



Project Data Sheet



Project

Pembroke Power Station
Monitoring of Impacts of Dredging of Cooling Water Outfall
Channel and Intake and Ro-Ro Access Channel

Client

RWE npower

Project

The replacement power station required the re-instatement of the original Outfall and Intake Channels.

ADBP were appointed as specialist consultants to assist with license matters, prepare the dredging specification and also design and report on an appropriate monitoring regime. This required taking into account the fact that the dredging was in a Special Area of Conservation (SAC).

The monitoring undertaken was in two parts. During the works telemetric monitoring was undertaken on a variety of parameters including turbidity and noise. These levels were constantly compared to both limiting and ambient levels to establish and limit impacts from the works being undertaken. After completion of the works periodic bathymetric surveys were undertaken to establish the impacts the dredging had on the surrounding seabed topography and potentially the hydrodynamics locally.

Dates

On-going

Capital Value

N/A