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December 2015

Keeping you in the loop...



In September 2015 I advised all our client, employees and partners that Greg Taylor had joined Abergeldie as our new CEO. I further advised that with Greg on board I was going to transition from a CEO into an Executive Chairman role.

Over the last two months that transition has been completed. The speed and smoothness of the transition is testimony to the character and capability of Greg and augers very well for the future of Abergeldie.

In my Executive Chairman role I will continue to support Greg in the day to day running of the business but focus on more strategic opportunities for Abergeldie. There is a lot to consider. Through some recent key staff recruitments we are strengthening our structural remediation capability and will continue to focus on rebuilding aging water and transport infrastructure. We have a number of international tunnel and shaft prospects in NZ and Canada. There are also major project joint venture openings to pursue in Australia with major infrastructure contractors.

These are exciting times for Abergeldie with good opportunities developing and the right structure in place to take advantage of those opportunities.

During the transition it has been very pleasing to see Abergeldie and our team continue to receive industry recognition. We are very proud to once again receive the Australian Mining Contractor of the Year award, this year for our record breaking blind bore shaft in the Southern Coalfields, drilled at 6.3m diameter down to 520m deep.

We are also proud of our employees who won awards at the Civil Contractors Federation People awards night. We had 8 finalists and 3 winners.

1. Oljay Ibrahim – Supervisor of the Year
2. Steven Matthews – Plant Operator of the Year
3. Fred Aldridge – Aboriginal Employee of the Year

I hope you enjoy our update on our usual diverse range of complex projects.

Mick Boyle

Executive Chairman
Abergeldie Complex Infrastructure™



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ENGINEERING

ENERGY

WATER

PIPE RENEWAL

MARINE

MINING

TUNNELLING

GREG TAYLOR

- AN INTRODUCTION TO OUR CEO AND HIS VISION FOR ABERGELDIE

In this edition we showcase the incredible diversity of projects and sectors we support at Abergeldie; bridges, water projects, roads, pipe relining/rehabilitation, blasting, vertical shaft blind boring, dam repairs... these are just some of our current projects. In visiting a number of our projects and talking to teams across the organisation, I can see the Mission of "Abergeldie provides the complex infrastructure needed to build better communities" coming to life.

The innovative ideas that are being created on projects drive our business to pursue more complex projects. In the short time I've been in the organisation I've had senior executives from clients comment on our smart temporary works designs and I've been part of discussions on innovative retaining structures and specialised remote heating sleeves to significantly improve our pipe relining efficiency.

Our pursuit and excellence in solving complex projects has gained Abergeldie Industry wide recognition recently in winning the Mining Contractor of the Year and a number of members of our team have been recognised for their individual excellence in the recent Civil Contractors Federation People Awards, these awards are a reflection of the great team we have at Abergeldie.

During this transition period I have enjoyed learning about the enormous diversity of talent, technology and skills available to us in the business and see that the building on this diversity is key to our future. In the market at present we are shortlisted panel members to deliver works for a number of key clients. These panels allow our clients to quickly release work associated with their key asset priorities. This is an exciting opportunity for us to use the diversity in Abergeldie to provide a "one stop shop" of skills, experience and technology to service our clients requirements. We are one of the most diverse Infrastructure organisations in the industry.

At the same time as servicing our clients on our panel programs, we are pursuing other significant opportunities across the Roads/ Bridges, Water, Pipe Renewal, Tunnels/Shafts, Power and most recently the Remediation sectors.

While we deliver the infrastructure to build better communities, we have been very active in supporting a number of charities that play such a critical role in supporting the fabric of the communities we work within. We have donated \$31,000 to St Vincent De Paul Society and in addition, a number members of our team do an amazing job in assisting Vinnies on the ground in their support activities. We have also played a major role in organising and gaining industry support for WaterAid Ball, a major fundraising charity ball which raised over \$300,000 this year.

I hope you enjoy our last publication for 2015. Have a great Christmas and I look forward to personally meeting more of our clients in the New Year.



Abergeldie's new CEO, Greg Taylor

MINING CONTRACTOR OF THE YEAR

- AN AWARD WIN AT THE 2015 AUSTRALIAN MINING PROSPECT AWARDS

Abergeldie is proud to have won the 'Contractor of the Year' Award at this year's Australian Mining Prospect Awards held on Friday 30 October 2015.

The award was won for the drilling and hydrostatic lining of the largest blind-bored ventilation shaft in Australia to date, built with Abergeldie's in-house designed and built drilling rigs. The shaft was bored for a mine in the Southern Coalfields of NSW, and reaches a depth of 517m with a diameter of 6.2m.

Abergeldie's new CEO, Greg Taylor, accepted the award. "Innovation definitely had a presence on site. The team had to think well outside the square to overcome many challenges, and not just with the drilling. The size of the shaft and the types of cutters that had to be used for the deep strata meant that a huge volume of process of water needed to be treated to remove many, many tonnes of suspended fine solids. The normal settlement pond approach just wasn't up to it, so the team developed a special high-flow flocculation system especially for the task. And it worked a treat."

"Our team met every challenge: a record-breaking achievement," said Mr Taylor.

Abergeldie is extremely proud to have delivered this project for a very valued client.



Greg Taylor accepts the Mining Contractor of the Year Award

PROJECTS UPDATE

- CURRENT AND NEWLY AWARDED PROJECTS

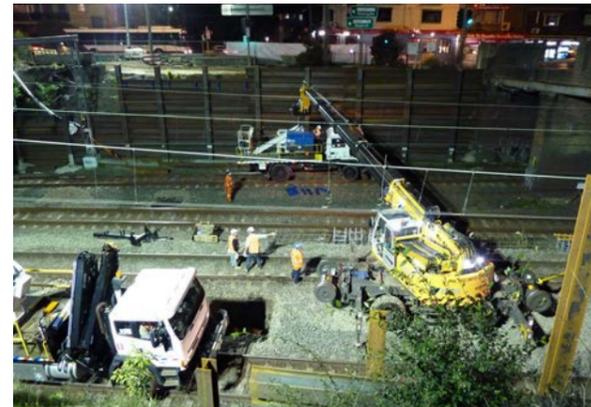


George St Blasting

MAINLAND CIVIL

For a new building at 300 George Street in Brisbane's CBD, Abergeldie developed a methodology and carried out blasting to excavate for the building's lift shafts. The site is very close to the Brisbane River and has four of the CBD's busiest main roads on its boundaries. The basement floor had already been excavated to 23m below street level, with blasting taking the bottom of the lift shaft core for the residential a further 6.5m down. Abergeldie was able to drill, load and prepare for blasting out the 5000BCM (bulk cubic metres) lift core in a single week. On Saturday 24 October at 6:25am the surrounding streets and walkways were cleared by traffic control and police and at 7.15am the blast was successfully fired. The complex engineering design and blast methodology provided by Abergeldie optimised fragmentation of the rock within the lift core, which simplified the final excavation of loose material, delivering a three week time saving on Mainland Civil's original program.

Value \$100,000



Allawah Rail Overbridge

SYDNEY TRAINS

The 100 year old bridge over the railway line at Lily St, Allawah is being demolished and replaced by a new 40m long, single span RSJ, composite deck, four lane bridge. Associated works include relocation of 11kV Ausgrid cables and a 750mm water main, approach roads, temporary retaining wall design and construction, and realignment of overhead rail traction wires and stanchions. Some of the works in and above the rail corridor can only be carried out during precisely timed weekend rail track possessions. Track possession works were carried out during a continuous 36 hour shift late in September using hi-rail equipment and a multi crane to erect steel hoardings and a temporary work platform for installation of piled foundations for the bridge abutments immediately adjacent to the rails. The project is expected to be completed by the end of 2016.



St Marys

SYDNEY WATER

The Jordan Springs Pump Station has now progressed to completion of both IICATS and Electrical Commissioning. The Developer will complete works to activate the pump station next year.

Nearly 4 km of gravity and pressure mains connections are now under construction, using a combination of open trench and trenchless microtunnelling, including a 240m pass under the M4 motorway and an 80m pass under Erskine Park Link Road. The 2.5km gravity main at Ophir Street is expected to be completed by the end of November 2015.

Value \$7.3 million



Balmain Submain, Rozelle Bore Shaft install.

SYDNEY WATER

The first stage of the Balmain submain being rehabilitated passes under residential properties in Rozelle. The old 990 x 660 brick oviform pipe was originally constructed by hand, using both tunnel and open cut methods and is now seriously degraded. The rehabilitation works involve inserting a resin impregnated felt continuous liner within the old host pipe and curing new the liner with water.

To improve access to the pipeline and facilitate double isolation, both for future maintenance and for Abergeldie's equipment being used to launch and cure the new liner, Abergeldie is working with MGI Piling to construct a steel encased bore shaft of DN1500. The new shaft is being sunk through mixed soil strata to a depth of 6 meters, passing between several buried service lines for telecommunications and water which must be located accurately and protected.

Value \$2 million

PROJECT FOCUS

- BURWOOD BEACH WWTW UV SYSTEM



On 30 September 2015 Abergeldie was awarded the Design and Construct of Ultra Violet (UV) System at Burwood Beach Wastewater Treatment Works (WWTW) Contract. Valued at over \$10 million, the scope includes design development, detailed design, construction, testing and commissioning of Burwood Beach WWTW UV disinfection system.

Civil works includes the construction of a new concrete twin UV channel with a full roof, an outfall chamber, connecting pipeworks, switchroom building and two transformers. Preliminary works have already started and the major works would be undertaken early in the new year. The original contract period is fifty eight weeks and the works are expected to be commissioned before or after 2016 Christmas period.

PROJECT FOCUS

- CORIN DAM SPILLWAY TO CORE INTERFACE REPAIR WORKS

In late August, Icon Water contracted Abergeldie to repair and upgrade works to the Corin Dam spillway and its interface with the clay core of the dam wall. The works will make an important contribution to the water supply security to Canberra and the surrounding region. The \$1 million dollar project kicked off in mid-October and is due for completion early in February 2016.

Corin Dam, constructed in 1968, is a clay core, rock-fill embankment on the Cotter River, in the Namadgi National Park, about 60 km south west of Canberra. It is one of three water supply storage dams on the Cotter River and is upstream of the Bendora and Cotter Dams. It releases water into the Cotter River to supplement storage in Bendora Dam on an as required basis.

The works include: demolition and reconstruction of a portion of the road access bridge across the spillway, modifications to the bridge abutment with a revised profile up to crest level; demolition of the existing reinforced concrete wave walls and reconstruction to a new profile; removal and reconstruction of a section of the embankment crest with zoned placement of revised filter and core cross-sections; and re-establishment of the road across the dam crest, including a pedestrian path and vehicle barriers.

The dam level, which currently sits at just under 50% full, will be monitored closely as the works proceed. Upstream flow monitoring will also be put in place to warn of potential rapid inflows. These precautions are essential as modifications to the dam wall core will require a short-term lowering of the height of the embankment, temporarily reducing the dam's capacity.

