



Project Data Sheet



Project

Ras Tanura Integrated Project, Saudi Arabia
New Port and Access Channel

Client

Horizon Geotechnical Company, Sharjah, UAE

Project

Horizon Geotechnical Company have been commissioned by Saudi Aramco to undertake a geotechnical investigation for proposed new berths, turning circle, approach channel and breakwaters to accept Panamax size tankers for the Ras Tanura Integrated Project in Saudi Arabia. ADBP were appointed by Horizon as specialist dredging sub-consultants to assist in their geotechnical work. ADBP undertook a dredging assessment to recommend the type of dredging equipment to be used and to determine:

- Rock excavation;
- Ease of soil excavation;
- Suitability of soils for fill to raise onshore grade level;
- Ground improvement methods for compacting hydraulic fill ashore;
- Slope stability of navigation channel;
- Navigation channel wall slope angle;
- Volume of dredged material available for re-use as fill;
- Miscellaneous associated advice and recommendations.

Dates

August to October 2009

Capital Value

N/A