Taking care of your environment

**Grouting & Sheet Pile Installation**

**Grouting**

* + Specialist sub-contractor engaged to install compact grouting around pipes to help prevent settlement.
  + Grouting is to reduce water ingress around a cofferdam to allow us to build the new chambers.

**Sheet Pile Installation**

* + Sheets will be installed one-by-one, using a still worker (a vibrationless system) to carefully push them into the ground with the use of hydraulics. The decision was taken to use the still worker to try and minimise noise and vibration as much as possible during this phase of the construction.
  + A crane will feed the piles into the still worker.
  + An impact hammer will be required for obstructions or to break friction between joins. This will only be used as and when required and using low impact.

A crane on the side of a river

Description automatically generated