







ABERGELDIE
COMPLEX INFRASTRUCTURE



Pipe Jacking for the Victorian Desalination Project

CONTENTS

-  **MAJOR PROJECTS**
-  **MAJOR EVENTS**
-  **OFFICE OPENINGS**
-  **LATEST ABERGELDIE NEWS**

KEEPING YOU IN THE LOOP....

It has been an eventful start to 2011 with heavy rain and floods affecting our projects in Queensland and Victoria.

Our team has done well to minimise the effect of the weather on Abergeldie and our clients. We have also been able to lend a hand to assist the broader community in and around Brisbane.



In an exciting development, over the last 6 months we have greatly enhanced our tunnelling capacity with the purchase of equipment and hiring of key people. Three 2800mm pipe jack tunnels have been successfully completed during that time

Mick Boyle
Managing Director
Abergeldie Complex Infrastructure™



Current Projects

Complex Infrastructure Project Update



Dewatering Facilities at Kincumber and Woy Woy STP's

GOSFORD CITY COUNCIL

Design and construction of buildings, truck loading bay, conveyors and load out bins. This project included electrical works, balance tanks, pipe systems, polymer systems as well as miscellaneous steelwork at Kincumber and Woy Woy on the NSW Central Coast. Kincumber has been completed except for minor defects and Woy Woy has been commissioned, Woy Woy is undergoing performance trials. Both facilities will be completed by mid May 2011.

Value \$5 000 000



Elmgrove 2 (Jacka) Reservoir, Rising Main & Pumpstation

ACTEW AGL DISTRIBUTION

The first stage is complete and involved installing and connecting a DN375 water main, the construction of a pump station and the installation and commissioning of various pipe work components, electrical works and pumps to feed the nearby reservoir and adjacent housing development. The final stage is almost complete. It entails construction of a 3ML steel reservoir, 400m long rising main, conduit runs and electrical installation, earthworks, a valve pit and a hypochlorite dosing facility.

Value \$ 4 000 000



Burrows Road Pipe Jacked Tunnel

ENERGY AUSTRALIA

Construction of the permanent concrete works for the jacking and the receive shafts and fit out of the tunnel to enable it to receive cable were completed prior to Christmas. The Abergeldie project team were able to deliver the project on time despite encountering several difficulties with ground conditions, water ingress and inclement weather. The new 87m long, 2800mm diameter water-tight underground tunnel will carry 6 x 132kV cable circuits which will form part of the reconfigured Energy Australia Network from the upgraded Beaconsfield South Substation.

Value \$ 9 000 000



Pipe Jacking for the Victorian Desalination Project

THIESS DEGRÉMONT NACAP PIPELINE JV

Abergeldie have carried out two short pipe jacking projects for the Victorian Desalination Project. Our works involved tunnelling under two drains and a river as part of the 84km pipeline delivering water to Melbourne from the desalination plant. Two tunnels have been bored and lined, one 120m and the other 54m. All work on site is now complete.

Value \$1 100 000

Major Events

V8 Super Cars Sydney Telstra 500, 2010

The Sydney Telstra 500 was a hugely successful event again this year. Of all the street circuit events on the V8 calendar, the Homebush event is reported to be the most complex of set-ups, yet the Abergeldie project team were able to deconstruct the track infrastructure in record time and restore Sydney Olympic Park precinct back to its pre-race condition with all works completed by Christmas. Abergeldie crew members worked closely with the V8 Supercars, IEDM and the Homebush Motor Racing Authority to ensure the success of the project. The 2010 Sydney Telstra 500 event was awarded the V8 Supercar Event of the Year in early December, 2010.



The Abergeldie Event Crew on stand by during the event



The Sydney Telstra 500 in full swing

Abergeldie Buys Tunnel Boring Machine

After several successful pipejack tunnel projects utilising equipment owned by other companies, Abergeldie have purchased a Herrenknecht Earth Pressure Balanced (EPB2000) pipe jacking machine.

This machine allows Abergeldie to install pipejack tunnels with an internal diameter range of 2.0m to 3.0m in all ground conditions. The earth pressure balance technology is especially useful in water charged or poor ground where open faced tunnel boring machines risk collapse of the work face.

The purchase of this machine is part of an intent by Abergeldie to expand its inhouse blind boring technology into the complementary processes of pipejacking and tunnelling.



Setting up the TBM at Burrows Road

Brisbane Office Opening

Abergeldie's new premises in Brisbane was officially opened on 7 April 2011. The new office has been built on the same site as the old office at 97 Old Toombul Road in Northgate.

A function was held to formally mark the occasion and guests were treated to canapés and drinks.

The afternoon was a great success. Thank you to all who attended.



Brisbane office opening function

QUEENSLAND FLOOD RELIEF

It was a tough start to the year for the people in Queensland with the recent flooding around Brisbane. In the week before the Brisbane floods and weeks after, Abergeldie's Brisbane team were directly assisting families and businesses in Brisbane by providing man-power and equipment to help with sandbagging and with the cleanup. It was an effective way to help, based on our readily available skills and equipment. Abergeldie's on site flood relief help had an estimated value of \$10,000.

Some staff approached management and requested donations to be deducted from their pay. Abergeldie matched staff donations and added more monetary funds bringing our total QLD disaster relief contributions to \$25,000. We are always committed to helping communities, especially those that have had the misfortune of natural disasters.



WASTEWATER WORKSHOP

Abergeldie will be hosting a free workshop on Wastewater Secondary Treatment Processes in our Sydney Head Office.

If you work in or are associated with the wastewater industry but find yourself asking questions about the logic of treatment processes and their origins, then this workshop is for you!

Presenting will be the highly respected wastewater industry professionals, Michael Young and John Jennings. Together they have a combined experience of 55 years in the industry.

Mike and John will be covering a broad range of topics from the development and chemistry of the wastewater treatment process, through to plant design and project delivery. Catering will be provided.

Venue: 1/5 George Young St, Regents Park, NSW
Date: Friday 27 May 2011
Time: 9.30pm - 4.00pm

To request a full agenda or to reserve your seat, email Erin Walker (ewalker@abergeldie.com) or call 0439 031 895.

Hurry, limited seats available

A NEW LOOK FOR ABERGELDIE

Abergeldie has been working to develop a new look brochure and website.

The brochure will be available from mid May and the website will be launched mid June.

Keep a look out at www.abergeldie.com

See us again this year at...



AUSTRALIA'S NATIONAL WATER TRADE EXHIBITION
ADELAIDE CONVENTION CENTRE

Sydney

5 George Young St, Regents Park NSW
PO Box 10, Regents Park NSW 2143
p: 02 8717 7777 f: 02 8717 7778

Brisbane

97 Old Toombul Rd, Northgate QLD
PO Box 135, Banyo QLD 4014
p: 07 3621 0000 f: 07 3630 4100

Newcastle

1/16 Huntingdale Dr, Thornton NSW
PO Box 326, Thornton NSW 2322
p: 02 4966 3899 f: 02 49663859

Canberra

1/92 Hoskins St, Mitchell ACT
PO Box 56, Mitchell ACT 2911
p: 02 6241 1755 f: 02 6241 0712