



# Application for Development Consent

Application Reference Number: WWO10001

## Examining Authority's Second Written Round of Questions and Requests for Information Response from Thames Water

**Code of Construction Practice Part B: Site Specific Requirements  
- Heathwall Pumping Station (Revised 13 January 2014)**

Doc Ref: **APP72.13**





# Code of Construction Practice Part B: Site-specific requirements

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## Heathwall Pumping Station

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# Thames Tideway Tunnel

## Code of Construction Practice Part B

### Heathwall Pumping Station

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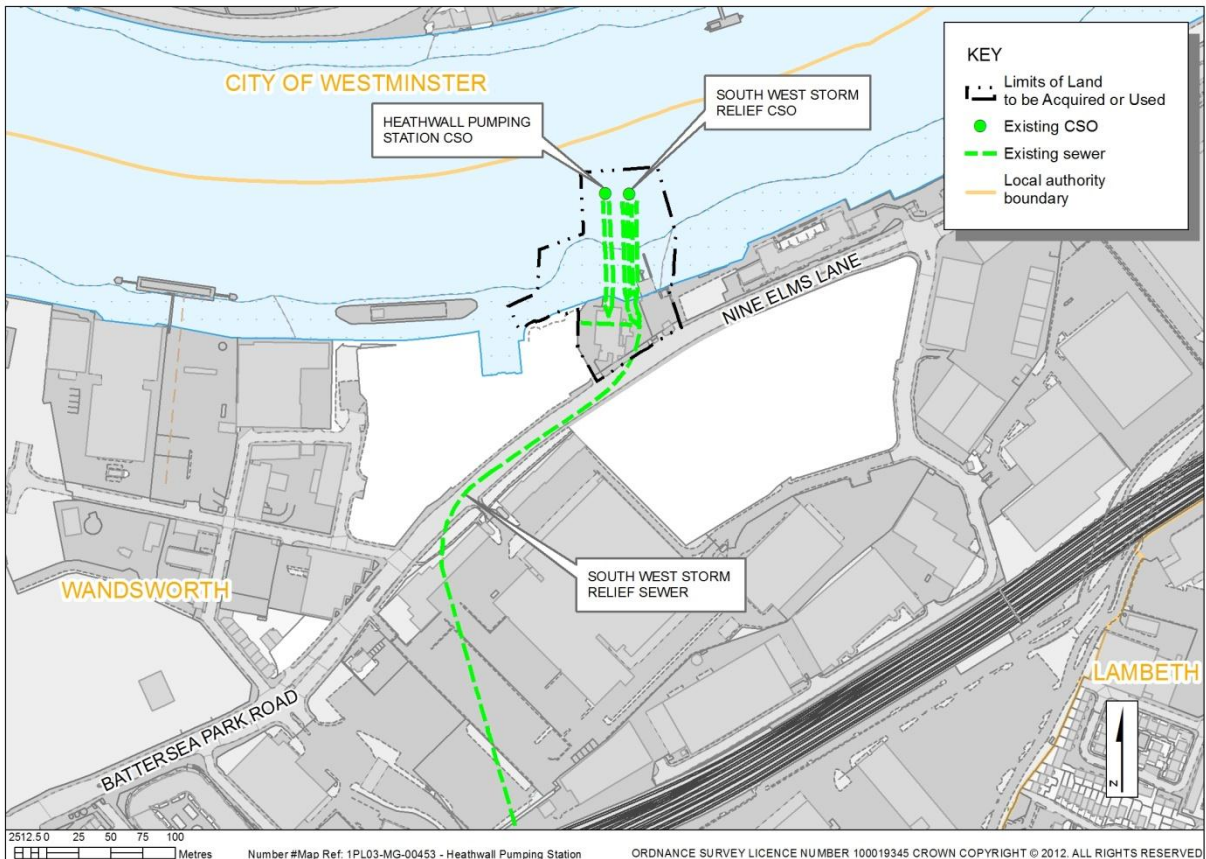
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# 1 Heathwall Pumping Station

## 1.1 General

- 1.1.1 All works covered within this document are to be managed and performed to the culture within the Thames Tideway Tunnel vision of 'Zero Incidents, Zero Harm, Zero Compromise'.
- 1.1.2 The *Code of Construction Practice (CoCP)* comprises two parts:
- a. Part A: General requirements. These measures are applicable project-wide.
  - b. Part B: Site-specific requirements. These are site-specific measures, where there are deviations from the general requirements indicated in Part A.
- 1.1.1 This document comprises the *CoCP* Part B for the Thames Tideway Tunnel project works at Heathwall Pumping Station site and identifies the detailed site-specific measures including working hours, site set up and servicing arrangements, taking into account the environmental issues and consultations with the London Borough of Wandsworth and other stakeholders.
- 1.1.2 For ease of reference the *CoCP* Part B mirrors the headings in Part A. The *CoCP* Part B sets out site-specific issues and deviations from Part A so where there are no site-specific measures reference should be made to the measures set out in Part A.
- 1.1.3 A plan showing the location of the site is shown in Figure 1.1 below.

**Figure 1.1 Heathwall Pumping Station: Site context and location plan**



Note: For detailed Limits of Land to be Acquired or Used, refer to drawings in the Book of Plans.

## 2 General requirements

2.1.1 As per text in CoCP Part A.

## 3 Communications and community/stakeholder liaison

3.1.1 As per text in CoCP Part A.

## 4 Site operation

Topic	Site-specific requirement
Working hours	This site shall adhere to the following working hours: <ol style="list-style-type: none"> <li>a. standard</li> <li>b. continuous for duration of the Heathwall/SWSR connection tunnel construction</li> </ol>

Topic	Site-specific requirement
	When other types of working hours ( <i>CoCP</i> Part A, Table 4.1) are required, these shall be subject to agreement with the local authority through the Section 61 process.
Site layout	As per text in <i>CoCP</i> Part A.
Site security / hoarding requirements	The hoarding is to be as defined in <i>CoCP</i> Part A para. 4.3.4a incorporating suitable art work on public facing sections.
River works	As per text in <i>CoCP</i> Part A.
Other items	A site-specific lighting plan is required. The lighting shall address the impact on terrestrial and aquatic ecology and include the use of low level directional lighting where possible whilst meeting safe work requirements.

## 5 Public access, highway and river transport

Topic	Site-specific requirement
Site access and gates	<p>The site access shall be located as the existing access to the pumping station, and one of the existing accesses to the adjacent Middle Wharf.</p> <p>The contractor is required to put measures into place to prevent vehicles halting on Nine Elms Lane when entering the site. This shall include the vehicle notifying the site in advance to ensure that the entrance gate is open, locating the security barrier at a distance within the site and use of a traffic marshal.</p> <p>For general construction vehicle access, no reversing to/from the site onto Nine Elms Lane is allowed. Thames Water operations shall require 'business as usual' access to the pumping station.</p> <p>Pedestrian access shall be maintained to and from Battersea Barge during construction, including during its temporary relocation.</p>
Traffic management	<p>Access to the site is from the west with left turn into the site from Nine Elms Lane (A3035). Egress from the site shall be left turn out travelling east towards Vauxhall.</p> <p>Both receiving areas for vehicles within the site are constrained. The contractor shall take account of the restrictions and take measures to address the requirement not to reverse onto Nine Elms Lane,</p>



Topic	Site-specific requirement
	<p>which may include:</p> <ul style="list-style-type: none"> <li>a. Restricting the size of allowable vehicles to 7.5t Gross Vehicle Weight at the western access</li> <li>b. Installing a turntable facility.</li> <li>c. Restricting the size of allowable vehicles to 18t Gross Vehicle Weight at the eastern access</li> <li>d. Installing a 'hammerhead' turning area</li> <li>e. Collapsible hoarding at the western site turning area to accommodate the vehicle overhang.</li> <li>f. Provision of qualified traffic marshals at both accesses and both turning points.</li> </ul> <p>Signage, safe crossing points, and other required measures shall be provided for pedestrians and cyclists at site accesses to address the potential hazards.</p>
Event restrictions	As per text in <i>CoCP</i> Part A.
River transport	As per text in <i>CoCP</i> Part A.

## 6 Noise and vibration

Topic	Site-specific requirement
Control measures	<p>2.4m noise barrier on edges of temporary cofferdam.</p> <p>Compaction of material on site shall be undertaken using machinery generating the lowest practicable vibration levels which still enables the required level of compaction to be completed. Specifically, the use of large twin-drum vibrating rollers shall only occur on occasions where vibration levels can be controlled to less than the impact criteria.</p> <p>The loading and unloading of barges shall only be carried out during standard working hours</p> <p>Low noise and vibration piling methods will be used unless determined to be impossible. The first 'anchor' piles will need to be installed using a vibratory driver. These anchor piles will be installed at a location away from the closest sensitive receptors including Riverlight Block F.</p>
Other	As per text in <i>CoCP</i> Part A.

## 7 Air quality

Topic	Site-specific requirement
Vehicle and plant emissions	As per text in <i>CoCP</i> Part A.
Dust emissions/control	As per text in <i>CoCP</i> Part A.
Odour	As per text in <i>CoCP</i> Part A.
Other	As per text in <i>CoCP</i> Part A.

## 8 Water resources

Topic	Site-specific requirement
Control of pollution: surface water / groundwater	All hardstanding (as far as reasonably practicable) on non-foreshore sites to incorporate permeable surfacing.
Control on abstraction	As per text in <i>CoCP</i> Part A.
Ground treatment	As per text in <i>CoCP</i> Part A.
Other	As per text in <i>CoCP</i> Part A.

## 9 Land quality

Topic	Site-specific requirement
Site works	As per text in <i>CoCP</i> Part A.
Site-specific issues / mitigation	As per text in <i>CoCP</i> Part A.

## 10 Waste management and resource use

Topic	Site-specific requirement
Excavated material	As per text in <i>CoCP</i> Part A.
Resource usage	As per text in <i>CoCP</i> Part A.
Other	As per text in <i>CoCP</i> Part A.

## 11 Ecology (aquatic and terrestrial)

Topic	Site-specific requirement
Protection of habitats	Membrane to be installed between the river bed and temporary back fill material to prevent contamination of juvenile fish habitat.

Topic	Site-specific requirement
	Areas of foreshore used for temporary works shall be restored to similar condition and material as was present prior to the works.
Protection of trees	As per text in <i>CoCP</i> Part A.
Other	As per text in <i>CoCP</i> Part A.

## 12 Historic environment

Topic	Site-specific requirement
Other	During construction of the new river wall including any in-river activities, the Contractor's method for the river works shall minimise the risk of impact on the known Saxon fish trap located on the foreshore outside of the northeastern corner of the site, by selecting suitable river plant and operating procedures.

## 13 Other

Topic	Site-specific requirement
Other	As per text in <i>CoCP</i> Part A.

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