



THE SMART WAY TO SUSTAIN VITAL PIPE INFRASTRUCTURE



SMART SUSTAINABLE ENABLING

vor•tex vor•teks

1. a whirling mass of water, esp. one in which a force of suction operates, as a whirlpool.

2. something regarded as drawing into its powerful current everything that surrounds it.

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Vortex Pipes subsidiary Premium Pipe has won the 2008 Western Australia Civil Contractors Federation Earth Award for Category One (project value up to \$1 million) for works completed on the City of Kalgoorlie-Boulder Sewer Replacement project.

Vortex relining specialist Chad Lyon was also recognised at the awards presentation, winning the inaugural Western Australian Civil Construction Trainee of the Year Award.

Mr Lyon (pictured above) who worked on the Kalgoorlie-Boulder project, recently completed a Level 3 Certificate in Civil Construction (Trenchless Technology) specialising in pipe relining, and would be one of the first in Australia to do so. We congratulate him in winning this award.

The Earth Awards are considered the pre-eminent awards recognising excellence in civil construction throughout Australia. Projects are nominated on a state-by-state basis with those winners subsequently considered for national awards.

The CCF Earth Awards are designed to highlight construction technique, safety, environment, project management, innovation in concept and implementation.

"We are extremely proud to be one of the state recipients of this award, which is highly regarded in the civil construction industry," said Vortex Managing Director Trevor Gosatti.

"The City of Kalgoorlie - Boulder Sewer Replacement works was significant in that the original tender was for the dig up and relay of sewer pipes but we provided a better option to rehabilitate the existing pipes using our innovative trenchless technology," he said.

Vortex provided an option to reline the existing pipe using the Saertex-liner system. This system uses ultra violet light to cure a new fibreglass and resin pipe inside the existing pipe to provide a close fit pipe rehabilitation. In addition a number of lines were increased in size by using another trenchless technology method by pipe-bursting through the old pipe with new pipe being pulled in behind.

"The City of Kalgoorlie-Boulder are to be commended for their decision to allow us to use a leading edge pipe relining technology such as the UV light cured fibreglass system, which provided many advantages for the environment," he said

"And the residents of Kalgoorlie-Boulder were the beneficiaries of that decision. The trench-less option resulted in a lower cost and less disruption to the City than would have occurred using conventional dig up and relay pipe methods," said Mr Gosatti.

The Company congratulates Chad and looks forward to the judging of the 2008 national CCF Earth Awards. ■

New Board Members



Vortex welcomes Mark Jenkins (left) to the role of non-executive Chairman of the Company and the appointment of another new non-executive director in John Phillips.

Mr Jenkins replaces Jim McDonald in the Chairman's role.

Managing Director Trevor Gosatti welcomed the new board members and acknowledged the contribution made by Mr McDonald.

"Jim has been instrumental in the transformation of Vortex from being solely a research and development company in pipe relining to a fully integrated pipe services and supply company," said Mr Gosatti.

"We are delighted that Jim will remain available to assist the Company going forward, especially in the development of composite pipe technologies."

Mr Jenkins has more than 20 years experience in consulting, operational and financial management and business development. He was previously Australia's Investment Commissioner based in London

"Mark is also the non-executive Chairman of Quickstep Holdings, with whom we are in a joint venture to develop and market a new generation of high-strength, corrosion resistant pipes to be manufactured using Quickstep's patented composites manufacturing process," said Mr Gosatti.

John Phillips (above right) joins the Vortex board with 40 years experience as a civil engineer on major infrastructure works. He is a former Chairman of GHD Engineering and served on their board for 25 years. He has also served as President of the Institution of Engineers (WA) and Chief Executive Officer of the Construction Contractors Association.

Mr Phillips said he had spent some time looking at the possibilities of Vortex's technology in the mining industry.

"I see significant opportunities for the Company in the cleaning and refurbishment of mission critical pipe infrastructures used in all slurry and processing pipe networks," he said.

"Vortex's Whirlwind pipe cleaning and ShieldLiner pipe relining solutions could save the mining industry significant time and money compared with the alternative of regular pipe replacement." ■

Vortex in Vietnam Floating Dock Freo Bound

Vortex has played a major part in the construction of a new floating dock system for the Australian Marine Complex at Henderson, south of Fremantle in Western Australia.

The Company is completing a contract with Strategic Marine Pty Ltd to supply and install glass reinforced epoxy ("GRE") pipes for part of the floating dock facility, which has been constructed in Vietnam and is expected to be towed to its new home in November.

Strategic Marine is a Western Australian shipbuilder that won the contract to build the floating dock. As part of that project, glass reinforced epoxy pipes were required as part of the dewatering system. The pipes have advantages because of their non-corrosive qualities.

Vortex offered a comprehensive project solution using GRE pipe manufactured by Fiberglass Systems of San Antonio, Texas.

Vortex are the Australasian sales agents for Fiberglass Systems, who manufacture in the USA and China a full range of fibreglass reinforced epoxy pipes and fittings with widespread industrial applications, particularly in marine, oil and gas, petrochemical, water, sewerage and mining operations.

The contract was awarded in February 2008 and involved a labour contractor working under Vortex control with all the pipe and fittings shipped to Vietnam from FGS plants in the USA and China.

The work included the fabrication of 14-inch, 16-inch and 24-inch spools, the coating of penetrations and inlet and outlet cones, and the mitring of the 14-inch, 16-inch and 24-inch lines into a 36-inch main drain.



Following its arrival in Henderson the new floating dock is expected to be commissioned by June 2009.

Vortex managing director Trevor Gosatti said the successful completion of the \$1.4m contract underlined the Company's confidence in the growth potential of composite pipes as an alternative to traditional materials that suffer from corrosion over time.

"In many cases composite pipes can provide a superior solution at whole of life costs considerably lower than traditional pipe materials," he said. ■



Saertex and ShieldLiner

Vortex has completed the rehabilitation of stormwater pipes in the Perth suburb of Belmont using the Saertex liner system.

The Vortex subsidiary Premium Pipe Services is the Australian and New Zealand distributor and installer of the Saertex liner cured in-place liner system. This system uses ultra violet light technology to cure the fibreglass and resin liner. The process is recognised as the leading edge technology worldwide for cured in-place pipes. It offers many environmental, space utilisation and time advantages over other methods in addition to providing a premium product.

The contract involved 120-metres of 300mm pipe and 80-metres of 450mm pipe in two locations.

Both locations were surveyed using CCTV to allow clearing of root intrusions and repair of joint failures before the pipes were relined using the Saertex fibreglass liner and ultra-violet curing.

The Saertex system complements the Company's patented ShieldLiner system as part of a suite of solutions offered to clients.

Vortex is planning another infield trial of ShieldLiner using the new matrix of materials which includes epoxy resin, last reported in our previous newsletter.

The project will be a valuable demonstration for key clients of the suitability of the ShieldLiner system in potable water applications.

Vortex provides specialist pipe rehabilitation services, utilising leading edge trenchless technologies. Specialist service offerings include CCTV pipe inspections, pipe cleaning and jetting and drain and gully cleaning.

As trenchless technologies, the Vortex solutions also offer local government and other agencies the benefits of minimal disruption to residential, commercial and industrial estates. ■



APIA Convention

Vortex was represented at the 40th Annual Convention of the Australian Pipeline Industry Association held at the Perth Convention Centre in October.

The APIA Convention is the most significant event in the pipeline industry's calendar, covering a range of issues under the title: Australia's Sustainable Future - In the Pipeline!

The Company used the opportunity to showcase Vortex's suite of smart, enabling

and sustainable solutions with the emphasis on composite pipe solutions.

The exhibition enabled Vortex to showcase both the FiberGlass Systems range of glass reinforced epoxy pipes for the resources and the oil and gas industries and the proposed next generation QuickPipes technology.

The Australian pipeline industry is respected worldwide and APIA's broad membership base provides the Company with a valuable network of contacts and opportunities.

The APIA Convention featured presentations and papers on:

- Environmental management
- Reducing greenhouse gas emissions
- Technical innovations
- Skills training and development
- Safety - management and new initiatives
- Regulatory challenges
- Water transportation challenges
- International projects





Kalgoorlie Contract

Vortex Pipes will undertake another major project in the Western Australian Goldfields region, with a contract to survey more than 11km of 150mm sewer pipe using CCTV technology – part of the suite of cleaning solutions offered by the Company.

The contract with the City of Kalgoorlie-Boulder also calls for water jetting and root cutting as and when required during the course of the survey.

Vortex Managing Director Trevor Gosatti said the project would require at least two Vortex personnel on location for approximately three weeks.

“The extent of work in the region and the opportunities for our range of technologies suggests we may be looking to establish an office in Kalgoorlie at some time in the relatively near future.” said Mr Gosatti.

Vortex offers a range of pipeline cleaning solutions including water jetting.

The Company recognises that there are numerous cleaning challenges from potable water to gravity feed sewers to mining and chemical plant core conduits. By acquiring exclusive license and specialist expertise in waterless and mechanical cleaning technologies Vortex can meet specialist requirements in a manner that best suits the customer. ■



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Please take time to visit our website at www.vortexpipes.com to stay up to date with Vortex developments and other industry news.

Kind regards

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Thank you for your support of our company.

This is the second edition of our printed newsletter. Vortex Pipes is committed to ensuring its shareholders and other key stakeholders are informed promptly and efficiently of developments that affect the company.

We will continue to provide updates in this format but we understand that many of you prefer to receive such notifications electronically.

As announcements are released to the market and the media we offer you the opportunity to

Recent ASX Announcements and Media Articles

27 05 2008	ASX Potable Water Approval
05 06 2008	ASX Vortex appoints new Directors
15 07 2008	Contractor magazine article “Material Change”
11 08 2008	ASX Vortex wins Earth Award
14 08 2008	WA Business News “Earth Award”
24-09-2008	ASX Vortex appoints new Chairman
16 10 2008	WA Business News “Chairman’s appointment”
23 10 2008	Appendix 4C - quarterly
23 10 2008	Notice of Annual general Meeting / Proxy Form