

Thames Tideway Tunnel
Thames Water Utilities Limited



Application for Development Consent

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Code of Construction Practice Part B: Site Specific Requirements Chelsea 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

Chelsea Embankment Foreshore

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Thames Tideway Tunnel

Code of Construction Practice Part B Chelsea Embankment Foreshore

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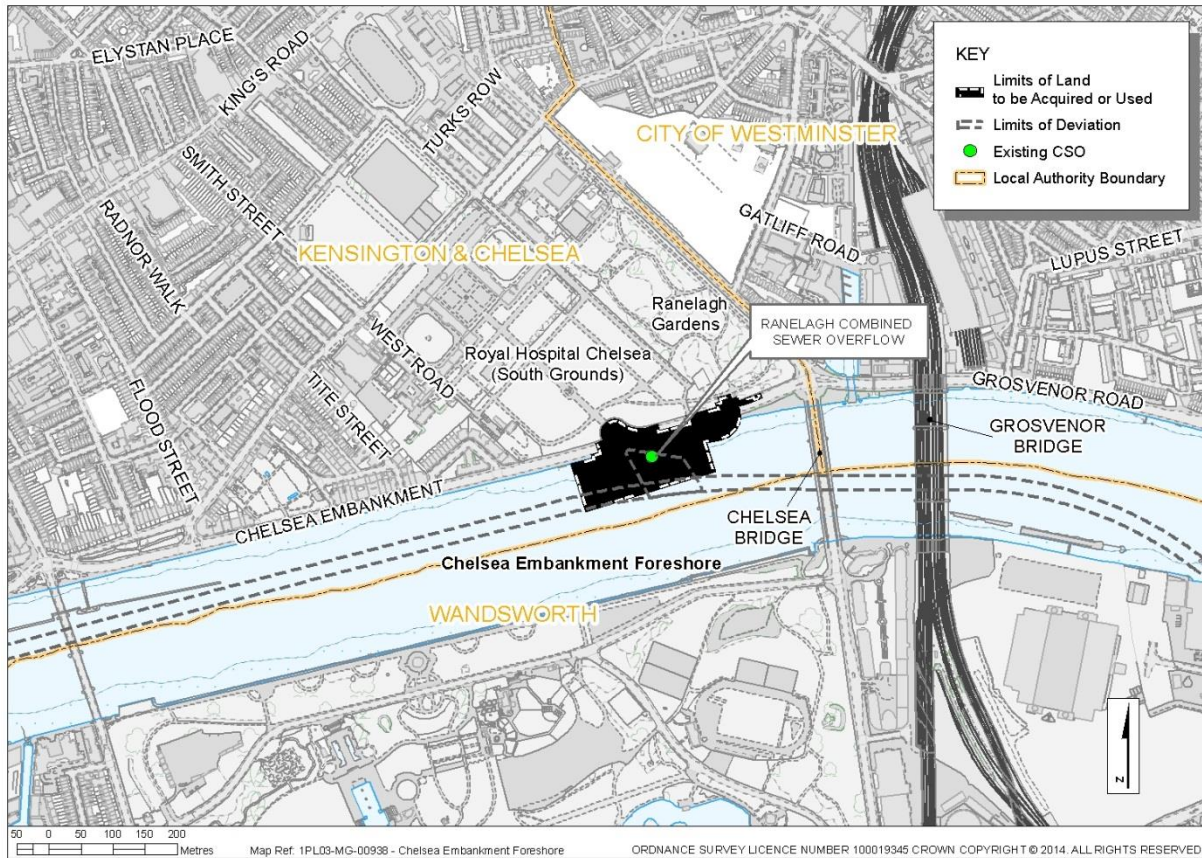
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1 Introduction

- 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 Chelsea 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 the Royal Borough of Kensington and Chelsea 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 of the location of the site is shown in Figure 1.1 overleaf.

Figure 1.1 Chelsea 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 The Royal Hospital Chelsea shall be included as a stakeholder for the purposes of the community liaison plan.

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"> a. standard b. continuous during construction of the Ranelagh connection tunnel. <p>When other types of working hours (CoCP Part A,</p>

Topic	Site-specific requirement
	<p>Table 4.1) are required, these shall be subject to consent from the local authority under Section 61 of the Control of Pollution Act 1974.</p> <p>Standard hours on this site accord with the Royal Borough of Kensington and Chelsea's normal working hours of 08:00 to 18:30 Monday to Friday and 08:00 to 13:00pm on Saturdays. Site mobilisation shall only be permitted from 07:30 to 08:00 for staff arrival and briefings, unless otherwise agreed with the local authority. There shall be no evening mobilisation period.</p>
Site layout	As per the <i>CoCP</i> Part A.
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.
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	All vehicles shall enter/exit site from the Chelsea Embankment (A3212), left turn in and out.
Traffic management	<p>Site areas shall be designed to maintain two-way traffic flow on Chelsea Embankment. If required, a suitable central safety barrier shall be installed between lanes in opposite directions. The minimum lane width shall be 3.25m, subject to agreement with Transport for London. The existing traffic island directly to the northeast of the Bull Ring Gate shall be removed.</p> <p>Access through the Bull Ring entrance for set-up and take-down of the Chelsea Flower Show and Masterpiece events shall be maintained. The public access during the events shall also be maintained. Emergency access from Chelsea Embankment (A3212) shall be maintained during the events via the Bull Ring, river and ambulance gates.</p> <p>Access through the Bull Ring Gate shall be</p>

Topic	Site-specific requirement
	<p>maintained for development work on Gordon House. In the traffic management plan, the contractor shall use alternative construction routes for vehicles more than 4.4m high to avoid the height restriction on Grosvenor Road (A3212). This shall be reviewed with the Royal Borough of Kensington and Chelsea and Transport for London during preparation of the plan.</p>
Event restrictions	<p>Management arrangements during events in the adjacent area, including the utility diversion works, shall be confirmed in consultation with the local highway authority, the Royal Horticultural Society, the Royal Hospital Chelsea and Transport for London.</p>
River transport	<p>As per the <i>CoCP</i> Part A.</p>
Other	<p>The contractor shall provide adequate signage for the diversion of the Thames Path and a temporary signalised pedestrian crossing between the foreshore site and the worksite on the eastbound carriageway of Chelsea Embankment.</p> <p>The riverside footway on Chelsea Embankment shall be provided for public use outside of working hours at weekends.</p> <p>Arrangements to enable buses to turn right from Chelsea Embankment into the bus stop in the Bull Ring area shall be maintained (except during landscaping works in this area), unless otherwise agreed with the local authority.</p> <p>The bus stop in the Bull Ring area shall be temporarily suspended during landscaping works only.</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>The contractor shall include the dates of the Chelsea Flower Show and Masterpiece events, including set-up and take-down days, within the construction programme.</p> <p>The contractor shall establish a protocol for communication with the Royal Hospital Chelsea and the organisers of events at that venue.</p> <p>Before each event, the contractor shall inform the Royal Hospital Chelsea and event organisers of</p>

Topic	Site-specific requirement
	<p>planned construction activities during the events.</p> <p>As far as is reasonably practical, during Chelsea Flower Show and Masterpiece events (not including set-up and take-down periods), the contractor shall:</p> <ol style="list-style-type: none"> a. avoid activities that generate high levels of noise b. consult with the Royal Hospital Chelsea and event organisers to investigate and implement additional mitigation measures.
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.
Energy 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	<p>Replacement trees shall be planted for trees lost along Chelsea Embankment. Specifications for replacement trees, including species, size, source, pit design and finish, shall be agreed with Transport for London.</p> <p>Replacement shrub planting shall be provided where vegetation is removed as part of the works within Ranelagh Gardens. Retained vegetation shall be protected during the works.</p>
Other	N/A

12 Historic environment

Topic	Site-specific requirement
Other	<p>Materials shall be reused or reinstated, where possible.</p> <p>A proportion of the brickwork of the river wall and all the granite parapet stones shall be retained for reinstatement and reuse, in accordance with the procedures set out in the <i>Heritage Statement</i>.</p> <p>The boundary railings of the Grade II registered Ranelagh Gardens shall be carefully removed, stored and reinstated.</p> <p>The contractor shall implement protective measures to mitigate potential strike damage to the Grade II listed Bull Ring Gate, the boundary of the Grade II</p>

Topic	Site-specific requirement
	registered Ranelagh Gardens and the Chelsea Embankment river wall.

13 Other

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

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Thames Water Utilities Limited

Clearwater Court, Vastern Road, Reading RG1 8DB

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