

ASX Code: **PHK**

Share Price: **A\$0.06**

52 Week High: **A\$0.08**

52 Week Low: **A\$0.038**

Issued Shares: **239.6m**

Market Cap: **A\$14.3m**

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[www.phoslock.com.au](http://www.phoslock.com.au)

[www.phoslock.eu](http://www.phoslock.eu)

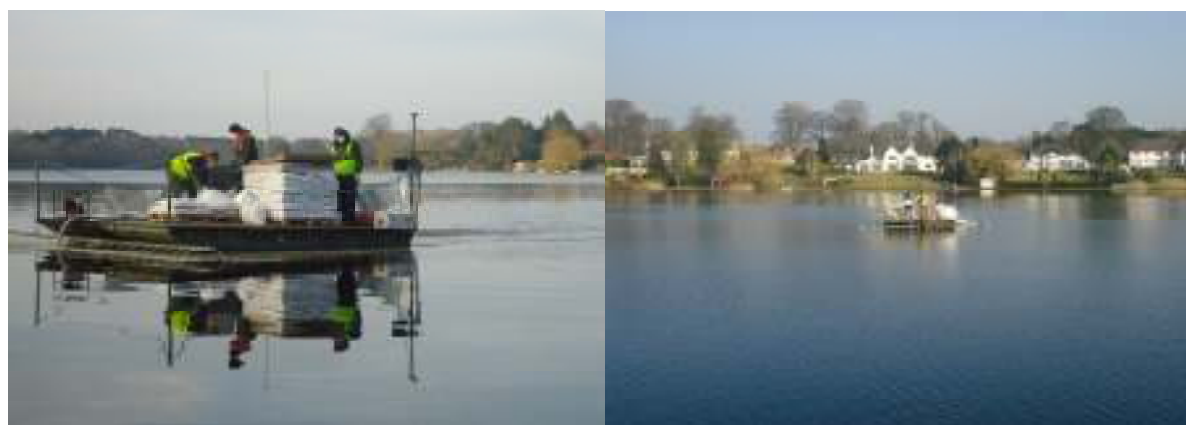
## ASX ANNOUNCEMENT

25<sup>th</sup> March 2013

### Phoslock Applications in United Kingdom

Phoslock Water Solutions (ASX:PHK) has completed the two UK lake applications announced in late January. A third lake application was also completed. The three projects involve the application of 125 tons of Phoslock and had a total value of approximately A\$500,000.

The first two applications completed form part of a major project being undertaken by the England's Environment Agency and the Natural Environment Research Council's Centre for Ecology and Hydrology aimed at assessing phosphorus capping techniques designed to reduce eutrophication in lakes. The project was awarded to Phoslock Europe GmbH in January following a rigorous tender process in which a range of other technologies were assessed.



The treated lakes are both located in Cheshire and are designated Sites of Special Scientific Interest (SSSI) due to the presence of rare and important macrophytes (aquatic plants). As the lakes are SSSI designated, Natural England, the agency responsible for safeguarding English lakes, has been involved throughout the project.

The Environment Agency and the CEH have monitored both lakes since May 2012 to establish the current chemical and ecological conditions of the lakes and will continue monitoring the lakes until March 2015. This will allow a comprehensive assessment of the efficacy of the treatment and will allow the project to serve as a reference project for other lake restoration projects in the UK and in other polluted lakes in Europe, where measures to improve water quality are legally required under the EU's Water Framework Directive.

This projects adds to the growing body of experience with *Phoslock* within the United Kingdom. *Phoslock* has been used extensively internationally over 7 years. Phoslock Water Solutions is confident that this application and other projects planned throughout the United Kingdom this year will continue to demonstrate the effectiveness of this technology to restore water quality by reducing phosphorus concentrations in polluted ponds and lakes.



For more information of *Phoslock* please access our website on [www.phoslock.com.au](http://www.phoslock.com.au)

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Chairman

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**ABOUT PHOSLOCK WATER SOLUTIONS LIMITED (PHK)**

PHK has worldwide exclusivity for the sale and marketing of *Phoslock*, a technology developed by the Australian government scientific body CSIRO. *Phoslock* removes phosphorus and harmful contaminants and has been applied in over 200 water bodies and used in over 20 countries since it was commercialised in 2005.

PHK is headquartered in Sydney, Australia and has offices in Brisbane, Kunming, China and European Operations (covering Europe, Central & South America) near Bremen, northern Germany. PHK is represented by licensees and agents in ten other countries including SePRO Corporation in the United States.

*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)).

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

For more information about Phoslock Water Solutions and *Phoslock* please visit [www.phoslock.com.au](http://www.phoslock.com.au) or [www.phoslock.eu](http://www.phoslock.eu)

## **ABOUT PHOSLOCK – the Product**

*Phoslock* is a unique water treatment product that binds phosphorus from a water body and provides a protective permeable layer to sediments preventing the re-release of phosphorus. Retention of phosphorus deprives algae of nutrients, which improves water quality for human use and aquatic life as well as preventing and controlling Harmful Algal Blooms (HAB).

*Phoslock* is primarily used as an in water solution for lakes, drinking water reservoirs and other high value recreational water bodies. It is also used as a preventative product to absorb phosphorus before it is transported into water bodies by being applied in storm water basins and inflow channels, rivers and canals.

*Phoslock* is approved for use in North American Drinking Water Reservoirs via NSF/ANSI Standard 60 Certification. This certifies that *Phoslock* is safe for use in drinking water.

*Phoslock* is now used by the aquaculture industry (fish and shrimp/prawn) to control phosphorus levels in grow-out ponds and eliminate harmful algae blooms (HAB) and blue green algae. These have a deleterious effect on the health of aquatic life.

## **PHOSLOCK WATER SOLUTIONS DIRECTORS**

### **Mr Laurence Freedman AM Non-Executive Chairman**

Mr Freedman was appointed a Director of PHK in October, 2010 and became its Chairman in March 2011.

Mr Freedman has a long history of involvement and expertise in public companies with international trading and investment activities. He began his career with the Gold Fields Group: initially an analyst, he rose to Director of Group companies. He later joined BT Australia as Manager, Investments.

In 1980 he founded Equitilink Limited, an investment management group which he grew to a global company with operations around the world and over \$3 billion under management. He held Chairman and/or Director positions in a number of public and private companies in Australia, the United States, the United Kingdom, Canada, New Zealand and Taiwan.

He was a member of the syndicate which bought the Ten Network, of which he became a director, taking it out of receivership and helping to make it the most profitable media network in Australia for some years.

In 2000 he sold the Equitilink Group and in 2004 sold out of the Ten Group.

He currently manages his private investment portfolio of international shares, property and fixed income securities. He is a mentor to a number of resource, biotech and technology companies.

He is Chairman of The Freedman Foundation, a philanthropic foundation funded by the Freedman family, which assists and supports young Australians in many areas of endeavour. The Foundation also finances a broad range of medical and scientific programs and organizations.

In 2001 he was awarded The Order of Australia for service to the community, to medical research, the arts, and to business and investment in Australia.

He is also Chairman of ASX listed company KalNorth Gold Mines Limited (ASX: KGM).

**Mr Robert Schuitema**  
*BCA, CA, INFINZ*  
**Managing Director and Company Secretary**

Mr Schuitema was appointed a Director of PHK in April 2005, and shortly thereafter assumed the role of Executive Chairman. In January 2007, he took over the role of fulltime Managing Director, and at the same time stepped down as Chairman.

Mr Schuitema brings to PHK a wide range of business and commercial skills. In addition to the day to day responsibilities of running PWS businesses globally, he is responsible for investor relations, stock exchange listing and capital raisings. Mr Schuitema is also a Director of PWS' Joint Venture manufacturing company in China, IETC.

Mr Schuitema is a former Managing Director of investment bank Chase Manhattan Bank and later JPMorgan Chase where he was global co-head of the Mining & Metals group and responsible for the Asia-Pacific region and also had extensive involvement in the bank's southern Africa business. He has extensive experience in a range of investment banking disciplines including commodity derivatives, equity issues, project finance for standalone projects, US\$ bond issues, trade finance, acquisition finance and mergers & acquisition advise.

Mr Schuitema is a Director of ASX listed company KalNorth Gold Mines Limited (ASX: KGM) and previously a Director of Electro-Optical Systems Limited and Condor Metals Limited (now Inca Copper & Gold).

**Honorable Pam Allan**  
*BA (Hons), Dip Ed (Syd) Honours in Government*  
**Non-Executive Director**

The Hon. Pam Allan was appointed a Director of PHK in July 2007.

The Hon. Pam Allan is a former Member of the NSW Parliament for 18 years (retired in March 2007) where she was Minister of Environment (1995-99) and chair of a number of parliamentary committees including Salinity and Resource Management.

The Hon. Pam Allan was elected to the Parramatta City Council in 1983, serving a four year term. In 1988 she was elected to the New South Wales Legislative Assembly for Wentworthville and then for Blacktown in 1991 and 1995. In 1999 and 2003 she was once again elected the Assembly's member for Wentworthville.

The Hon. Pam Allan became the Shadow Minister Planning & Environment 1988-1995, Minister of Environment 1995-1999, Chair for Select Committee on Salinity 2000-2002, the Chair, Standing Committee on Natural Resource Management from May 2003. She retired as the member for Wentworthville at the March 2007 election.

The Hon. Pam Allan currently serves on a number of local government bodies and authorities.