



Project Data Sheet



Project
Client
Project

Sand Bay Beach Recharge

Wessex Water Authority

Wessex Water Authority proposed to acquire marine sediments to be used nourish Sand Bay beach in the county of Avon. The objective of this project was to improve coastal defences by a 'soft' engineering solution. ADBP was commissioned to examine the overall feasibility and approximate costings with regard to the outlined proposal. This analysis included:

- Examining the various physical factors that may influence the long term success of beach nourishment
- Identifying the various sources of suitable sand material, their relative merits and the typical logistics involved.
- Establishing the optimum type of dredging plant and method which may be employed and identifying the special requirements of each
- Ascertain the costing of each method of recovery and transport and typical programme times

Utilising this information the client was able to make an informed decision on how to progress. ADBP's involvement continued throughout the period of tendering, contract award and execution of the works. The heavy nature of the reclaim materials, sand, gravel and cobbles, created some difficulty for the contractor and increased cost, but provided additional benefit because the effective life of the recharged beach is greatly increased.

Dates

1983

Capital Value

Confidential