

Murchison River Entrance Maintenance Dredging

Department of Transport



“ BMT JFA Consultants has, since 2000, undertaken the full range of project management for the works, from the drafting of the tender documents to the on-site supervision of dredging works. ”

the works, from the drafting of the tender documents to on-site supervision, as well as annual assessment of dredging requirements, on site supervision and project reporting and analysis.

BMT JFA Role

- Preparation and management of the procurement documentation and process
- Annual assessment of dredging requirements, including determination of design dredge volumes, areas and timing
- Overall project and contract management
- Day-to-day supervision of the works, including regular site visits
- Project reporting and analysis.



Annual dredging at the mouth of the Murchison River is required to provide a navigable channel for use by the commercial fishing and tourism industries based in Kalbarri. Dredge volumes vary from year to year, with an average of approximately 35,000 m³.

Typically, dredging is focussed in the entrance, however dredging works have also been carried out in other sections of the navigation channel, adjacent to public boat ramps and jetties and at the commercial fishing boat pens. Dredging in the entrance can be challenging at times, with significant infilling of dredged areas during the works.

Services Offered

- Project management
- Drafted tender documents
- On-site supervision
- Reporting & analysis.



The bulk of the dredge material is pumped to a disposal site located approximately 1,200 m north of the entrance, with a smaller amount of dredge material used for beach renourishment at Chinaman's Beach.

Renourishment of other sections of the river foreshore has also been undertaken during some campaigns.

BMT JFA has undertaken the full range of project management for

Location

Kalbarri, Western Australia.

Date

2000 - Ongoing.