

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**

Address:

Suite 302  
110 Pacific Highway  
St Leonards  
Sydney NSW 2065

Phone: +61 2 9439 7715

Fax: +61 2 9460 8973

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

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

## ASX ANNOUNCEMENT

7<sup>th</sup> May 2013

### First Treatment of Municipally Owned Lake in Canada

A large application was completed by Phoslock Water Solutions (ASX:PHK) in Canada last week. The project, which involved the treatment of an urban lake in the Greater Toronto Area (GTA), is an important milestone in the development of the Phoslock business in Canada. Although Phoslock has been used in Ontario on storm water retention ponds, drainage canals and a variety of other water bodies over the past five years, last week's application was the first time that a municipally owned urban lake has been treated with the product.

The lake, which is a former gravel pit constructed in the eighties during the development of residential estates to the north east of Toronto, has a long history of blue green algal blooms. Following complaints from local residents, the municipal authorities commissioned independent experts to assess the lake and make recommendations relating to suitable restoration measures. Following the completion of a program of water quality monitoring in 2011-12, Phoslock was nominated by the consultants as the best method of reducing the lake's eutrophication.



*Phoslock application on Toronto Lake last week*

The application took three days complete. The lake will be monitored by the municipal authorities over the next 12 months and a report evaluating the success of the treatment will be prepared by the independent consultants at the end of the year.

Two further applications of Phoslock in Canada, both of which would significantly larger than last week's project, are planned for the next 12 months.

Before and after the GTA treatment, seminars were held by PHK staff in four Canadian Provinces (Alberta, Manitoba, New Brunswick and Nova Scotia) in order to disseminate information and results from past Phoslock treatments to Provincial Authorities and stakeholders outside of Ontario.

PHK believes that Canada has the potential to become one of Phoslock's largest markets due to the major issues with eutrophication that the country is facing in many of its lakes. The situation is particularly critical in Manitoba, where Lake Winnipeg (the world's tenth largest freshwater lake) was recently declared to be the "threatened lake of the year" for 2013.

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

**For more information please contact:**

**Mr Robert Schuitema**

Managing Director

Phone: + 61 (02) 9439 7715

**Mr Laurence Freedman**

Chairman

Phone: + 61 (02) 8999 1999

## **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 listed companies 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.