

TMS Maritime is a leading UK specialist in marine civil engineering, ancillary floating plant and diving services

Client: London Waste EcoPark
Project: Salmon's Brook Remediation

Duration: 10 weeks
Project Value: £310,938

Requirement:

Salmon's Brook is a historical and well known stream flowing east to west through Lower Edmonton, named on Rocque's map of 1754. The brook rises in Enfield Chase, is culverted at Edmonton Green and flows under the North Circular Road before merging with Pymmes Brook.

Salmon's Brook has been associated in the past with significant flooding both historically and more recently back in October 2000.

In recent years, scour has resulted in the river bank failing, with bank material falling into the river and this therefore required remediation.

Solution:



London Waste awarded the contract to TMS as the Main Contractor, due to their wealth of experience in both marine and riparian settings. TMS were required to provide both temporary works, requiring an Environmental Permit, and permanent works (under a pre-existing Flood Defence Consent from the Environment Agency). All works were undertaken with strict adherence to the TMS Environmental Management Plan devised for this project.

The works involved the installation of sheet piles using a 35t Movax with a side grip pile driver, followed by the installation of 125 metres of rock-filled gabion baskets. Following installation of the gabion baskets, the temporary works were withdrawn, the river bank was reprofiled using Geomat erosion control and the works were returned to the Client.

During the works, complications arose when an undisclosed asbestos pipe was unearthed, running the full length of the proposed temporary pile line. Specialist contractors were brought in to dispose of the asbestos material and the temporary works were installed without any risk to the environment.



T: +44(0)1626-866066 E: info@tmsmaritime.co.uk www.tmsmaritime.co.uk