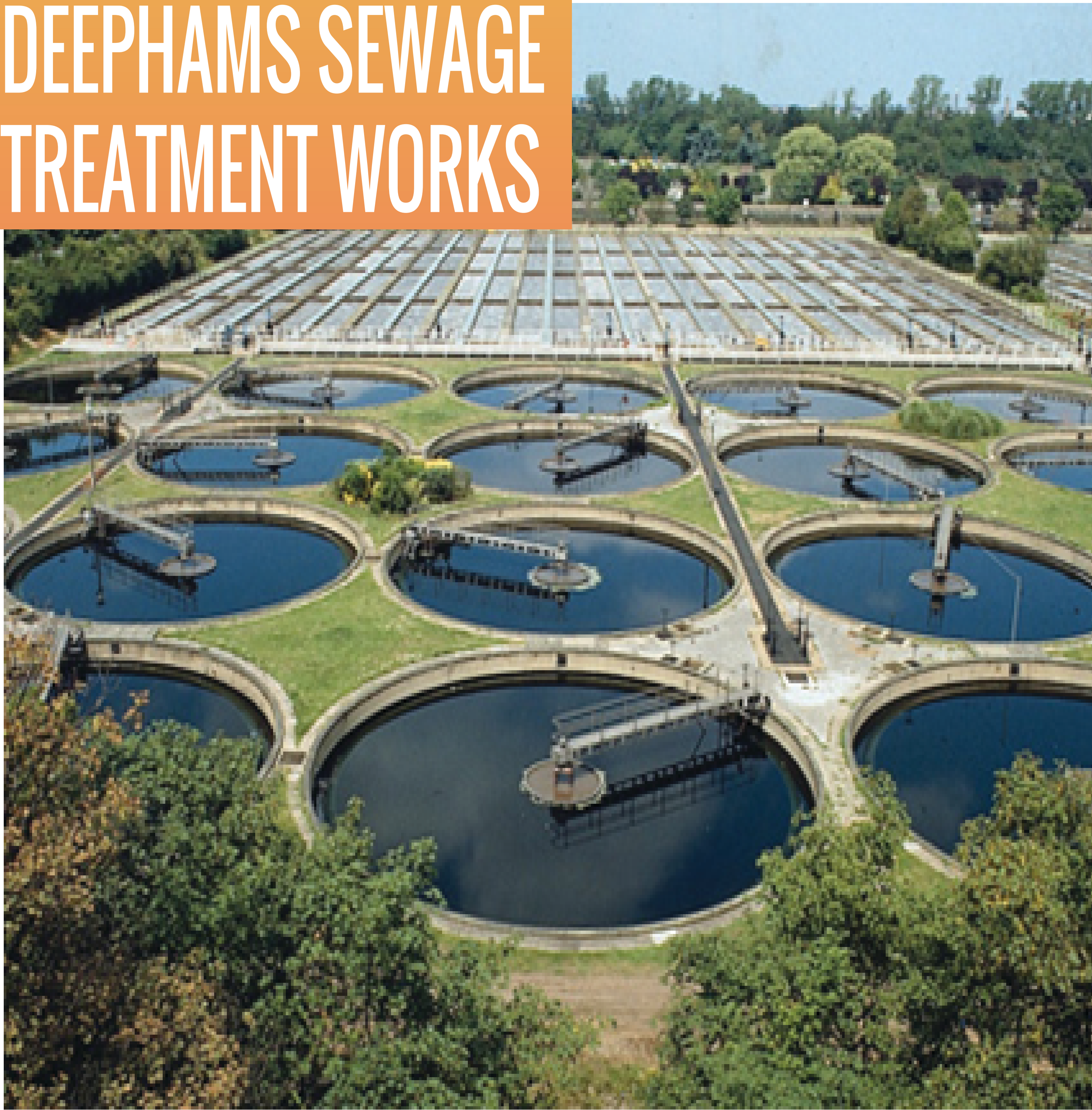


MARINE AGGREGATES IN CONSTRUCTION

DEEPHAMS SEWAGE TREATMENT WORKS



Source: Thames Water

BACKGROUND

Concrete Society award winner, Civil Engineering category 2012.

The £35 million upgrade undertaken by Thames Water Utilities consists of a dedicated new pumping station, inlet works and storm tanks.

The Deephams Sewage Treatment Works is an excellent example of concrete's versatility. The project challenged concrete technology to achieve suitable mixes and forms in varying environments, shapes and structures to enhance the plants objective of sewage treatment.

CONSTRUCTION NOTES

Various grades of concrete were supplied. High quality finish was required in specified areas.

CONSTRUCTION CATEGORY

Structural concrete, visual concrete, pre-stressed concrete

END USE CATEGORY

Built environment, water utilities

CASE STUDY 12

This case study forms part of a library of case studies demonstrating the successful use of marine aggregates in construction