

SUCCESS STORIES

Invariably in the water and wastewater industry everyone seems to have similar “problems” with plant and processes. Our goal is delivering solutions to our client’s for their problems. It only seems logical we share some these with you and maybe provide a solution to an existing nagging problem.

TEKLEEN FILTER FOR EFFLUENT



At a regional Victorian wastewater treatment plant they reuse their effluent for general purpose cleaning around the plant. The effluent is pumped from their lagoon to a storage tank prior to chlorination and use. Organic particles from the storage lagoon provided problems with correct chlorination of their effluent. Initially Royce Water Technologies provided a trial system to evaluate the suitability of the Tekleen filter to remove the organic particles. After a successful trial the Tekleen Model MTF2-L with a 100 micron screen was purchased and installed. The filter system has been operational for over 3 months now. Tekleen filters are an automatic self cleaning water filter. Screen are available in many different sizes and their construction is all stainless steel wetted parts. Other uses in similar applications are for protection against blockage of drip nozzles if irrigating with effluent and also protection against blockages of spray nozzles on belt presses where effluent water is being used.

ALL ABOUT pH

So you’ve got your new pH electrode and transmitter and you’re ready to go. Not so fast! You need to calibrate the system. So now you’re running around looking for pH buffer solution to perform the calibration. All too often it’s the little things. Each pH system supplied by Royce Water Technologies comes supplied with free pH buffer.



Part Number: RWT-PHBUFFER4/7 500ml pH buffer 4 solution & 500ml pH buffer 7 solution or
Part Number: RWT-PHBUFFER7/10 500ml pH buffer 7 solution & 500ml pH buffer 10 solution
YOUR CHOICE!

pH TIMES 3!

Many times for pH monitoring multiple measuring and control points are required. A good example of this is in pH correction of wastewater. Initially there may be some coarse pH correction, followed by fine pH correction and ending with pH monitoring prior to the final outfall. The RWT75 controller can perform all these tasks in a single unit. The RWT75 can accept up to 3 sensor inputs with ample relay and 4-20mA outputs for control and monitoring. You can start with one sensor input and as required add additional inputs and outputs without the need for additional instruments. The RWT75 can also accept inputs for conductivity, ORP, salinity, dissolved oxygen and any 4-20mA sensor (level, flow, etc.). The controllers are available in surface mount or panel mounting.



QLD, NZ, NT & PNG

Rod Wellings

Phone: 0428 571 234

VIC

Arthur Kokolekos

Phone: 0439 337 247

NSW & ACT

Tim Curtis

Phone: 0408 079 073

WA & SA

Shane Carter

Phone: 0425 338 463

FNQ & NNSW

Richard Pryde

Phone: 0420 978 243

TAS (TEMTRON)

Cameron Stevenson

Phone: 0407 342 113

WEB

www.roycewater.com.au

EMAIL

contact@roycewater.com.au

ABN 21 110 057 399



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