

**Thames Tideway Tunnel**  
Thames Water Utilities Limited



# Application for Development Consent

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## Code of Construction Practice Part B: Site Specific Requirements Heathwall Pumping Station - Revised 3 March 2014

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**Thames  
Tideway Tunnel**



Creating a cleaner, healthier River Thames



# 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

#### List of contents

	Page number
1 Introduction .....	1
2 General requirements .....	2
3 Communications and community/stakeholder liaison .....	2
4 Site operation .....	2
5 Public access, highway and river transport .....	3
6 Noise and vibration .....	4
7 Air quality.....	5
8 Water resources .....	5
9 Land quality .....	5
10 Waste management and resource use .....	6
11 Ecology (aquatic and terrestrial) .....	6
12 Historic environment .....	6
13 Other .....	6

#### List of figures

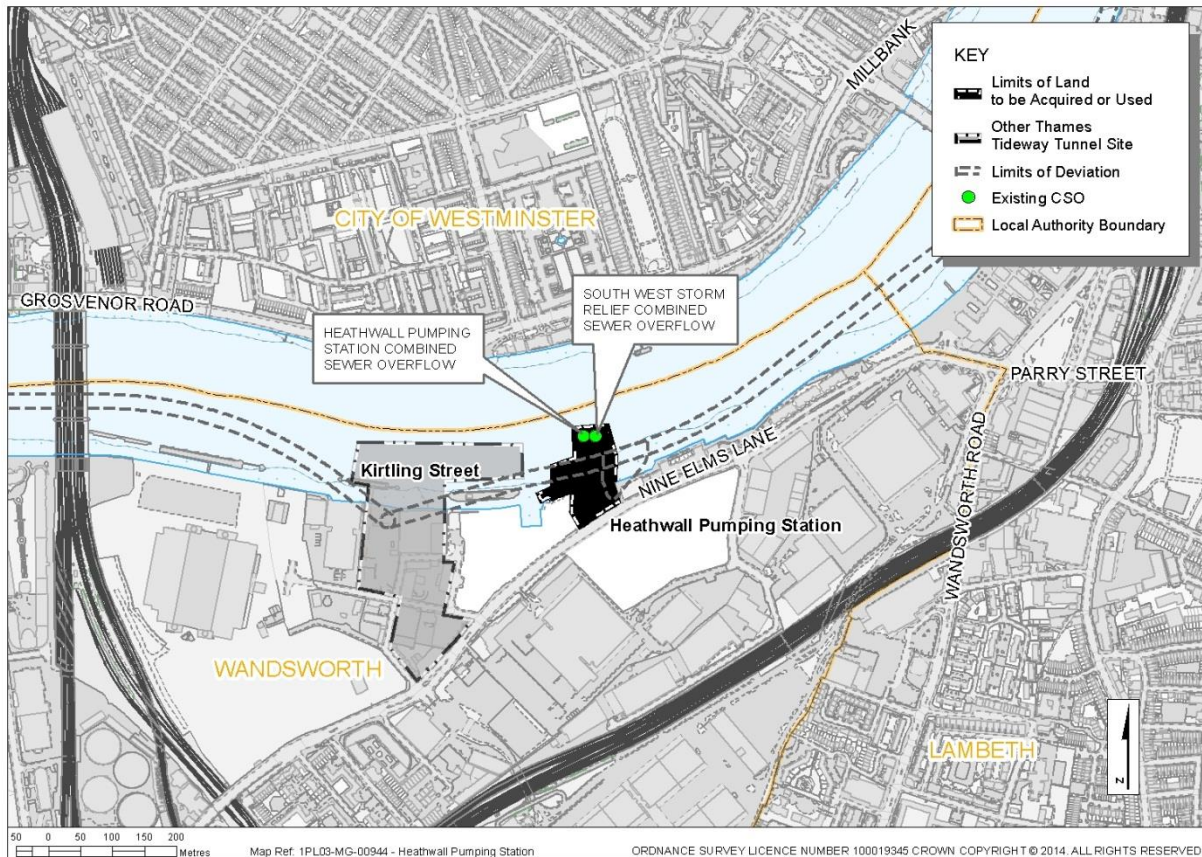
	Page number
Figure 1.1 Heathwall Pumping Station: Site context and location plan .....	2

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## 1 Introduction

- 1.1.1 All works described in this document are to be managed and performed to meet the health and safety vision of 'Zero Incidents, Zero Harm, Zero Compromise' for the Thames Tideway Tunnel project (the 'project').
- 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 deviations from the general requirements are indicated in Part A.
- 1.1.1 This document forms the *CoCP* Part B for the project works at the Heathwall Pumping Station site and sets out detailed site-specific measures including working hours, site set-up and servicing arrangements, taking into account environmental matters and consultations with the London Borough of Wandsworth and other stakeholders.
- 1.1.2 For ease of reference, this document sets out site-specific issues and deviations from Part A; therefore where no site-specific measures are specified, reference should be made to Part A.
- 1.1.3 A plan showing the location of the site is shown in Figure 1.1 overleaf.

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



## 2 General requirements

2.1.1 As per the CoCP Part A.

## 3 Communications and community/stakeholder liaison

3.1.1 As per the CoCP Part A.

## 4 Site operation

Topic	Site-specific requirement
Working hours	<p>The following working hours shall apply to this site:</p> <ul style="list-style-type: none"> <li>a. standard</li> <li>b. continuous during construction of the Heathwall/South West Storm Relief connection tunnel.</li> </ul> <p>When other types of working hours (CoCP Part A, Table 4.1) are required, these shall be subject to consent from the local authority under Section 61 of</p>

Topic	Site-specific requirement
	the Control of Pollution Act 1974.
Site layout	As per the <i>CoCP</i> Part A.
Site security / hoarding requirements	The hoarding shall incorporate suitable art work on public-facing sections, as defined in <i>CoCP</i> Part A para. 4.3.4a.
River works	As per the <i>CoCP</i> Part A.
Other items	The contractor shall produce a site-specific lighting management plan. The lighting scheme shall address impacts on terrestrial and aquatic ecology and include the use of low level directional lighting, where possible, while providing safe working conditions.

## 5 Public access, highway and river transport

Topic	Site-specific requirement
Site access and gates	<p>The site accesses shall be the existing access to the pumping station and one of the existing accesses to the adjacent Middle Wharf.</p> <p>The contractor shall put measures in place to prevent vehicles stopping on Nine Elms Lane when entering the site. The drivers shall notify the site traffic marshal in advance to ensure that the entrance gate is open. The security barrier shall be positioned at the entrance to the site access road to enable a standard rigid tipper vehicle to sit wholly off Nine Elms Lane.</p> <p>For general construction vehicle access, no reversing to/from the site onto Nine Elms Lane shall be permitted. Thames Water 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>Entry to the site shall be from the west with left turn in from Nine Elms Lane (A3035). Exit 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 implement measures to address the requirement not to reverse onto Nine Elms Lane, which may include:</p> <ol style="list-style-type: none"> <li>a. restricting the size of allowable vehicles to 7.5</li> </ol>



Topic	Site-specific requirement
	<p>tonnes gross vehicle weight at the western access</p> <p>b. installing a turntable facility</p> <p>c. restricting the size of allowable vehicles to 18 tonnes gross vehicle weight at the eastern access</p> <p>d. installing a ‘hammerhead’ turning area</p> <p>e. installing collapsible hoarding at the western turning area to accommodate vehicle overhangs</p> <p>f. providing qualified traffic marshals at both accesses and turning points.</p> <p>Signage, safe crossing points and other required measures shall be provided for pedestrians and cyclists at site accesses to address potential hazards.</p>
Event restrictions	As per the <i>CoCP</i> Part A.
River transport	As per the <i>CoCP</i> Part A.
Other	N/A

## 6 Noise and vibration

Topic	Site-specific requirement
<p>Control measures</p> <p>The noise and vibration control measures shall be detailed (and may be modified or added to) in Section 61 consent applications to the local authority.</p>	<p>A 2.4m noise barrier shall be installed on the edges of the temporary cofferdam.</p> <p>Barges shall only be loaded and unloaded during standard working hours</p> <p>Except for the anchor piles, the contractor shall construct the cofferdam using push piling unless this is determined to be impossible. These anchor piles will be installed at a location away from the closest sensitive receptors, including Block F of the Riverlight development.</p> <p>Where push piling is determined to be impossible, this shall be demonstrated by the contractor who shall make an application to the local authority to use an alternative piling method through the Section 61 dispensation process (see Appendix A, Section A.1 in the <i>CoCP</i> Part A) or through contingency measures and arrangements if included in the original Section 61 consent.</p> <p>All static plant shall be screened or enclosed.</p>

Topic	Site-specific requirement
	<p>Movement of vehicles on-site shall be restricted outside of standard hours.</p> <p>Material onsite shall be compacted using machinery that generates the lowest practicable vibration levels that can achieve the required level of compaction. Specifically, large twin-drum vibrating rollers shall only be used when vibration levels can be controlled to less than the impact criteria set in the <i>Environmental Statement</i>, Vol 15: Heathwall Pumping Station, Tables 9.5.3 and 9.5.4.</p>
Other	N/A

## 7 Air quality

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

## 8 Water resources

Topic	Site-specific requirement
Control of pollution: surface water / groundwater	All temporary hardstanding (as far as reasonably practicable) on non-foreshore areas of the site shall incorporate permeable surfacing (Sustainable Drainage Systems/flood risk alleviation).
Control on abstraction	As per the <i>CoCP</i> Part A.
Ground treatment	As per the <i>CoCP</i> Part A.
Other	N/A

## 9 Land quality

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

## 10 Waste management and resource use

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

## 11 Ecology (aquatic and terrestrial)

Topic	Site-specific requirement
Protection of habitats	<p>A membrane shall be installed between the riverbed and any temporary back fill material to prevent contamination of juvenile fish habitat.</p> <p>Areas of foreshore used for temporary works shall be restored to a similar condition with similar materials as prior to the works.</p>
Protection of trees	As per the <i>CoCP</i> Part A.
Other	N/A

## 12 Historic environment

Topic	Site-specific requirement
Other	For construction of the new river wall, including any in-river activities, the contractor shall select a method of working that utilises suitable river plant and operating procedures in order to minimise the risk of impacts on the known Saxon fish trap located on the foreshore outside the northeastern corner of the site.

## 13 Other

Topic	Site-specific requirement
Other	N/A

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