www.wannerint.com](http://www.wannerint.com)



PUMP: G-10XKCNHFEC  
TEMPERATURE: TO 180° F (TO 82° C)  
FLOW: 4 - 6 GPM (15-22 LPM)  
PRESSURE: LOW - TRANSFER

RUN-DRY PROTECTED PUMPING