

DON & WENT DREDGING

On behalf of the Canal & River Trust, Land & Water Services carried out dredging operations at two locations where aqueducts carry the New Junction Canal over the rivers Don and Went.

Project Delivery

- Prior to the works commencing, the agreed disposal site was approved by the Canal & River Trust's ecologist and the entire disposal area was cleared of all vegetation before any dredging activities could take place.
- Dredging was required to the upstream, downstream and underneath of the aqueduct structures. Land & Water Services mobilised into the water at Goole Docks and travelled to the working site via the Aire and Calder Canal.
- Access to both locations was limited. Land & Water Services' solution was to carry out the work using a combination of amphibious excavators, long reach excavators and lightweight tugs and hopper barges. These were easy to mobilise in the remote locations as no lifting operations were required.
- Land & Water Services utilised a 9-tonne amphibious excavator to dredge to the required profile by working in a progressive manner from a point at right angles. The machine was fitted with side pods complete with spud legs and a purpose-built dipper arm extension to enable it to clear material from underneath the structures.
- Sediment from either side and underneath the aqueduct was removed from the river via a 20-tonne long reach excavator and loaded into hopper barges on the canal. This was then transported a short distance to meet a second 20-tonne long reach. The material was then transferred from the barge into specially constructed lagoons situated next to the canal owned by the Canal & River Trust.
- In total over one thousand tonnes of material was dredged from both locations to improve navigation.

Find us on the internet at

www.land-water.co.uk

Contact us on 0844 225 1958



Project Particulars

- Client: Canal & River Trust
- April 2018 – July 2018



PROJECT
VALUE: **£240,000**