



ASX Code: **PHK**

# ASX ANNOUNCEMENT

Friday 15<sup>th</sup> September, 2017

## PWS Board Changes

### Key Points:

- **Appointment of Ms Brenda Shanahan as non-executive director**
- **Hon. Pam Allan is retiring after some ten years on the Board**

The Board of PWS welcomes the appointment of Ms Brenda Shanahan as non-executive director of the Company effective immediately.

Ms. Shanahan is a Graduate of Melbourne University in Economics and Commerce and a Fellow of the Institute of Directors. She has a research background in finance in Australian and overseas economies and share markets.

Previously she held executive positions included Managing Director of W M Mercer Investment Consulting for Australia and Asia and a member of their international board. Ms Shanahan is a former Director of Equitilink Limited.

She is currently a non-executive director of Australian Stock Exchange listed Challenger Financial Services, as an independent non-executive director of Challenger Limited, where she is a member of the Group Risk Committee, Group Audit Committee, Remuneration Committee and Nomination Committee. She is also a director of Bell Financial Group Ltd. and Clinuvel Pharmaceuticals Ltd.

Brenda is also on the Board of DMP Asset Management, is Chair of St Vincent's Medical Research Institute in Melbourne and the Chair of the Aitkenhead Centre for Medical Discovery. Recently she was bestowed with an honorary Doctorate from Swinburne University of Technology.

Chairman Laurence Freedman AM said: *"We are delighted that Brenda has joined our Board at this propitious time. Her skills in corporate management and directorships at the highest level are just what we need to ensure a continuous progression of Phoslock to a substantial global corporation".*

Share Price: **A\$0.195**

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

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

Issued Shares: **425.2m**

Market Cap: **A\$83m**

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

The Hon. Pam Allan, appointed as a director in July 2007, has indicated her desire to retire from the Board at this year's AGM. Pam has played a key role in the development of PWS into the Company it is today.

*Chairman Laurence Freedman AM said; "It is with regret, that I announce that the Hon. Pam Allan, who has served the Company so well for some ten years, has decided to retire from the Board and will not be seeking re-election at the upcoming Annual General Meeting. Pam has been a long standing member of the audit and remuneration committees and, being a former state Minister for the Environment, has given the Company her imprimatur as we moved from the start-up phase to what is now an international corporate group".*

The Board of PWS appreciates and values Pam's service over the past decade and wishes her well in her future endeavors.

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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 both 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 current PWS business base and will allow 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 a number of other water treatment products.

PWS is headquartered in Sydney, Australia and has offices in Brisbane, Beijing, Shanghai & 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 in Germany.

PWS has recently signed six marketing and co-operation agreements in China with a number of environmental companies, including BHZQ, which is a 70% subsidiary of BEWG (Beijing Enterprises Water Group Limited; HK Listed 371) which has a HK\$9 billion market capitalisation.

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 protect the core *PHOSLOCK* technology which is in an advanced stage of being granted in some 50 countries, with the intention of extending the core *PHOSLOCK* technology to 2033.

*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 into 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 Chinese Research Academy of Environmental Sciences (CRAES). *PHOSLOCK* is classified as a general environmental substance. It is neither hazardous nor harmful to the environment. *PHOSLOCK* has low risk to hydro ecological systems.



*PHOSLOCK* has been used on many of 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 50 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)