



# ABERGELDIE

COMPLEX INFRASTRUCTURE



Lucinda Bulk Sugar Terminal - Cyclone Yasi Repair Works

## Keeping you in the loop...

In the last newsletter we highlighted Abergeldie's greatly enhanced tunnelling capacity. In this newsletter we are able to showcase our marine and shaft sinking capabilities.

We have developed a new look brochure and website to let our clients see all our capabilities. I invite you to visit our website and reacquaint yourself with the complex infrastructure projects that have been safely and successfully carried out by our talented team.

Mick Boyle  
Managing Director  
Abergeldie Complex Infrastructure™



Check out our new website

[www.abergeldie.com](http://www.abergeldie.com)

## Contents

**CURRENT PROJECTS**

**NEW PROJECTS WON**

**LATEST ABERGELDIE NEWS**

**LATEST COMMUNITY NEWS**

ENGINEERING

ENERGY

WATER

MARINE

MINING

TUNNELLING

# CURRENT PROJECTS

## Complex Infrastructure Projects Update

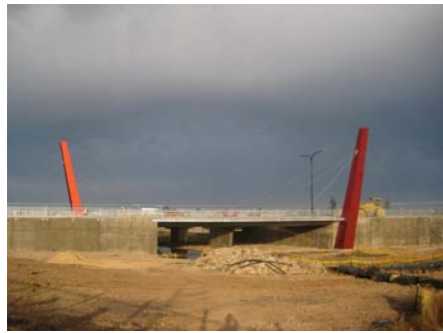


### Nepean Zone Substation

TENIX AUSTRALIA PTY LTD

Abergeldie has been contracted by Tenix Australia Pty Ltd to establish a 66/11kV Zone substation at Nepean NSW with a firm (n-1) transformer capacity of 35MVA. Works include construction of a dedicated building to house the 11kV switchboard and associated auxiliary equipment. The job is currently on program and is expected to finish mid December.

Value \$3 500 000



### The Ponds Bridge

LANDCOM

After Abergeldie's successful completion of a bridge in "The Ponds" housing estate back in 2009, Landcom have recently contracted Abergeldie for the construction of a another road bridge nearby. Works for the 32m twin span road bridge comprise structural works including piling, headstocks, placement of bridge planks, bridge deck, barriers, railings, approach slabs, services incorporated within the bridge as well as civil, storm water, landscaping and services through the approaches.

Value \$ 2 000 000



### Keperra to Ferny Grove Retaining Walls

QUEENSLAND RAIL

Abergeldie has been contracted by Queensland Rail to construct approximately 500 metres of retaining wall. The site of works is located along the rail corridor between Keperra (11.150km) and Ferny Grove (12.475km), north of Brisbane on the Ferny Grove Line. The contract includes the whole of works required in connection with the construction of retaining walls from Keperra to Ferny Grove to widen the rail corridor to enable the single track to be duplicated for two way running.

Value \$ 2 000 000



### Telstra Sydney 500 V8 Supercar Race Track

INTEGRATED EVENT DELIVERY MANAGEMENT

Each year Abergeldie installs temporary bridges, barriers and fences and makes modifications to the roads around Sydney Olympic Park for the staging of the Telstra Sydney 500 V8 Supercar race. We're gearing up for our third year. Scope includes provision, installation and required maintenance of the temporary infrastructure needed during the three day event. Upon event conclusion, Abergeldie will remove all track infrastructure and return Sydney Olympic Park to its original state.

Value \$2 000 000

# MAJOR EVENTS

## More Projects for the World's Largest Blind Bore Drilling Rigs

Xstrata Coal has contracted Abergeldie to drill and line a new ventilation shaft for the stage 5 workings at its Ravensworth Underground Mine in the Hunter Valley. Negotiations for the stage 4 shaft are also well under way.

Vale has also contracted Abergeldie to construct a shaft for their Integra Underground Coal Mine near Singleton.

The shafts will be constructed using the blind bore drilling method, as applied successfully by Abergeldie on vent shafts for the Dendrobium Mine near Sydney and the North Goonyella Mine in Queensland.

Abergeldie's work is also nearing completion on the new vent shaft for the Austar Stage 3 Mine near Cessnock in the Hunter Valley.

Abergeldie owns and operates three large blind bore drilling rigs in Australia: up to 50% larger than any others in the world.



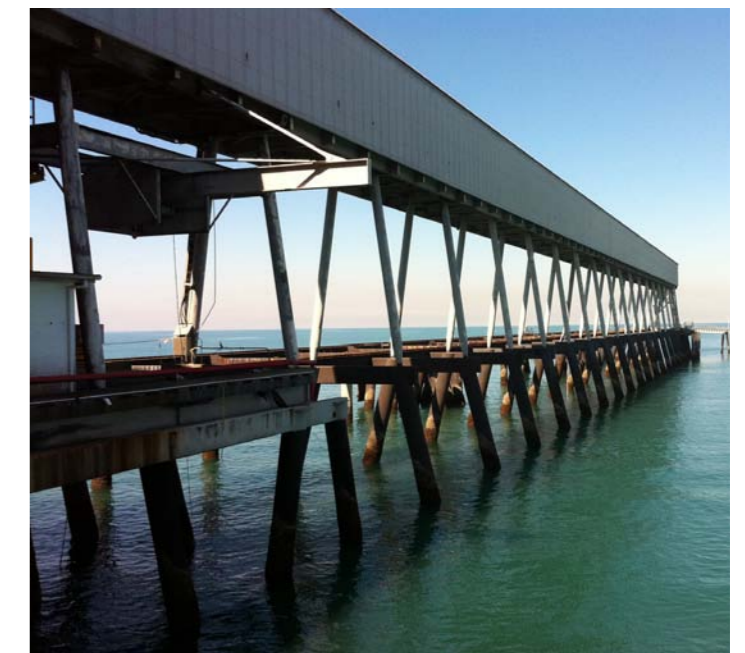
Rig 100 at Austar Coal Mine

## Lucinda Bulk Sugar Terminal Cyclone Yasi Repair Works

Damaged by Cyclone Yasi in February 2011, Queensland Sugar Limited's 5 km long jetty and bulk sugar loader at Lucinda, 150 km north of Townsville, will be back in action by April 2012, thanks to an intense and complex, fast-track program of repair works. Abergeldie was awarded the \$30 000 000 contract in September 2011, allowing just six months to get the jetty and loader up and running again before the next sugar harvesting season begins.

Nearly all of the works will be carried out at heights, over water, up to 5 km out to sea, and sometimes under water, demolishing and repairing unstable, damaged structures, services and equipment. Getting the job done to the high standards demanded and within the time allowed will be no small challenge. But for the Abergeldie team, the greater the challenge, the greater the opportunity to excel.

Because the damaged jetty and loader structures are unstable, specialised marine access, work platform and lifting equipment will be used. The key element will be a Sea Lift 4 jack-up barge, with a capacity of up to 250t, supported by four hydraulic "spud" legs. The Sea Lift 4 can provide a stable work platform above the high water level in depths up to 36 meters. It will be delivered to the site by road, in 26 standard semi-trailer loads. A 150t lattice jib crawler crane will work from the jack-up barge platform. The list of specialised marine equipment also includes two shuttle barges and the 1,200 HP "Black Panther" 24 m utility vessel to move them around. The tug, barges and crane will enable a complex array of gantries and access platforms to be erected to enable repairs to the wharf and jetty cladding to proceed.



Lucinda Bulk Sugar Terminal

# COMMUNITY NEWS

## Oxfam Trail Walkers

Two Abergeldie teams set off from Brooklyn on the Hawkesbury River at 9am on Friday 26 August for an (almost) non-stop 100 km stroll to enjoy the view over Sydney Harbour from Georges Heights less than 48 hours later - and raised more than \$11,201 for Oxfam along the way.

The Abergeldie Greens team of four hardy hikers finished in 202nd place in a time of 27 hours and 33 minutes. Three of the four Abergeldie Blacks stayed the course to finish in 454th place after 35 hours and 21 minutes.

Two of our team members, Mick Boyle and Michael Trumm, were backing up from the Brisbane Oxfam Trailwalk through which they trudged their way on 17 and 18 June. That's dedication for you.

From all of the walkers, heartfelt (and foot-felt) thanks to those who helped to make these annual events so successful through their physical, moral and financial support.



Abergeldie Black Team at Finish Line - Sydney



Abergeldie Team at Finish Line - Brisbane

## It's Not What You Think!

Abergeldie Contractors recently conducted an emergency response scenario of a different sort. No longer satisfied that the "pretend fire" and subsequent evacuation was a suitable test of company emergency response procedures, the project management team for the Nepean Substation joined up with the local NSW Fire and Rescue Service to carry out a simulated rescue of an injured employee.

The "injured employee" was suffering back pain / loss of feeling in arms and legs after falling from a height and as the injury is outside the scope of standard first treatment, the emergency services were called to attend. Our employee was diagnosed on scene, strapped to a back board and fitted into a litter. Given that the injured employee was in an awkward location on a section of scaffold some 15 meters off the ground, the emergency services had to manoeuvre a rescue boom into position for a pretend lift to ground.

Needless to say, our "injured employee" was safely rescued. The simulated rescue was an excellent practice for the NSW Fire and Rescue Service and identified several opportunities for improvement of Abergeldie's emergency response processes that will be shared throughout the company.



See us again this year at...



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### Brisbane

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