Intec Ltd

ABN: 25 001 150 849

2014 Annual General Meeting

2.00pm 28 NOVEMBER 2014

ZULU ROOM
CHRISTIE CONFERENCE CENTRE
LEVEL 4, 100 WALKER STREET NORTH SYDNEY NSW

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Company Update - Kieran Rodgers, Managing Director

- Cash at 30 September 2014: $1.74 million.
- 50% interest in Science Developments Pty Ltd (SciDev).
- Option to acquire the remaining 50% interest.
- Other: Technology licensing arrangement with Intec International Projects
  Ownership of Zeehan Slag dump
  ~ 5% shareholding in Bass Metals Limited
  2.5% NSR over certain tenements in Hellyer region

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SCIENCE DEVELOPMENTS
INNOVATIVE SCIENCE • REAL VALUE



- SciDev established in 2001 to commercialise technologies developed in the area of organic wastewater treatment chemicals.
- Specific manufacturing focus is production of cationic coagulants and aqueous flocculant concentrates.
- Product range sold under 4 (registered) brands with DairyFlox® and MaxiFlox® being established brands while OptiFlox® and BioFlox® being recent product introductions.

DAIRY FLOX MAXI FLOX OPTI FLOX BIO FLOX

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SciDev Focus for 2015

- Maintenance of sales position in the agribusiness sector, principally dairy processing
- Further expansion in quarrying sector
- Further expansion in industrial wastewater treatment, including in the oil and gas sector
- Roll-out of OptiFlox® system in the coal industry
- Leverage relationships with Alfa Laval Australia and Kemira
- Increase in sales resources internally and/or via distributors/re-sellers particularly for coagulant

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SCIENCE DEVELOPMENTS

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SciDev Established Product Families

DairyFlox®

DAIRY FLOX

- For dairy processing facilities, DairyFlox® coagulant / flocculant range delivers optimum performance in the treatment of wastewater streams at a treatment cost unmatched in the market. DairyFlox® provides cost savings through its unique efficacy across a broad pH range and dewatering capabilities to minimise sludge volumes.

MaxiFlox®

MAXI FLOX

- For all businesses other than dairy processors, MaxiFlox® coagulant / flocculant range delivers optimum performance in the treatment of wastewater streams at a treatment cost generally unsustainable by market competitors. MaxiFlox® provides total treatment cost savings through its unique efficacy across a broad pH range and dewatering capabilities to minimise sludge volumes.

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SCIENCE DEVELOPMENTS

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OptiFlox® System

OPTI FLOX

- SciDev has developed the OptiFlox® system, a new technology that continuously measures particle characteristics of slurry produced by coal washing plants, in order to maintain optimal flocculation conditions through automatic, real-time control of coagulant dosing.

- It has been developed by in-house R & D to deal with an industry recognised problem, i.e. variation in the types and concentrations of suspended particles in the slurry, as coal extraction moves to either different coal seams or different areas of a coal seam.

- The process enables consistent and reliable clarified water to be produced for return to the coal washing plant.

- A provisional patent application has been lodged in Australia relating to the technology.

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OptiFlox® System

OPTI FLOX

It is well known that from time to time coal washing plants are confronted with the issue of very turbid water flowing from their thickener that deteriorates to an unacceptable level resulting in the wash plant shutting down and production ceasing.

- Normally application of anionic polyacrylamide flocculant to the coal slurry as it enters the thickener results in good ‘floc’ formation.
- However, variation in the types and concentrations of suspended particles and the pH of the slurry can occur, as coal extraction moves to either different seams or different areas of a seam.
- Ineffective flocculation may then occur because of an increase in anionic clay colloids relative to other suspended particles, thus decreasing ‘floc’ size and agglomeration capacity.
- When this occurs, the existing optical sensing devices respond to these slower settling rates by increasing flocculant dosage. This generally makes the situation worse due to the anionic nature of the flocculant.

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OptiFlox® System

OPTI FLOX

- Industry is aware of the alternative solution of adding a cationic coagulant prior to adding the anionic flocculant. Dosage rate is generally determined by measuring the turbidity of the thickener discharge water. Time delay with this approach is too great to determine optimal dosage rate.

- However, the industry is frustrated with the current coagulant approach as they cannot determine the optimal dosing regime for coagulants, given the characteristics of the slurry feed are always changing.

- OptiFlox provides real time measurement of slurry characteristics that automates:
  - when to dose coagulant;
  - the dosage rate of coagulant; and
  - when to stop coagulant dosing.

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OptiFlox® System

OPTI FLOX

- Entails an integrated package including technology, equipment package, SciDev coagulants and performance reporting.
- Technology and equipment package installed either at:
  - Appropriate point along the 'in-feed' stream (slurry pipeline) to the thickener; or
  - At the 'centre well' of the thickener.
- Doesn't replace existing 'optical sensing' flocculation devices.
- Continual measurement of slurry characteristics and coagulant usage results in concise reporting of thickener performance.
- Currently in discussions with three coal industry participants to conduct trials of the OptiFlox® system. First trials during March quarter.
- OptiFlox® system is also applicable to sewage treatment plants, coal flotation plants, the paper and pulp industry and other mineral related slurries.

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Strategic Alliance with Alfa Laval Australia

- Alfa Laval is headquartered in Sweden with >26 billion SEK revenue
- Within Australasia, Alfa Laval decanter centrifuges are widely used in industrial and environmental wastewater treatment facilities.
- The Alliance provides for Alfa Laval to recommend SciDev coagulants and polymers to their clients, and also in new business proposals, particularly in respect to their decanter centrifuges.
- Similarly, SciDev recommends Alfa Laval decanter centrifuges.
- Alfa Laval decanter centrifuges are being increasingly utilised in the treatment of mine tailings.

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Designated as Strategic Re-Seller for Kemira Oyj

- Kemira is a significant chemical industry participant headquartered in Finland with > 2 billion Euro revenue.
- Strategic re-seller:
  - Allows SciDev to re-badge Kemira product
  - Kemira provides technical support to SciDev
- Benefits to SciDev:
  - Increases SciDev product portfolio
  - Supports roll-out of OptiFlox® system

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Questions

Trevor Jones
Chairman

Kieran Rodgers
Managing Director

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Intec 2014 Annual General Meeting

www.intec.com.au

The results of this AGM will shortly be available on the Intec web site.