

P2P



PUMPING TO PERFECTION Issue 10

Pumping up the volume!



GPC has relocated

GPC made the move to bigger and better premises during December 2014 & January 2015. A large showroom and office space, a 1000 sq/m factory with 9.0 m clearance and significant storage capacity, an enhanced workshop and triple-size manufacturing area all enable us to provide a better service.

Call us today with your requirements!

If you haven't already done so, please update our contact details...

New Site Address: 22-24 Sommerville Circuit

**New Postal Address: PO Box 314
Emu Plains NSW 2750**

1975



GENERAL PUMP COMPANY
SINCE 1975

2015



'We simply know pumps better...'


GPC has a new logo and slogan

With 2015 being such a momentous year for GPC, the team decided that it was time to refresh the image of the business. You will have noticed our new company logo and slogan! GPC has grown steadily over the past 40 years, expanding its product range, building and consolidating its experience and expertise in the pump industry. That's why we can confidently say, *'We simply know pumps better.'*



See over for
Pre-packaged Stormwater Pump Out Pits

PRODUCT FOCUS



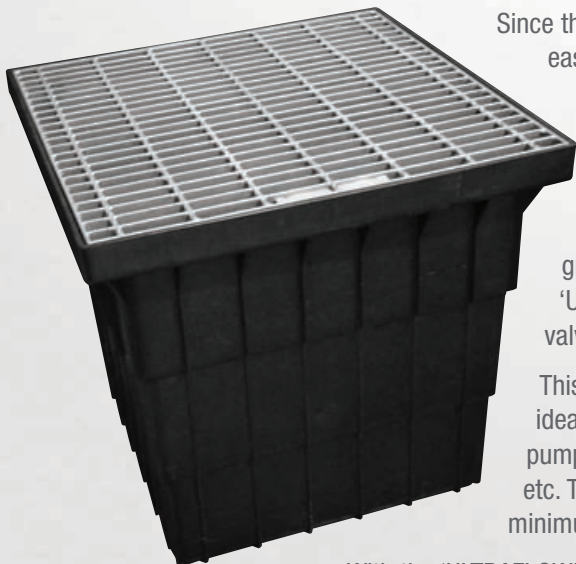
Do you have clients whose properties are inundated with floodwater when it rains?

Pre-packaged Stormwater Pump Out Pits

PACKAGES FROM

\$650

+GST



Since the recent extreme weather events on the east coast of New South Wales, General Pump Company has developed the 'ULTRAFLOW' USPP – Ultraflow Stormwater Pumpout Packages - which includes a poly pit with class 'A' gal steel grate, a robust, top performing 'ULTRAFLOW' sump pump, brass valves and PVC pipework.

This quality product range is the ideal solution for draining low-lying areas, pumping water out of basements, managing underground seepage, etc. The compact, 'ready-to-go' packages keep installation time to an absolute minimum, they are lightweight making them very easy to handle on site.



With the 'ULTRAFLOW' USPP, General Pump Company offers an extensive range of Ultraflow submersible pumps with varying capacities to meet the demands of the application.

Call us today with your specifications and we will be glad to provide a proposal.

CASE STUDY



The Ultraflow UMHDD1500/1

Pumping for 24 hours a day, 7 days a week for 5 years!

General Pump Company has been importing and marketing the ULTRAFLOW Sump Pump range for almost 20 years... and here's why we love selling them!



The application where the pump was operating to remove seepage water



The 'high chrome' impeller was in excellent condition but the suction cover plate was understandably worn

In October 2010, Col Clark from Alpha Pumps (one of our long-time distributors in Queensland, purchased an 'ULTRAFLOW' HDD, Heavy Duty Drainage submersible pump to dewater a large building site. The site had huge flows of seepage entering the basement pits. Because the flows were so constant and significant, the pump was operating 24 hours, 7 days a week to keep the seepage water out of the site! The seepage water also carried sand fines, soil, small stones and other abrasive solids.

Last month the Ultraflow pump was returned to Alpha Pumps because the pump seemed to have lost performance. When the pump was dismantled, it was found that the pump was still in reasonably good condition considering and only 2 spare parts were required to get the pump up and running again.

After operating 24 hours, 7 days per week for 5 years in a harsh environment, the quality and reliability of the Ultraflow Sump Pump range speaks for itself!

Do you have an application that requires a robust dewatering pump? Call the team at General Pump Company today!

GOOD TIPS & ADVICE

Crust in pumping stations

GPC was called out recently to an industrial site because a sewage pumping station had shut down.

On arrival, the technician discovered that the circuit breakers on the power supply to the control panel had tripped. The tech proceeded to remove the access cover from the pump station to check the pumps and this is what he found (as pictured)!

What you see in this photo is a 150mm/6" thick 'crust' of non-degradable solids, fats and grease. Because the circuit breakers had tripped, the pumps were not operating and the liquid level in pump station rose and the 'crust' packed tight against the top of the pump station and access cover.

The tech powered up the system again and was able to get one pump operating. When the liquid level had dropped by approx a metre, he used a strong water jet from a fire hose to break down the 'crust' into small pieces so that it could be pumped out.

'Crusting' in sewage pump stations can be very detrimental to the operation of the float level switches. The thick crust can restrict their movement causing the pumps not to switch off - the pumps continue to run for long periods of time. The motors then overheat causing damage to the motor bearings and electric windings.

Non-biodegradable products being flushed down the toilet into the pumpwell must be avoided. Baby wipes, latex products, hand wipes, sanitary items and clothing all cause severe problems



within pump stations. Regular inspection of pump stations is essential. If a 'crust' is building up, it is imperative that it is broken down completely and pumped out.