

GOLDERS HILL POND DESILTING

The project was to desilt three 'ponds' within the Golder's Hill Park, part of Hampstead Heath, one of London's most popular open spaces. It is also a formal landscape with each pond having its own specific requirements and public interface, being adjacent to residential buildings, a zoo, tennis courts and a children's playground. Therefore, public safety was paramount throughout this project. Land & Water tendered the work preparing mitigating solutions to minimise disruption at each site.

Due to the high level of organic material within the ponds L&W ruled out pumping as a suitable solution to removing the material.

At Lily Pond the water levels were lowered using a 4" pump and because the localised banks were not suitable for re-use of material, we built a stone access ramp using a 3T low ground pressure (amphibious) long reach excavator. Silt was managed to the bankside where a 7T machine transferred it to waiting tracked dumpers.

At Water Garden Pond, prior to the works taking place at this location, the pond was drained down to allow for the silt to dry out. Access was challenging but material was reused in-situ to create new banks using Nicospan revetments placing material behind. Our low ground pressure amphibious long reach machines were ideal in this situation minimising any damage and allowing us to work safely in this water environment.

At Swan Pond, this was firstly drained down with the same amphibious long reach equipment which was also ideal to undertake Nicospan revetments and removal of silt to banks side where a 20T long reach loaded into waiting trucks and transported for disposal at our site at Rainham Marshes.

Find us on the internet at
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Project Particulars

Client: City of London
September - November 2021



PROJECT
VALUE: £186,680.00