### **Phoslock Water Solutions Limited**

ABN 88 099 555 290



Annual General Meeting 25<sup>th</sup> November 2010



### **Adoption of Remuneration Report**

11,327,058

**Against 75,000** 

Abstain 33,641,212



### Resolution 3 (a)

### **Election of Mr Laurence Freedman AM as Director**

For	45,243,270
Against	(
Abstain	0



Resolution 3 (b)

**Election of Dr David Garman as Director** 

For 45,233,270 Against 10,000

Abstain 0



Purchase of 1,500,000 PWS Shares at 5cps by Mr Robert Schuitema

For	44,820,270
Against	75,000
Abstain	148.000



Purchase of 1,000,000 PWS Shares at 5cps by Dr David Garman

For	44,820,270
Against	85,000
Abstain	138.000



Purchase of 400,000 PWS Shares at 5cps by Mr Nigel Traill

For	44,820,270
Against	85,000
Abstain	138,000



# **Phoslock Water Solutions Limited**

# **Managing Directors Presentation**

# Investment Highlights



#### **Water Sector**

- Product to significantly improve water quality in lakes, reservoirs, rivers, canals
- Huge global market needing pro-active solutions like Phoslock

#### "Phoslock" the Product

- Full patent and trademark protection in major countries
- Developed by the CSIRO
- Commercially available 5 years; proven performance; case studies; major licences

#### **Key Markets**

- Strong sales team in Europe & UK 27 lake applications
- Major growth sales area Canada & US positive developments with US distribution network
- Other major areas Asia Singapore, Taiwan, Korea & China, Australia & NZ
- Aquaculture Australia, Asia and Americas

#### Manufacturing

Phoslock manufactured at dedicated plant in Kunming, China

#### **Financial**

- Listed on ASX with market capitalisation of A\$13M
- Debt free; net assets of approx A\$5.5M cash, stock, debtors
- Top 20 shareholders hold 53% of stock; 1,365 shareholders





#### **Financial Performance**

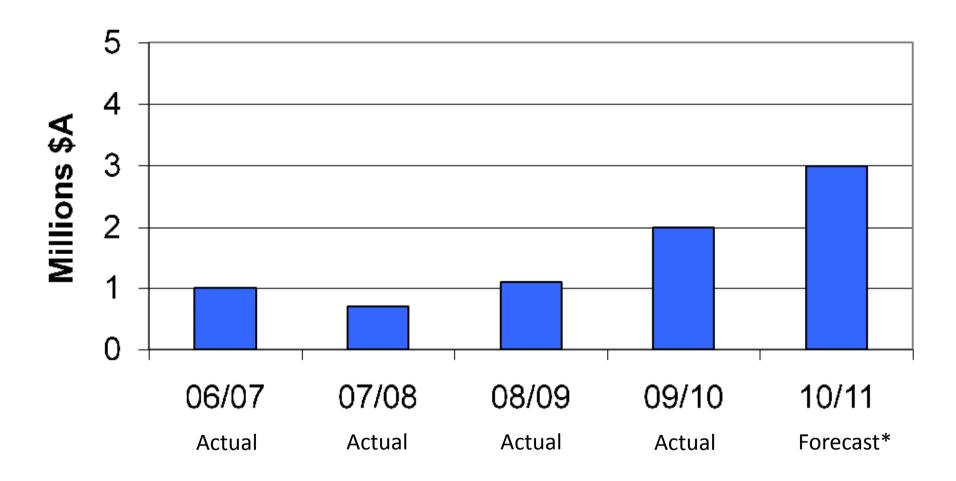
- PWS has underperformed sales not achieving forecast levels
- 79% increase in revenue in FY09/10 to A\$2.0M; EBITDA loss (A\$1.2M)
- Sales process is generally 12-36 months after trials required before larger sale
- Pipeline continues to grow; number of major decisions due over next 12 months

### Actions being taken by PWS Board

- Strengthen Board with recent appointment of Mr Laurence Freedman. AM
- Increased sales coverage Europe/UK, United States and parts of Asia
- Several important trials have recently been completed with major sales decisions due over next 12 months
- Developing second water treatment product in conjunction with University of Queensland
- Expand company through acquisition of other water technologies



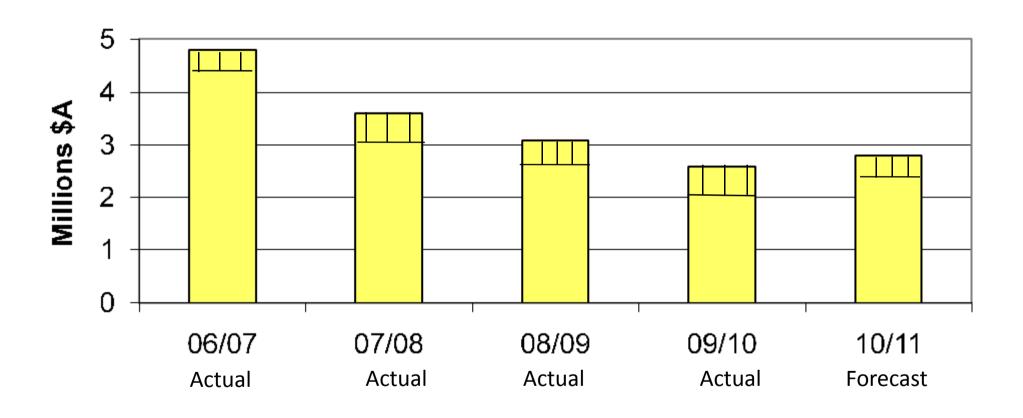
# **Increasing Revenue**



<sup>\*</sup> FY 2010/11 Forecast is based on YTD actual revenue plus forecast revenue for balance of year probability weighted

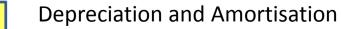


# **Reducing Expenses**



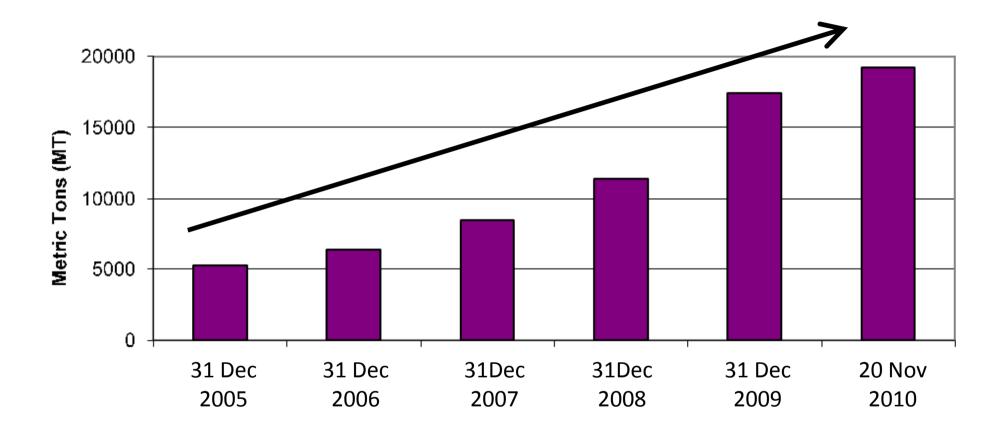


**Cash Expenses** 





# **Pipeline is Growing**



Application size per project capped at 1,000 MT



# **Europe and UK**

- Joint venture (60%/40%) with IDN performing very well.
  - 27 lakes treated since 2007
  - 4 lakes treated year to date in Germany, Holland, UK
  - Major trial on lake Varese in Italy
- Significant pipeline of major (>1000 tons) and large (100-1000 tons)
  - Expect some projects to commit over next 12 months
  - Developing new markets in Finland, Denmark and Poland
- Building blocks for sustained success
  - Completed applications, excellent results, technical reports, customer endorsement, government and water authority support







### **German Application this week near Hamburg**





### Lake Varese trial in Italy





### **Canada and Americas**

- Significant resources committed to developing Canadian market
  - First major sale (100 tons) in early 2010 for Lake Simcoe Authority
  - A number of projects in advanced stages with LSRCA, other Ontario lake authorities, other Canadian provinces
- Commercial relationships established in US with 2 major lake remediation companies
   California & Florida
- In advanced discussions with major US Group for national coverage via 160 lake applicator distributors
- Enquiries from Central and South America
  - Working on large project in Central America





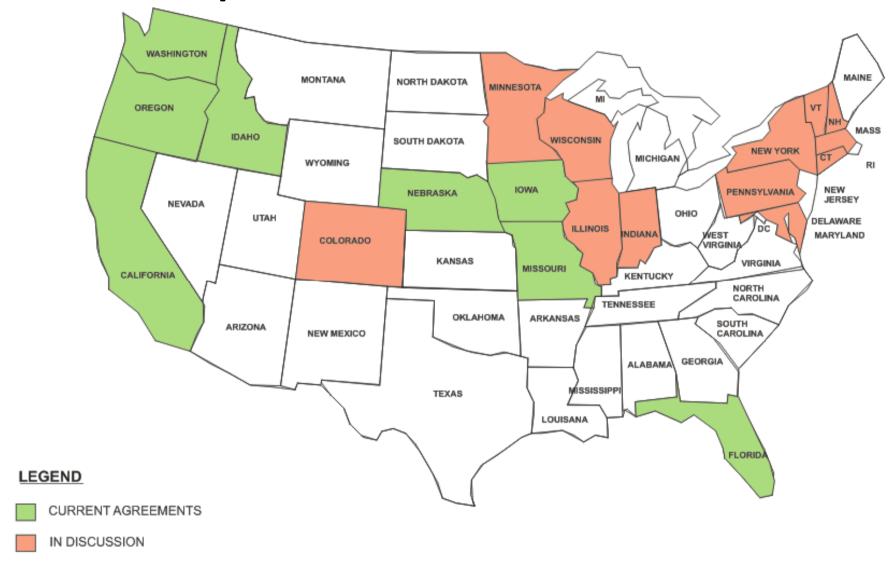


## Canada





## **American Representation - 2010**





### **Australia**

- Undertaken a number of projects around Australia since 2004
- Phoslock viewed as remediation product and BGA prevention in this market
  - Licence approved to apply Phoslock to major NSW Drinking Water Reservoir
- A number of repeat applications River Torrens, Canning River, waste water holding storages, recreational water bodies







### **Asia**

- Enormous water quality problems in this region and appear to be getting worse
- Political resolve to address issues however projects are large and will take a number of years
- Selectively working on several large projects in China with well credentialed partners
  - Three major projects scheduled for application in first half of 2011
- Undertaking meaningful trials (fully funded) for drinking water reservoirs in Singapore, Taiwan and Korea







# Other Application Types for Phoslock



### **Storm Water Basins (SWB)**

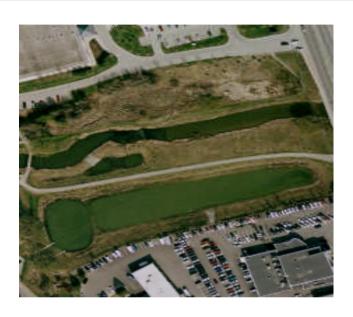
Phoslock is being used in SWB to adsorb phosphorus before it enters rivers and canals that flush into lakes

SWB are generally 0.3ha to 1.5ha with Phoslock applied twice a year



Phoslock is being used at the construction phase of wetlands – product placed on "floor" of wetlands

Concept similar to SWB where phosphorus is adsorbed before it enters canals and rivers





# Other Application Types for Phoslock



### **Aquaculture Ponds**

- Phoslock has been successfully used in aquaculture ponds in Australia, Indonesia, Malaysia and India to improve growing conditions
- Aquaculture expert representing Phoslock sales enquiries; good initial sales



### **Rehabilitation of Agricultural Land**

- Phoslock is being trialled on agricultural land that is being rehabilitated from rural to urban land
- Phoslock is applied over top soil to adsorb and lock up phosphorus so it reduces future P runoff into rivers and canals
- In Europe there is 20,000 ha of agricultural land which customer is rehabilitating from rural to urban



# Barramundi Farming in Darwin





### **Outlook for 2011**

- 8 medium/large applications scheduled for Europe
- Decision on Lake Varese
- 5 medium/large applications scheduled for Canada
- Nation wide coverage of Phoslock via large distribution network in US
- 3 large applications to South East Asia water bodies
- Further developments of Aquaculture basins

Forecast for 2011 is cash flow positive & profitable (based on company's reasonable projections)



## **Capital Structure**

Company Name: Phoslock Water Solutions Limited

ASX Code: PHK

Current Price: 6.5 cents\*

Trading range: (last 12 months) 5.4 - 14 cents

Total Issued Shares: 210 million

Total Issued Options: 5.4 million \*\*

Market Capitalisation: A\$13.7 million

\* Price on 24<sup>th</sup> November 2010

\*\* Exercise prices range between 15c – 50c and expiring between November 2010 and September 2012.

PWS is debt free



# **Major Shareholders**



Major Shareholders of Ordinary Shares \*

Link Traders Pty Ltd Newest Pty Ltd Kevin Tay Hay-Leong Ludgate Environmental Fund	Investor Investor Investor UK Institutional Investor	16.5% 5.1% 4.8% 4.8%
Current Directors and Executives – Ordinary Shares		
Top 20 Shareholders aggregate holding		53%
Institutional Shareholding (approx)		9%
Total number of Shareholders (approx)		1,365

<sup>\*</sup> Shareholders as at 24<sup>th</sup> November 2010



# PWS Contact Details



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**ASX Ticker: PHK** 



### **Phoslock Water Solutions Limited**

ABN 88 099 555 290



Annual General Meeting

25<sup>th</sup> November 2010

Questions