

MARINE AGGREGATES IN CONSTRUCTION

THE LONDON AQUATICS CENTRE



Source: The International Paralympic Committee

BACKGROUND

The London Aquatics Centre is an indoor facility with two 50-metre (160-foot) swimming pools and a 25-metre (82-foot) diving pool in the Olympic Park at Stratford, London. It was one of the main venues of the 2012 Summer Olympics and the 2012 Summer Paralympics.

The centre was used for the swimming, diving and synchronised swimming events. After significant modification the centre is due to open to the public in 2014.

CONSTRUCTION NOTES

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

Approximately 42,000 cubic metres of ready mixed concrete was supplied between 2008 and 2012 using marine aggregate.

CONSTRUCTION CATEGORY

Structural concrete, visual concrete

END USE CATEGORY

Built environment, leisure, sport stadium

CASE STUDY 10

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