

WELCOME TO

AIMEX
AT THE CORE OF MINING INNOVATION



WELCOME TO

AIMEX 2011



AIMEX 2011 REVIEW

THE PICK OF THE CROP

November 2011

www.miningmonthly.com

AUSTRALIA'S
**MINING
MONTHLY**



SORTING OUT SLUDGE

SILT happens. So who you gonna call? Well the name John Scheirs springs automatically to mind. Along with his creepy crawlies – on steroids.

Scheirs' business Roll-a-Pipe specialises in the design, manufacture and sales of pump pontoons for sludge ponds, mining and industrial applications, sewerage, desludging and waste water. He has come up with a spectacularly simple system – towable on the back of any 4WD – to aggressively and effectively attack all the aforementioned.

Mines and water go hand-in-hand but the solution has never been easier. His merger of foam-filled 8mm wall thickness high density polyethylene plastic pontoons with a simple winch controlling an auger, lying on its side and armed with opposing flights, can pump out a tailings dam – water and solids – at 1500 litres a minute. The water-only model can manage 4000 l/min.

Branded the Catfish mini dredge by Scheirs, the unmanned water and solids unit is computer controlled and can handle sludges, mud, slimes, tailings, mineral sands and concentrate and silts.

It moves via winches on steel cables stretched across the water and the sludge or tailings can be pumped into sludge dewatering geobags for cost-effective dewatering.

"The bags can then either be harvested for their contents or converted into the landscape," Scheirs said. "Even the EPA is delighted with the way the bags can be stacked and then

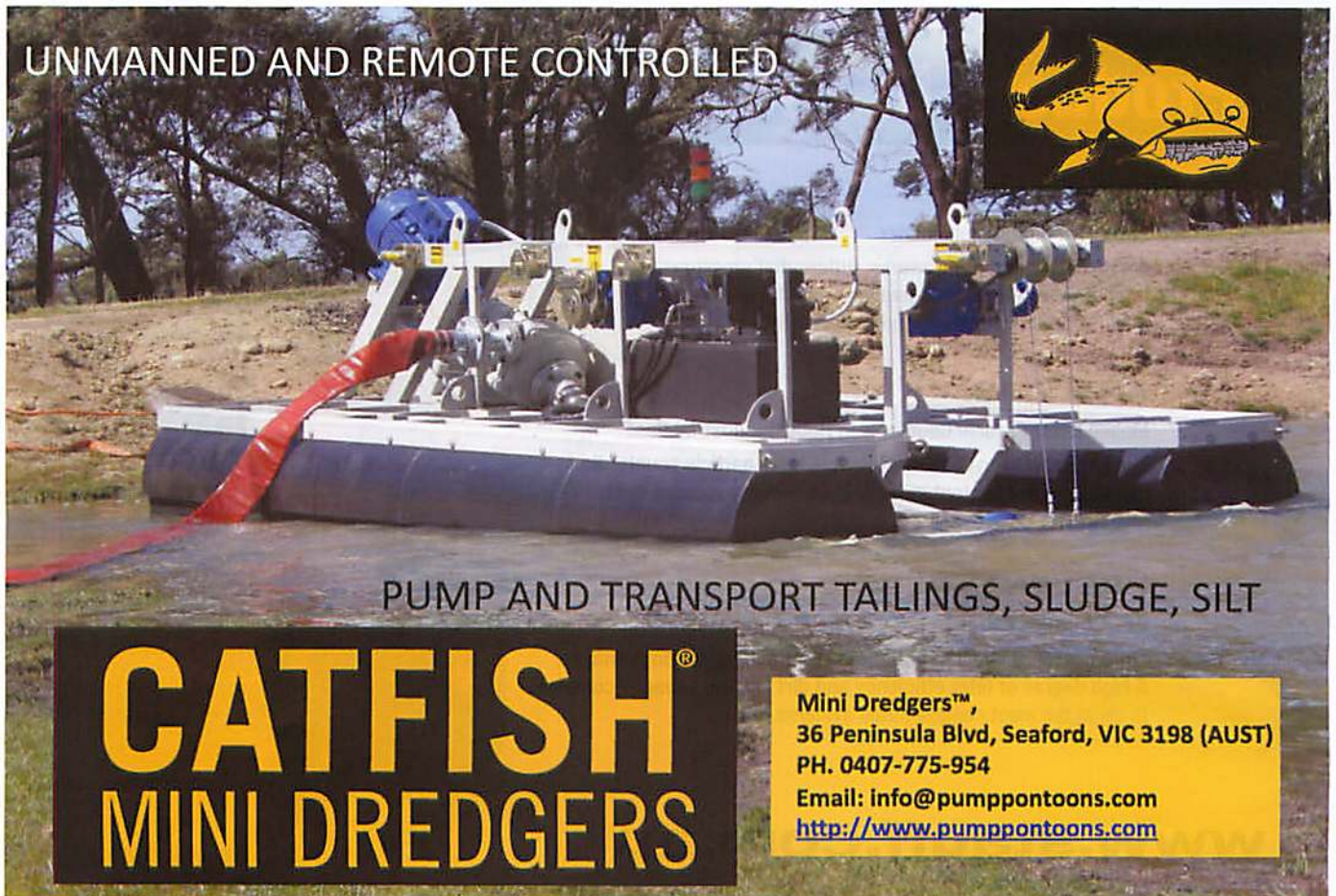


The catfish relaxing at AIMEX 2011.

planted over to create a vegetative cap, or grassed mound. They will last that way for more than 100 years, no problem, although theoretically they will be good for thousands.

"Other advantages of the geobags include a drastic reduction in disposal costs, quick mobilisation, you are disposing a solids cake not liquid sludge and there is no need for a centrifuge or filter press."

UNMANNED AND REMOTE CONTROLLED



PUMP AND TRANSPORT TAILINGS, SLUDGE, SILT

CATFISH[®] MINI DREDGERS

Mini Dredgers™,
36 Peninsula Blvd, Seaford, VIC 3198 (AUST)
PH. 0407-775-954
Email: info@pumppontoons.com
<http://www.pumppontoons.com>