



CANNING HALF TIDE DREDGING

Land & Water was contracted by the Canal & River Trust to develop and carry out a successful method of dredging the Canning Half Tide Dock located in the south dock system in Liverpool in order to connect the dock to the River Mersey.

The clients' success criteria was based on the following:

- 1) Dredge Canning Half tide to 1.50m above chart datum
- 2) Improve customer access and minimise risks during navigation
- 3) Allow and improve access to Liverpool South docks for key maritime events such as the Tall Ships Festival
- 4) Comply with their statutory obligations set out within their environmental appraisal

Project Delivery

- The Land & Water team faced difficulty with access and disposal options throughout the project. Working closely with the client, Land & Water submitted an application to the MMO to carry out the works utilising Cutter Suction Dredging with disposal into the River Mersey navigation. This was the most cost-effective and environmentally sustainable method.
- Different methods were considered, including the conventional back-hoe dredge and the material being hauled to a nearby landfill. However, this solution was not economically or environmentally viable.
- The project budget was circa £1.2m with 14,000m³ of material destined for landfill.
- The project was a great success and in January 2018 the MMO licence was approved due to the team's hard work and perseverance. The project was delivered under budget and all of the material was disposed of into the River Mersey.

Find us on the internet at
www.land-water.co.uk

Contact us on 0844 225 1958



Project Particulars

- Land & Water carried out Cutter Suction Dredging – the most cost-effective and environmentally sustainable method.
- Client: Canal & River Trust
- Project completed from February 2018 to March 2018



PROJECT
VALUE:

£312,000