



ASX Code: **PHK**

Share Price: **A\$0.18**

52 Week High: **A\$0.24**

52 Week Low: **A\$0.068**

Issued Shares: **455.6m**

Market Cap: **A\$82m**

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PHOSLOCK BLOG on Water  
Issues: [www.phoslock.com.au](http://www.phoslock.com.au)

# ASX ANNOUNCEMENT

Tuesday 3<sup>rd</sup> October, 2017

## PWS Factory and Production Update

### Key Points:

- **Changxing factory record production: Rate now over 1,000 tons per month**
- **Current factory configuration allows for 15,000 tpa**

Phoslock Water Solutions Limited (PWS): (ASX: PHK) wishes to update the market regarding new record production levels. The Changxing Factory is being optimised, with production currently running at 1,000 tons per month. This rate will increase further as the facility processes are refined.

At current levels the factory will readily produce 8,000-10,000 tons of *Phoslock™* Material by 30 June 2018. The new production level contrasts sharply with the previous toll treatment production, which could only produce at five tons a day, (~2,000tpa) at higher cost.

On an annualised basis, the factory will soon be able to produce 15,000tpa without further modifications.

Chairman Laurence Freedman AM commented “Our current sales forecast to 30 June, 2018 is predicated on sales of only 4,000 tons of Phoslock, worldwide. We now have the opportunity to satisfy far larger projects with our expanded production capabilities. Further production expansion plans are now underway”.

### For more information please contact:

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## ABOUT PHOSLOCK WATER SOLUTIONS LIMITED (PHK)

**Phoslock Water Solutions Limited is listed on the Australian Stock Exchange (ASX Code: PHK).**

PWS is an engineering and treatment products company for water remediation.

PWS recently formed a new company, Phoslock (Beijing) Environment Engineering Technology Co., Ltd to focus on engineering solutions for water environment projects as well as water remediation products such as Phoslock, zeolites and other solutions. Phoslock Beijing undertakes design, engineering, implementation and use of remediation materials for river, canal and lake projects. This is a significant broadening of the historical PWS business and enables it to undertake a broader array of projects in China and elsewhere, supplying both services and materials.

PWS has a large multi-purpose factory in Changxing, Zhejiang province, China, 150km inland from Shanghai, which manufactures its patented technology, *PHOSLOCK*, along with specialised other water treatment products.

PWS is headquartered in Sydney, Australia with offices in Brisbane, Beijing & Changxing, China and Bremen, Germany. PWS is represented by licensees, distributors and agents in ten other countries including SePRO Corporation in the United States, HidroScience in Brazil and Bentophos across the E.U.

PWS has six marketing and co-operation agreements in China with environmental remediation companies.

For more information about PHOSLOCK Water Solutions and *PHOSLOCK* please visit our websites: [www.PHOSLOCK.com.au](http://www.PHOSLOCK.com.au) or [www.PHOSLOCK.eu](http://www.PHOSLOCK.eu) (Spanish, Italian, Dutch and German) or [www.PHOSLOCK.com.br](http://www.PHOSLOCK.com.br) (Portuguese) or [www.PHOSLOCK.cn](http://www.PHOSLOCK.cn) (Chinese).

**PHOSLOCK BLOG** on PHOSLOCK news and current Water Issues – see [www.PHOSLOCK.com.au](http://www.PHOSLOCK.com.au) and look for PHOSLOCK BLOG icon in top right corner of the Home Page.

## ABOUT *PHOSLOCK* – the Product

PWS produces *PHOSLOCK*, a patented technology developed by the Commonwealth Scientific and Industrial Research Organisation (“CSIRO”). PHK has lodged a subsequent patent application to extend and protect the core PHOSLOCK technology which is in an advanced stage of being granted in some 50 countries.

*PHOSLOCK* is a unique water treatment product that permanently binds phosphorus in water bodies such as lakes and dams. It provides a protective permeable layer to sediments, permanently preventing the re-release of phosphorus.

Retention of phosphorus reduces the level of algae by depriving it of nutrients. This in turn improves water quality, both for human use and aquatic life as well as preventing and controlling Harmful Algal Blooms (HAB).

While *PHOSLOCK* is primarily used as an in-water solution for lakes, drinking water reservoirs and other recreational water bodies, it is also used as a preventative product to absorb phosphorus before it enters water bodies by being applied in storm water basins and inflow channels, rivers and canals.

*PHOSLOCK* is a certified NSF/ANSI Standard 60 product - North American Drinking Water (see websites [ansi.org](http://ansi.org) and [scc.ca](http://scc.ca)). This certification enables *PHOSLOCK* to be applied to water bodies used for human consumption in the USA and Canada



*PHOSLOCK* has been certified by the Chinese Research Academy of Environmental Sciences (CRAES). *PHOSLOCK* is classified as a general environmental substance which is neither hazardous nor harmful to the environment.



*PHOSLOCK* has been used on many high profile water bodies in Europe/UK, North America and Australia. To date over 300 initial and follow-up applications have been successfully made.

Over 60 peer reviewed scientific and technical papers have been published on *PHOSLOCK* in leading scientific journals. For access: [www.PHOSLOCK.com.au](http://www.PHOSLOCK.com.au)