



15 January 2010

### **Initial results from Inner Harbour deepening monitoring now available**

The first results from the water quality monitoring program for Fremantle Port's Inner Harbour Deepening Project have been provided to the Office of the Environmental Protection Authority and Fremantle Ports and have been posted on Fremantle Ports' website:

**<http://www.fremantleports.com.au/Planning/5403.asp>**

These results relate to physical water quality parameters. The parameters are temperature, salinity, pH, turbidity, LOI, secchi depth, total suspended solids and dissolved oxygen. Additional data relating to the actual chemical analysis of the water are not yet available but are expected within the next few days.

The initial results cover the river sites agreed by the EPA and Swan River Trust including in the Inner Harbour itself, Rocky Bay and Preston Point as well as East Street Jetty as an additional location added by Fremantle Ports. The results are for the first full day of dredging on 7 January 2010.

Of the eight parameters tested at the four locations, one parameter was shown to exceed the applicable guideline at one location. The secchi depth trigger level of 1.6 metres was not met at Preston Point Beach.

All other water quality measures at the various test locations were within the guidelines.

Secchi depth is a measure of visibility within the water column, and reductions are to be expected when a plume is present.

Regular ongoing monitoring is being undertaken at the river sites and further results will be posted on our website when available.

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