

DOCKLANDS WHARF DREDGE

Capital dredging was required to deepen, widen and extend the existing berth owned by S. Norton at Docklands, London to allow longer tidal access to the site. The tender process won by Land & Water Services (LAWS) was run by marine consultant Anthony D. Bates Partnership.

Mobilisation took place at King George V dock on the River Thames. A flat top pontoon with rise and fall spud legs was loaded with a Land & Water 35t long reach excavator fitted with a 3D dig system, 50t telescopic crawler crane (to lift legs) and welfare facilities for operational staff.

Due to licencing restrictions operations could only be undertaken for 2 hours either side of high water which meant working 2 tides to meet the required programme. A shift pattern for staff was devised to mitigate fatigue with monitoring regimes to protect the welfare of the workforce.

The pontoon was then towed by a tug and in accordance with Port of London Authority (PLA) navigational requirements to the work site at Docklands where 8750m³ of material was removed from the berth and loaded into barges for towage to Rainham habitat creation facility where it was unloaded at the Coldharbour Harbour jetty, operated and owned by Land & Water Remediation.



Project Particulars

Client: S.Norton & Company Ltd
August- October 2022



PROJECT VALUE: **£530,500**