

Thames Tideway Tunnel
Thames Water Utilities Limited



Application for Development Consent

Application Reference Number: WWO10001

Code of Construction Practice Part B

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Chelsea Embankment Foreshore

APFP Regulations 2009: Regulation **5(2)(q)**

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**Thames
Tideway Tunnel**



Creating a cleaner, healthier River Thames

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Code of Construction Practice Part B

Chelsea Embankment Foreshore

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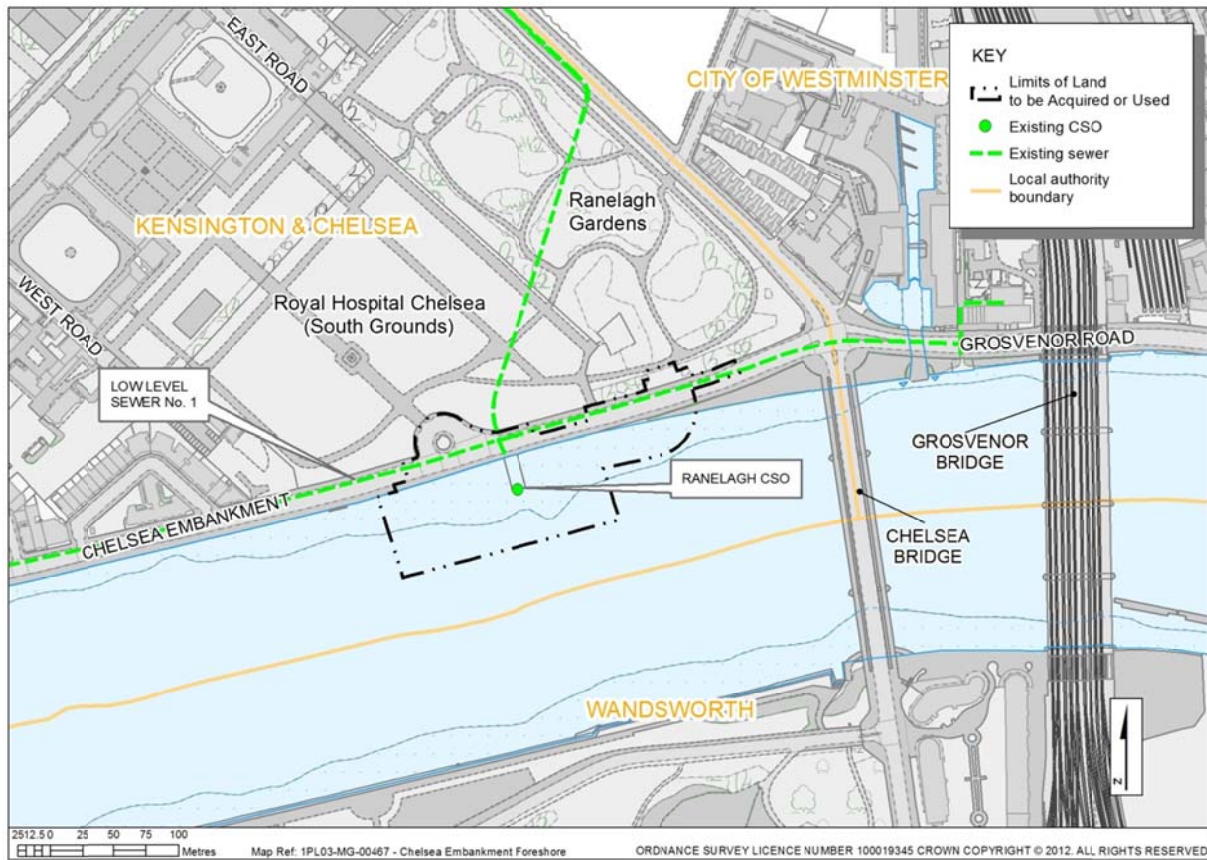
1 Chelsea Embankment Foreshore

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 Accidents, 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.
- 1.1.3 This document comprises the *CoCP* Part B for the Thames Tideway Tunnel project works at Chelsea Embankment Foreshore 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 Royal Borough of Kensington and Chelsea and other stakeholders.
- 1.1.4 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.
- 1.1.5 A plan showing the location of the site is shown in

1.1.6 Figure 1.1 below.

Figure 1.1 Chelsea Embankment Foreshore: 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	<p>This site will adhere to the following working hours:</p> <ol style="list-style-type: none"> standard continuous for duration of the Ranelagh connection tunnel construction. <p>Other working hours to be subject to agreement with the local authority.</p> <p>Standard hours on this site are in accordance with the Royal Borough of Kensington and Chelsea's normal working hours of 8am to 6.30pm Monday to Friday, and 8am to 1.30pm Saturday. Mobilisation is only permitted from 7:30am to 8am for staff arrival and briefings, unless otherwise agreed with the council.</p>
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 and b incorporating suitable art work and viewing windows.
Other items	A site-specific lighting plan is required. The lighting will 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	All vehicles will access/egress site from the westbound lane, using a left turn in and left turn out arrangement.
Traffic management	<p>Site areas will be designed to maintain two-way flow on traffic on Chelsea Embankment (A3212). If required a suitable central safety barrier to be installed between alternate directional lanes. Minimum lane width 3.25m subject to agreement with Transport for London. The existing traffic island directly to the northeast of Bull Ring Gate will be removed.</p> <p>Access through the Bull Ring entrance for set-up and take-down of the Chelsea Flower Show and Masterpiece events, and for VIP access, will be maintained during these events. Emergency access</p>

Topic	Site-specific requirement
	from Chelsea Embankment (A3212) will be maintained during the events.
Event restrictions	Management arrangements during events in the adjacent area to be confirmed in consultation with the Local Highway Authority, the Royal Horticultural Society, and Transport for London.
River transport	As per text in <i>CoCP</i> Part A.
Other	<p>The diversion of the Thames Path will be adequately signed, and a temporary signalised pedestrian crossing will be provided between the foreshore site and the worksite on the eastbound carriageway of Chelsea Embankment (A3212).</p> <p>The riverside footway on Chelsea Embankment (A3212) will be reinstated for public use outside of working hours at weekends.</p> <p>Arrangements to allow buses to turn right from A3212 into the bus stop in the 'Bull ring' area will be maintained, except during landscaping works in this area, unless agreed otherwise.</p> <p>The bus stop in the Bull Ring area would be suspended temporarily only during landscaping works.</p>

6 Noise and vibration

Topic	Site-specific requirement
Control measures	As per text in <i>CoCP</i> Part A.
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	As per text in <i>CoCP</i> Part A.
Control on abstraction	As per text in <i>CoCP</i> Part A.
Ground treatment / dredging	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.
Energy 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	<p>Membrane to be installed between river bed and temporary back fill material to prevent contamination of juvenile fish habitat.</p> <p>Areas of foreshore used for temporary works will be restored to similar condition and material as was present prior to the works.</p>
Protection of trees	<p>Replacement tree planting to be provided for those lost along Chelsea Embankment. Specification for replacement trees to be agreed with Transport for London and includes species, size, source, pit design and finish.</p> <p>Replacement shrub planting will be provided where removed as part of works within Ranelagh Gardens. Retained vegetation will be protected during works.</p>

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

12 Historic environment

Topic	Site-specific requirement
Other	<p>A proportion of the brickwork of the river wall as well as all of the granite parapet stones will be retained for reinstatement and reuse in accordance with the procedures set out within the Heritage Statement.</p> <p>Retain materials and reuse or reinstate where possible. The railings that form the boundary of the Grade II Registered Ranelagh Gardens will be carefully removed, stored and reinstated.</p> <p>Protective measures to mitigate potential strike damage to the Grade II listed Chelsea Royal Hospital Gardens park gates, the boundary of the Grade II Registered Ranelagh Gardens, and the Chelsea Embankment river wall.</p>

13 Other

Topic	Site-specific requirement
Other	Any materials to be used on highway construction works on the Transport of London Road network to be agreed with Transport for London.

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