

“Where will our knowledge take you?”

## Murray & Serpentine Rivers Maintenance Dredging

Department of Transport



“ BMT JFA with the approval from Birds Australia and Peel Management Authority were commissioned to manage the maintenance dredging of the Murray and Serpentine. ”



The Murray and Serpentine River mouths require periodic maintenance dredging for short distances upstream of their confluence and to the mouth of rivers where they flow into the Peel Inlet.

BMT JFA Consultants (BMT JFA) were commissioned to manage the environmental approvals process, prepare tender documents and to provide full project management services.

BMT JFA proposed a long-term strategy for the Murray/ Serpentine element by using the dredge material to form an island, which could be enlarged by replenishment in future years.

The island provided additional habitat for shorebirds in the Peel-Harvey estuary which is Ramsar listed.



### BMT JFA Role

BMT JFA was involved in the following:

- Proposal of a long-term strategy for the Murray/ Serpentine River
- Obtaining support for the proposal from Birds Australia
- Obtaining approval by the Peel Management Authority following normal environmental processes
- Acting as Superintendent's Representative (AS2124)
- Responsible for the drafting of the contract documents
- Supervision of the works.

### Services & Expertise Provided

- Maintenance dredging planning and management
- Dredge disposal studies
- Environmental management
- Commercial contract drafting and management.

### Location

Peel Region, Western Australia

### Date

1999, 2003