

**Thames Tideway Tunnel**  
Thames Water Utilities Limited



# Application for Development Consent

Application Reference Number: WWO10001

## Code of Construction Practice Part B: Site Specific Requirements

**Victoria Embankment Foreshore - 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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**Victoria Embankment Foreshore**

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# Thames Tideway Tunnel

## Code of Construction Practice Part B Victoria Embankment Foreshore

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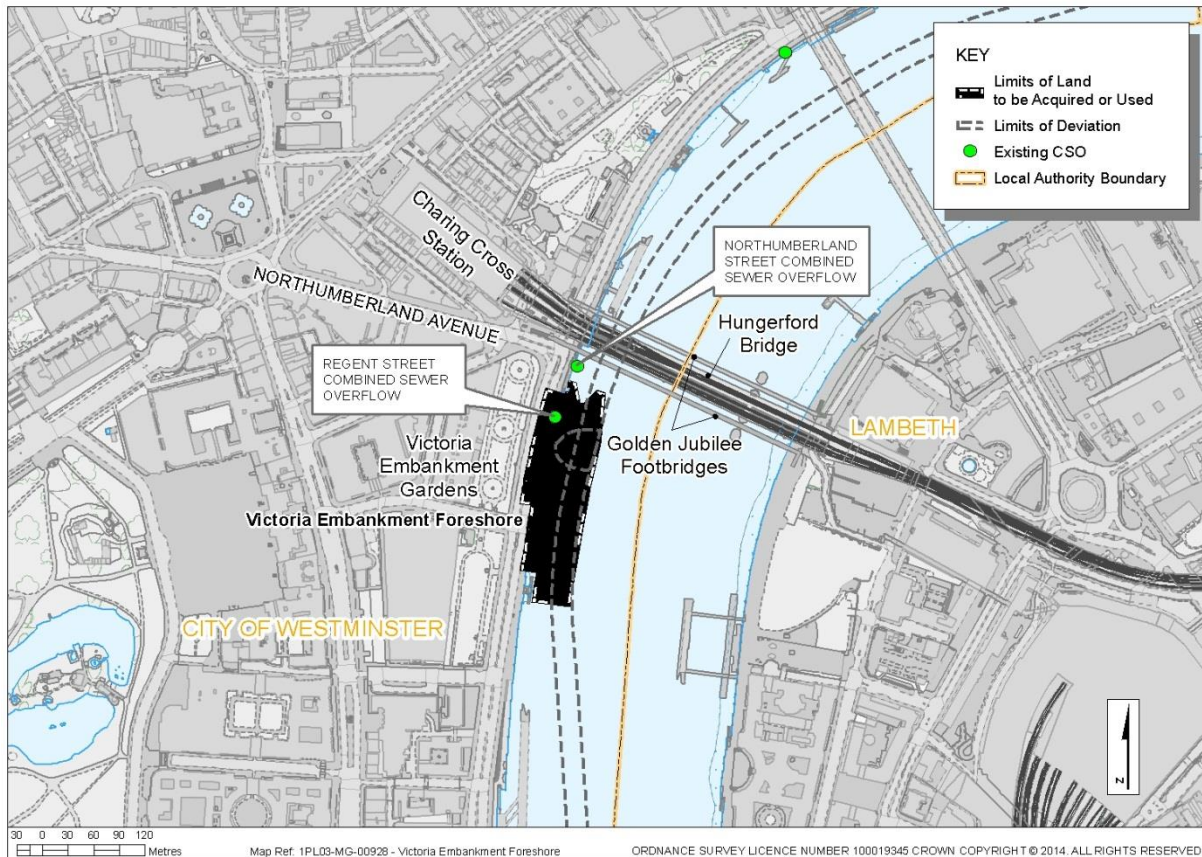
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# 1 Introduction

- 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.
- 1.1.3 This document forms the *CoCP* Part B for the project works at the Victoria Embankment Foreshore 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 Westminster City Council and other stakeholders.
- 1.1.4 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.
- 1.1.5 A plan showing the location of the site is shown in Figure 1.1 overleaf.

**Figure 1.1 Victoria Embankment Foreshore: 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 Regent Street connection tunnel.</li> </ul> <p>When other types of working hours (CoCP Part A, Table 4.1) are required, these will be subject to consent from the local authority under Section 61 of the Control of Pollution Act 1974.</p>

Topic	Site-specific requirement
Site layout	Temporary in-river construction works shall be limited within the authorised navigation channel. The detailed proposals shall be agreed with the Port of London Authority and the Environment Agency (relevant protective provisions) and the Marine Management Organisation (Deemed Marine Licence conditions) and subject to any additional required licenses, navigational risk assessments and consents.
Site security/hoarding requirements	The hoarding shall incorporate suitable art work and viewing windows, as defined in <i>CoCP</i> Part A para. 4.3.4a and b. The hoarding on the western boundary shall be 3.6m. The local authority shall approve the external appearance of the hoarding.
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 minimise 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	Entry to the site will be from Victoria Embankment with left turn into the site. Exit will be left turn out travelling south.
Traffic management	Site areas shall be designed to maintain two-way traffic flow along Victoria Embankment. Two lanes shall be maintained on both carriageways, except for short periods during utility diversions where only one lane on the westbound carriageway shall remain open. Prior to suspending any coach parking spaces, alternative spaces shall be provided. The existing spaces shall be reinstated on completion of the works unless agreed with the highway authority. It is proposed that, subject to obtaining the relevant highway consents, the coach parking spaces would be relocated to Albert Embankment (A3036) between Tinworth Street and Black Prince Road,



Topic	Site-specific requirement
	<p>Millbank (A3212) between Thorney Street and Atterbury Street, or Lambeth Palace Road (A3036) to the north of Lambeth Road (A3203)/Lambeth Bridge (A3203)/Albert Embankment (A3036)/Lambeth Palace Road (A3036) roundabout.</p> <p>The minimum width of the retained traffic lanes along Victoria Embankment shall be 3m in each direction for one outer lane and 3.25m for a second inner lane (where applicable). A suitable safety barrier shall be installed between opposing direction lanes.</p> <p>The extent and duration of working areas extending into traffic lanes shall be minimised. Traffic barriers shall be moved as construction progresses as Transport for London requires minimum land-take within the highway.</p>
Event restrictions	<p>Event restrictions are to be confirmed in consultation with the local authority and Transport for London.</p> <p>The contractor shall liaise with the City of London Corporation, Westminster City Council and Transport for London event planning teams with regard to the London Marathon and other major events when producing the traffic management plan and traffic management schemes to ensure that appropriate measures are in place.</p>
River transport	<p>Access to the existing Embankment Pier shall be maintained for both pedestrians and vessel services. The contractor shall liaise with London River Services (Transport for London).</p>
Other	<p>Clear signage shall be provided for the diversion of the Thames Path.</p>

## 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 northern and southern boundaries of the temporary cofferdam to screen receptors on the tidal Thames.</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. The first 'anchor' piles shall be installed at a location as far away from the closest sensitive receptors, including the</p>

Topic	Site-specific requirement
	Hispaniola and the Tattershall Castle, as possible. Where push piling is determined to be impossible, this shall be demonstrated by the contractor, who shall make an application to the local authority for 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.
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	As per the <i>CoCP</i> Part A.
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.

Topic	Site-specific requirement
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 habitat and preserve potential archaeology.</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	The specifications for replacement trees shall be agreed with Transport for London including species, size, source, pit design and finish.
Other	N/A

## 12 Historic environment

Topic	Site-specific requirement
Other	<p>Intrusive structural investigations shall be carried out on the listed river wall beyond the area of proposed fabric removal.</p> <p>Existing granite blocks shall be used to join the new and old sections of the river wall.</p> <p>The sturgeon lamp stands shall be removed; the contractor shall seek to reuse them in accordance with the procedures set out in the <i>Heritage Statement</i>.</p>

## 13 Other

Topic	Site-specific requirement
Other	N/A

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