

HAMPSTEAD HEATH

The City of London Borough Council needed to improve the water quality of the Mixed Bathing, Swan, Lily and Water Gardens ponds within Hampstead Heath. Not only this, it was imperative that the surrounding environment was sympathetically enhanced whilst local biodiversity was preserved throughout the project.

Project Delivery

- As an open, public space, it was imperative that strict management and health and safety protocols were in place. Land & Water ensured that environmental protection measures were employed. Additionally, footpath diversions and re-instatement of the work area was carried out.
- A key consideration for the client was to maintain water levels in order to prevent the Heath's dam collapsing and risking a flood if poor weather conditions arose. Initially the client elected to pump material from the lakes in order to maintain this water level. However, due to leaf matter in Lily Pond, this method was not effective. Land & Water overcame this challenge by carrying out a conventional 'dig' operation.
- Land & Water constructed marginal revetments to reshape and restore banks that had become eroded with some of the dredged arisings being re-used behind these.
- Land & Water adapted its equipment to suit the individual requirements of each pond. This included the use of Land & Water's WK90 (9-tonne) amphibious excavator fitted with stability side pods as well as a pontoon mounted 7-tonne long reach excavator.
- Land & Water loaded arisings into hoppers, which were then transferred into land based hoppers to settle. Periodically water was decanted and returned to the lake. Once full, the hoppers were unloaded by a 20-tonne long reach excavator directly into sealed tipper lorries for transportation to Land & Water's disposal site at Rainham, Essex, to be used in its habitat creation scheme.

Find us on the internet at
www.land-water.co.uk
Contact us on 0844 225 1958



Project Particulars

- Client: City of London Borough Council
- February 2018 – May 2018



PROJECT
VALUE: **£172,000**