

Case Study **Southchurch Park Lake**

Marlborough, working in partnership with Southend on Sea Council, were asked to develop a long lasting an environmental solution in Southchurch Park. This project involved the construction of over 200 metres of new decking around a lake, allowing local boating and sailing groups to have easier and safer access to the water. Through careful geotechnical testing, Marlborough developed a solution using recycled materials and amphibious machinery, which let the work be undertaken efficiently, ahead of schedule, and with a minimal amount of environmental impact.

As Southchurch Park is located in a residential area, Marlborough took special care to ensure that noise pollution and disruption to nearby roads were minimised



Fact File

Client: Southend on Sea Borough Council

Dates: April - May 2018

Duration: 6 - 8 week planned programme

Project Value: £180,000

Project:

- 220 linear metres of decking surrounding a lake set in a popular park
- Using recycled plastic materials to develop a safe, and environmentally friendly solution

Challenges:

- Using different materials due to the Client not wanting to use a timber – a longer term, more environmentally friendly solution was requested
- A single access point meant deliveries of plant and equipment needed to be carefully planned (logistics)

Team:

- 4 Operatives / 1 Foreman
- 1 Overall Project Manager

Savings/Efficiencies:

- Deployed an amphibious machine which allowed us to undertake the work without damaging the waterfront grass and trees and install the piling more efficiently

Innovation at Southchurch Park

Our use of an amphibious machine allowed work to be undertaken without damage the grass and trees which surround the Lake. Furthermore, Marlborough worked closely with the Client to develop a material solution which was both cost effective and environmentally friendly.