

# RPC Technologies cutting edge support of Australian Desalination Projects

## Adelaide Desalination Project

RPC have been contracted by MAJV (McConnell Dowell Abigroup Joint Venture), part of the AdelaideAqua D&C Consortium for the design, manufacture and supply of GRP risers for the Adelaide Desalination Plant currently under construction at Port Stanvac SA. The intake and discharge systems will utilise 1 - 2.0m diameter intake riser and 6 - 0.9m diameter discharge risers, each of approx 20m long including internal plug sealing system, intake dosing supply systems, tunnel adit liners and discharge diffuser heads.

The intake GRP riser pipe transports seawater from an intake structure on the ocean floor, to a bored tunnel 20m below the ocean floor and then to the desalination plant for processing (reverse osmosis) into drinking water for Adelaide.

The six discharge risers return the salt laden filtrate or brine for dispersal to the ocean.



## *RPC Deliver First pair of discharge risers to the Adelaide Desalination Project for Adelaide Aqua*

All 7 Risers were delivered in Mid March 2010.

## Victorian Desalination Project (VDP)

On 15<sup>th</sup> January 2010 RPC Technologies received a Letter of Intent for the Victorian Desalination Plant for the design, supply and delivery of the Intake & Outlet GRP Risers. The scope includes the detail design, manufacture and delivery of a number of intake Risers and outlet Risers as well as the associated plugs and adit tunnel liners.

This latest project win together with the Perth No 1 Desalination Plant (intake and discharge piping), and the intake and discharge Risers for:

- Gold Coast Desalination Plant
- Sydney's Desalination Plant
- Adelaide Desalination Plant

represents the 5th Australian Desalination Project involving RPC Technologies.