



ASX Code: **PHK**

Share Price: **A\$0.084**

52 Week High: **A\$0.095**

52 Week Low: **A\$0.022**

Issued Shares: **268.9m**

Market Cap: **A\$22.6m**

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Phoslock BLOG on Water Issues:

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

# ASX ANNOUNCEMENT

Monday 9<sup>th</sup> May 2016

## Further Applications in North America & Europe

### Key Points:

- First large scale application in Western Canada
- Four newly completed projects in Europe

### Henderson Lake – Canada

Phoslock has just completed an application on Henderson Lake, a 24 hectare lake in the City of Lethbridge, Alberta, Canada. The application, with a project cost of approx. A\$225,000 was completed in five days.

Henderson Lake is surrounded by extensive parklands and a golf course. In recent years, the City Council has invested heavily in amenities in and around the lake which has become a focal point for City events.

A variety of measures had been implemented over the past ten years to improve water quality in the lake all unsuccessful. However, the decision to apply Phoslock was made following two years of successful use of the product on several of the City's stormwater retention ponds.

Importantly, this application is the first large scale application of Phoslock in Western Canada and is expected to lead to larger applications in the region. A number of major projects, each valued around C\$1 million (A\$1 million) are under active consideration.



*Henderson Lake, Alberta, Canada*

## **Grote Melanen Lake – the Netherlands**

An application of Phoslock to the Grote Melanen lake in the Netherlands was completed by Phoslock Europe last week.

Grote Melanen is a 5 hectare lake on the outskirts of the southern Dutch city of Bergen Op Zoom. The application was the final component in a comprehensive €1.5 million (A\$2.3 million) project aimed to improve water quality in the lake.

Prior to last week's application, the lake had been dredged and a mixed layer of sand and Phoslock applied on top of the exposed sediment layer in order to prevent phosphorus release into the water column and consolidate the sediment. A range of catchment control measures were also undertaken to reduce external inputs of phosphorus in the lake.

The lake is located close to another, slightly smaller lake, Kleine Melanen, which was successfully treated with Phoslock several years ago.



*Grote Melanen ,the Netherlands*

## **Europe Outlook**

The first four months of 2016 have been increasingly active for Phoslock Europe and PHK 's German partners, Bentophos GmbH; significant projects have been completed in Germany, Austria, Scotland and the Netherlands. The total value of projects completed so far in 2016 is approximately A\$750,000.

Further applications are scheduled for the second half of 2016 in Germany, Austria, Belgium and the UK.

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## PHOSLOCK WATER SOLUTIONS LIMITED (ASX: PHK)

PHK produces *Phoslock*, a patented technology which was 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 (including China), in order to extend the core *Phoslock* technology to 2033.

PHK is headquartered in Sydney, Australia and has offices in Brisbane, Shanghai & Sichuan, China and Bremen, Germany covering Europe and South America. PHK is represented by licensees, distributors and agents in ten other countries including SePRO Corporation ([www.sepro.com](http://www.sepro.com)) in the United States.

PHK recently signed an agreement with the Shenzhen Stock Exchange listed Xingyuan Environmental Technology Co Ltd, ([www.xingyuan.com](http://www.xingyuan.com)) which covers working jointly on lake, river and canal remediation projects across China.

*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.**



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

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.com.cn](http://www.phoslock.com.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**

*Phoslock* is a unique water treatment product that 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).

*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 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* has been used on many of high profile water bodies in Europe/UK, North America and Australia. To date over 250 initial and follow-up applications have been successfully made.

Over 40 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)