

# 7. Achieving Faster Delivery Rates- Advantages and Considerations

## Advantages

- Faster delivery rates.
- Can upsize MES20 flowmeter to MES25, 32, 40 or 50mm.
- Can use AMM/PMS/RMS Electromagnetic Flowmeters (faster max flows, no blockages, virtually maintenance free).



Larger MES flowmeters

## Considerations

- Must upsize flowmeter, upsize pumps and upsize pipe diameters
- Increased costs incurred
- lower resolution - flowmeter pulse represents a larger liquid unit quantity  
e.g. MES20 = 1000 pulse/Litre, MES25 = 555 pulses/Litre.
- Accuracy can suffer if small quantities are attempted batched quickly.
- Not suitable with standard Batch Controllers models ME995-1 to ME995-6 (they are for MES20 1000ppl flowmeters). For larger flowmeters, **use only Batch Controllers ME995-7, ME995-7D or ME3000** with K-factor calibration adjustment, or use ME2000, or UIC Interface cards to interface to computer.
- If injecting into water line, flowmeter selected must deliver the admix within the time cycle prior to end of water batch cycle

