

# COMMUNITY UPDATE – SOUTHERN SEAWATER DESALINATION PLANT

*This is the second in a regular series of articles, news and other matters of interest involving the new seawater desalination plant that will be built at Taranto Road. It complements our community newsletters and other communications.*

## Meet the new buoy in town – he's looking out for your ocean

Shortly, we will be installing a Real Time Monitoring System Marine Buoy about 800 metres off Binningup Beach.

It's bright yellow for safety, two metres high, one metre around and is anchored to the ocean floor.

This buoy is the same as three others that operate in Cockburn Sound off the Perth Seawater Desalination Plant. Installing one at Binningup now is an important step in protecting the local marine environment.

The buoy's job is to transmit information every 30 minutes on water temperature, salinity, dissolved oxygen levels, wind speed and direction.

By starting to gather this data now, four years ahead of the new desalination plant beginning operation, we will gain a very thorough understanding of Binningup's marine environment.

This will help us make sure that the plant, and in particular the ocean intake and outflow, is designed to work with the existing natural conditions to minimise any environmental impact.

At Kwinana, environmental monitoring of Cockburn Sound also began well before the desalination plant started operating. Since it began delivering water, the first year's 24/7 environmental monitoring has shown no detectable environmental impact on Cockburn Sound from desalination.

The new buoy in town is a critical tool that will help safeguard Binningup's environment.



Come and meet us at Binningup Country Club on 25 September 2007 for a project update, an opportunity to meet the project team and to ask questions about the project.

For more information, please email [desalination@watercorporation.com.au](mailto:desalination@watercorporation.com.au), phone 1 800 810 075 or write to us at PO Box 100 Leederville, WA 6902.