

Construction Method Statement

Project Description and Scope

Install 3m of 3m Tata L8 galvanized trench sheets will be driven using our 60ft x 12ft self-powered crane barge with vibro hammer where possible. No other machinery will be needed apart from hand powered tools as needed.

Between fingers install 3m Tata L8 galvanized trench sheets to normal summertime water level.

The first finger mooring on the upstream end will be fitted to the higher-level piles. The other jetties will be fixed to three L8 sheet piles driven at the back edge of the gradient. This will prevent erosion from under the walkway, the ground will then be graded to suit, following the latest drawing.

Excavate the area and bring it back in line with the existing bank edge which is currently running along the bank side of the existing jetties with an excavator from the bank. The spoil will be taken off site by grab lorries.

To build three finger moorings 6m long and 60cm wide, with hardwood decking.

Drive 2 piles from barge. The fingers will be constructed and fabricated on site using a small welder generator, this will be stored on spill mats 10m away from watercourse, welding using stick Arc no gas.

Coir rolls will be fitted so they are half in the water and half out at summer water level. They will be wired onto the sheet piles below them. The graded bank will be planted so the root mass can take hold and stabilize the bank.

Environmental Management Structure

- River and Canal would be responsible for the Environmental Environment structure and have submitted their own risk assessment (Attached)

Legislative Compliance

- Environment Agency Permit EPR/RB3399JC permit granted.





Pollution Prevention and Mitigation

1. Construction hours will be between, 8am to 4pm Monday to Friday. No work on Saturday or Sundays.
2. Noise and vibration controls will be controlled by ensuring all equipment is regularly serviced and maintained. The works does include sheet piling and soil removal which will be conducted between 8am – 4pm Monday to Friday so to reduce the effect on neighbours and Mooring holders.
3. Dust suppression measures, We do not see an issue with dust as the area is adjacent to the Hennerton back water and the soil will be damp below the top surface. The material being dug will only sit for a short term on the hard standing and taken away by grab lorries. If dust does become an issue, we will instigate a sprinkler system to dampen down the soil.
4. Spill prevention and response procedures.
 - All equipment used on site is filled with bio-degradable oil away from the waters edge.
 - All refuelling will be carried out from a bunded fuel tank.
 - Spill kits will be kept on site, adjacent to the works being completed
 - Any substances which come under COSHH will have separate assessments carried out, Stored in the correct lockers, with Data sheets.

Site Management and Layout

- Traffic Management: Vehicle access from the A321 down Willow lane and into the marina. An area adjacent to the works will be cordoned off for contractor parking.
- The grab lorries will collect soil deposited a minimum of 5m from the waters edge on a regular basis. If the soil is damp and causing mud the grab lorries will be jet washed before leaving the marina.
- Excavated soil will be stored a minimum of 5m from the waters edge and collected on a regular basis so not to intrude outside of the working area.

Fencing will be installed around the works area to prevent access 24/7. The contractors will act as Banksman for the grab lorries when collecting the soil.



- **Environmental Protection Measures:**

- **Biodiversity/Ecology:**

- The work will not be carried out during spawning season between 15th March to 15th June.
 - There are no protected or valuable species on this site.
 - There are no trees within the area to protect.

- **Archaeology/Cultural Heritage:**

On discovery of something archaeological, cultural we will,

- **Stop Work:** Upon discovering a potential artifact, especially in a previously undisturbed area, stop work in the immediate vicinity.
 - **Secure the Area:** Ensure the site is secure from theft and further damage.
 - **Report the Find:** Notify the site manager, owner, or landowner, and immediately report the find to a designated archaeologist, local Finds Liaison Officer (FLO), or the Historic Environment Record (HER).

- **Emergency Response:**

- Any substances which come under COSHH will have separate risk assessments carried out.
 - All refuelling will be done away from the water's edge.
 - Biodiesel will be used in the contractor's equipment.
 - A silt net will be installed to prevent silt migrating further downstream.