



ASX ANNOUNCEMENT

Wednesday 22nd January 2020

Xingyun Lake Application

Phoslock Environmental Technologies Limited (ASX: PET) has lodged a video of the most recent application of Phoslock® to Xingyun lake, Yunnan Province, China on the home page of the website - www.phoslock.com.au

Xingyun Lake is 34 sq. km (3,400 hectares) in area, or about two-thirds the size of Sydney Harbour.

Due to its large size, novel dosage methods were devised in order to ensure effective coverage over a reasonable period. Accordingly, PET constructed and introduced three special distribution barges, which operate as a team.

The video illustrates the size of the lake, as well as the advanced distribution technology of the barges. It clearly shows how PET is capable of effectively dosing Very Large water bodies.

This is a multi-year project; in 2019, over 3,000 tons of Phoslock® was applied to Xingyun lake. A similar volume is planned for 2020 and likely beyond.



Distribution barge formation on Xingyun Lake

Mr Laurence Freedman AM
Chairman

Mr Robert Schuitema
Managing Director

ASX Code: **PET**
Share Price: **A\$0.84**
52 Week High: **A\$1.60**
52 Week Low: **A\$0.32**
Issued Shares: **565.0m**
Market Cap: **A\$477m**
Address:
Suite 403
25 Lime Street
Sydney NSW 2000
Phone: +61 2 8014 7611
Email: ir@phoslock.com.au
www.phoslock.com.au
www.phoslock.eu

PHOSLOCK ENVIRONMENTAL TECHNOLOGIES LIMITED (PET)

Phoslock Environmental Technologies Limited is listed on the Australian Stock Exchange (ASX Code: PET).

Phoslock Environmental Technologies Limited (ASX: PET) is an international environmental company specialising in engineering solutions and water treatment products to remediate polluted lakes, rivers, canals and drinking water reservoirs.

PET has its headquarters in Sydney, Australia with offices in Brisbane, Beijing & Changxing, China; and Manchester, UK. PET is represented by licensees, distributors and agents in ten other countries including SePRO Corporation in the United States and HidroScience in Brazil. PET has a number of marketing and co-operation agreements in China with various environmental companies and government agencies.

In 2017 Phoslock (Beijing) was formed to help remediate the massive Chinese algae and water pollution problem. This 100% owned subsidiary undertakes design, engineering, and implementation of rivers, canals, reservoirs and lakes, along with construction of wetland areas. The significant broadening of the historical PET business allows for work on a greatly increased array of projects both in China and elsewhere.

PET owns the patent for Phoslock[®], a unique water treatment product that permanently binds excess phosphorus in the water column and sediments. This in turn inhibits the growth of Harmful Algal Blooms (HAB) that lead to detrimental effects to both aquatic and human life.

Phoslock[®] is certified to be used in drinking water in North America, Europe, UK, Brazil, Australia and China.

Along with Phoslock[®] PET also supplies:

- 1) Zeolites - a porous, natural material that can be applied to heavily polluted water to absorb nutrients such as nitrogen. Nitrogen is an important food source for the growth of harmful algae.
- 2) Bacteria. - Specialised types of bacteria can break down contaminants and organic matter that pollute water and cause human and water-borne diseases.

PET has a large multi-purpose factory in Changxing, Zhejiang province, China, 150km inland from Shanghai, which manufactures its patented technology, Phoslock[®], along with nutrient binding materials zeolites and bacteria. It also has an engineering and physical water management division.

The Changxing Factory recently received ISO accreditation from TUV Rheinland, a German engineering accreditation agency for:
ISO 9001 – Quality Control and Documentation Certification;
ISO 14000 – Environmental Management Standards Certification; and
OSHA 18000 - Health and Safety Management Systems.

PET has secured the exclusive global licence to manufacture, sell and distribute a unique new product which, after removing phosphorus from polluted water, can be reused. PET has established a development team to advance the product to full commercialisation. It is anticipated that commercial quantities of the new product will be available in late 2020.

For more information on the company, recent news and blogs, please visit our website:
www.PHOSLOCK.com.au