



ASX Code: **PHK**

Share Price: **A\$0.045**

52 Week High: **A\$0.058**

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

Issued Shares: **268.9m**

Market Cap: **A\$12.1m**

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Phoslock BLOG on Water Issues:

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

# ASX ANNOUNCEMENT

Tuesday 29<sup>th</sup> March 2016

## Additional Brazilian Applications

### Phoslock used in Drinking Water Reservoir

The second application of Phoslock to a drinking water reservoir has been completed in Brazil by PHK's Brazilian representatives, Hidroscience. The application, which took place earlier this month on a reservoir near the city of Salvador, involved the application of more than 45 tonnes. Salvador is the largest city in the northern part of Brazil and has a population of almost 3 million.

The application of Phoslock to the reservoir is the first of three applications planned for the reservoir that will be undertaken over the next 12 months to reduce levels of phosphorus and blue green algae in the reservoir. Post-treatment monitoring has resulted in a significant reduction in both total phosphorus and cyanobacteria. As a result, a further dosage of Phoslock is to be applied, estimated to commence in the next month or so. This product is currently en-route to Brazil.

The treatment of the Salvador reservoir is the second use of Phoslock on potable water supply sources in Brazil, following the treatment of a comparable reservoir in the southern State of Rio Grande do Sul earlier this year.

The total value of the three Salvador applications to PHK, spread over 12 months, is approx. A\$450,000.

With the commencement of the Pampulha application in April and the completion of the two drinking water projects, Brazil is expected to be Company's largest market for the financial year 2015-16.



*Application of Phoslock to reservoir near Salvador, Brazil*

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## PHOSLOCK WATER SOLUTIONS LIMITED (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 approx. 50 countries, with the intention of extending 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 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)). 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)