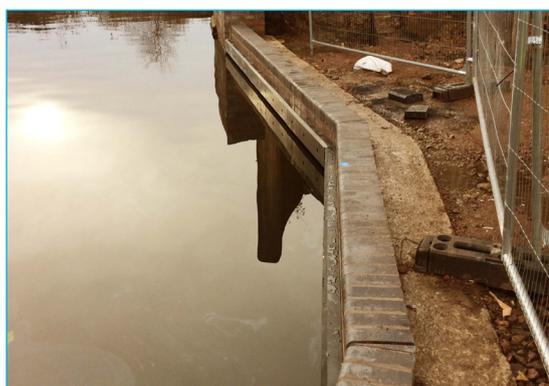




Limpet dam installed & sheet piling works



Canal wall restoration



Site progress



Spillway progress

CPUK Civils and Remediation awarded Port Loop Phase 1 – Design, construction and completion of civil engineering works in preparation to provide a plateau to the developer for a significant residential development in Birmingham city centre.

Programme comprising of demolition, site remediation of contaminated soils, canal wall improvements and restoration followed by drainage connection and completion with section 278 works.

Works began with ground testing and canal wall inspections, followed by the site vegetation clearance, in order to install the limpet dam in the canal.

CPUK designed and installed a new canal wall system throughout the full length of the site, replacing what was the oldest canal section in the UK, constructed in 1772. In addition to this, the whole site some 64,000 sq m, has been remediated and reconstructed to a 3m depth with provision of a minimum of 1m clean cap for residential contractor works to commence.

There was a race against time to get all existing services removed and diverted and hand over phase 1a in the first 10 weeks of the programme.

The site works were preceded with 10 weeks planning in achieving EA and EHO approval of site specific Mobile Treatment Licence (MTL), a remediation strategy agreed with regulators based on a 100% soil re-use strategy and agreement of final levels with the follow on contractor.

The works, based on the CPUK design and build option from tender, were delivered in partnership with BWB Birmingham office.

Key Elements

- City centre development
- Renewal of canal wall including sheet piling
- EHO & EA approved remediation strategy and MTL all based on soils re-use strategy
- Early agreement with EHO, EA, client and Canal and River Trust (CRT)



Remediation completion