

WAPPING POLICE STATION PONTOON

Land & Water Services (LAWS) successfully tendered this project which was awarded under the JCT D&B 2016 Form of Contract.

Maintenance dredging works had been identified as urgent to around and under the pontoon at Wapping Marine Police Station located on the River Thames in the District of Tower Hamlets, London to ensure unrestricted launch of vessels. The works carried out followed licensing from Port of London & MMO, with pre, interim and post dredge surveys being used to identify existing and removed material which was predominantly sandy but containing debris.

The dredged areas were divided into sections at tender planning stage to allow for a combination of dredging methods that would be needed to access all areas around and under the pontoon which needed to always be available for policing of the River Thames so remained open throughout the dredging operations.

Upstream end of pontoon and under the pontoon - on the upstream end of the pontoon a plough attachment was used. This was then modified to gain access to material under the pontoon and finally conventional backhoe equipment in the form of a floating 22m long reach fitted with a 3D dig system to facilitate and ensure accuracy of the dig then removed material from the front and upstream rear of the pontoon.

Rear downstream and front of the pontoon - the bathymetric survey showed high areas which were ploughed and dredged to level. Mid-section of the pontoon - to access this area a plough anchor was deployed with material being transferred from the rear to the front for recovery by the backhoe.

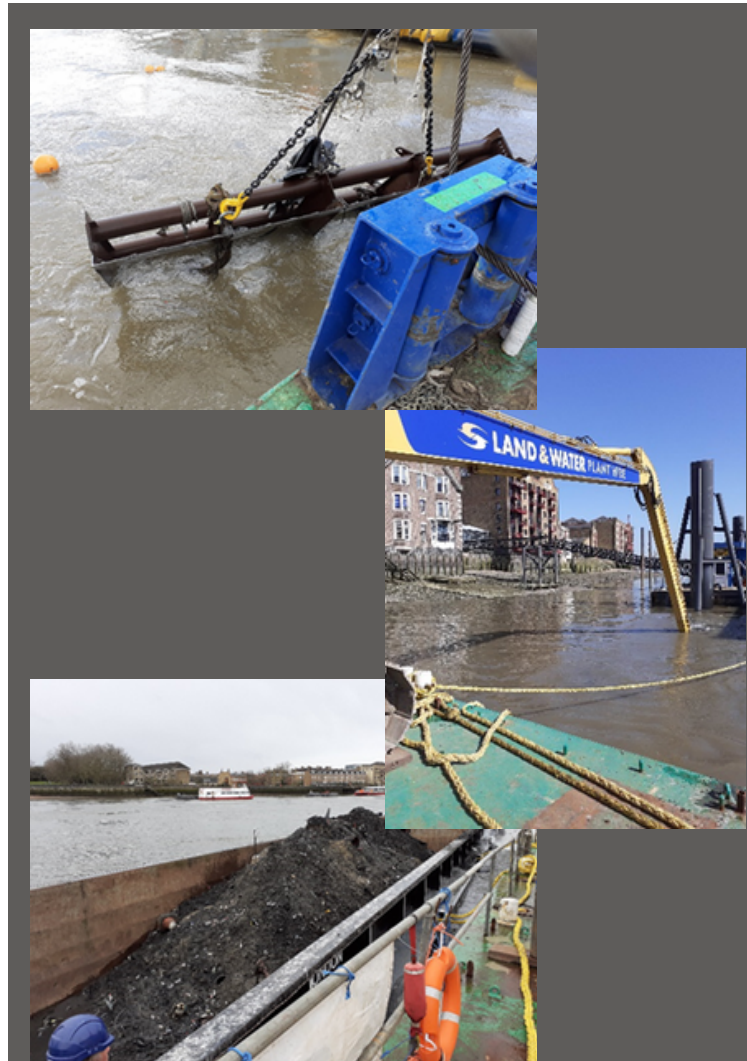
Material was classed as non-hazardous and placed into awaiting hopper barges. These were then towed downstream to Land & Water's sister company's facility at Rainham Marsh Lagoons for use within its habitat creation project in Essex.

Finally, reinstated the existing mooring anchors and chains.

Find us on the internet at

www.land-water.co.uk

Contact us on 0844 225 1958



Project Particulars

Client: Coniston Limited (For Metropolitan Police)

March - April 2021



PROJECT

VALUE: £292,000