

SCOPE OF SERVICES

An independent review of the risks and benefits of relocating the plant to Kemerton Industrial Park is to be undertaken on the following basis.

- Review the Water Corporation document, **Second Seawater Desalination Plant Site Alternatives and Considerations**, Compiled July 2007.
- Assess the infrastructure requirements that differentiate the proposed location at Taranto Road to those identified as representative sites within the Kemerton Industrial Park and its buffer in particular
 - The hydraulic requirements and pipe sizing
 - Pipeline routes to minimise impacts
 - Power requirements
 - Pumping requirements for the seawater delivery, drinking water delivery, and brine return.
- Develop risk profile for each site location with particular reference to all aspects of sustainability of the sites
- Develop a cost estimate that differentiates the capital expenditure and operational costs associated with each of the sites and including
 - Land costs
 - Infrastructure costs
 - Risk mitigation costs, where possible
 - Costs in out turn dollars for the completion date 2011 (50GL/a stage)

The report is to be made publicly available by the Consultant as soon as it is completed.