



ASX Code: **PHK**

Share Price: **A\$0.19**

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

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

Issued Shares: **455.6m**

Market Cap: **A\$86m**

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PHOSLOCK BLOG on Water
Issues: www.phoslock.com.au

ASX ANNOUNCEMENT

Thursday 5th October, 2017

PWS commencing its largest ever project

Key Points:

- Stage One to be completed by year end, worth ~\$5m
- Stage Two to commence by February 2018

Phoslock Water Solutions Limited (PWS): (ASX: PHK) is pleased to announce that it is about to commence work on the largest remediation project ever undertaken by the Group.

The project is an inner city canal in a major Chinese city in which PWS is providing Engineering, Project Management, Project Implementation and Application of Materials, including a substantial quantity of Phoslock.

Stage One, commencing within weeks, is expected to be completed by December and includes the application of over 1,000 tons of Phoslock via continuous dosing systems placed in strategic positions along the canal. The total value of Works and Materials for Stage One is ~ \$5 million.

Work on Stage Two, which is a similar size to Stage One, is expected to commence in February, 2018.

Laurence Freedman AM, Chairman said *“We are delighted to announce this very large project. It is the result of much team work developing our relationships in China and transforming the Company by establishing our greatly increased production facility. We now have a full complement of highly qualified engineers, chemists and corporate specialists, enabling us to tender on a much broader range of water problems including, for the first time, very large projects*

I am particularly pleased with our personal relationships with our employees in China and the level which our business is being conducted”.



Photo of a similar type of project which PWS will be implementing

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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 in the water remediation sector.

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 or www.PHOSLOCK.eu (Spanish, Italian, Dutch and German) or www.PHOSLOCK.com.br (Portuguese) or www.PHOSLOCK.cn (Chinese).

PHOSLOCK BLOG on PHOSLOCK news and current Water Issues – see 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 and 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