



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
- King Edward Memorial Park Foreshore (Compare against 23 September 2013)**

Doc Ref: **APP72.19**





Code of Construction Practice Part B: Site-specific requirements

King Edward Memorial Park Foreshore

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Thames Tideway Tunnel

Code of Construction Practice Part B

King Edward Memorial Park Foreshore

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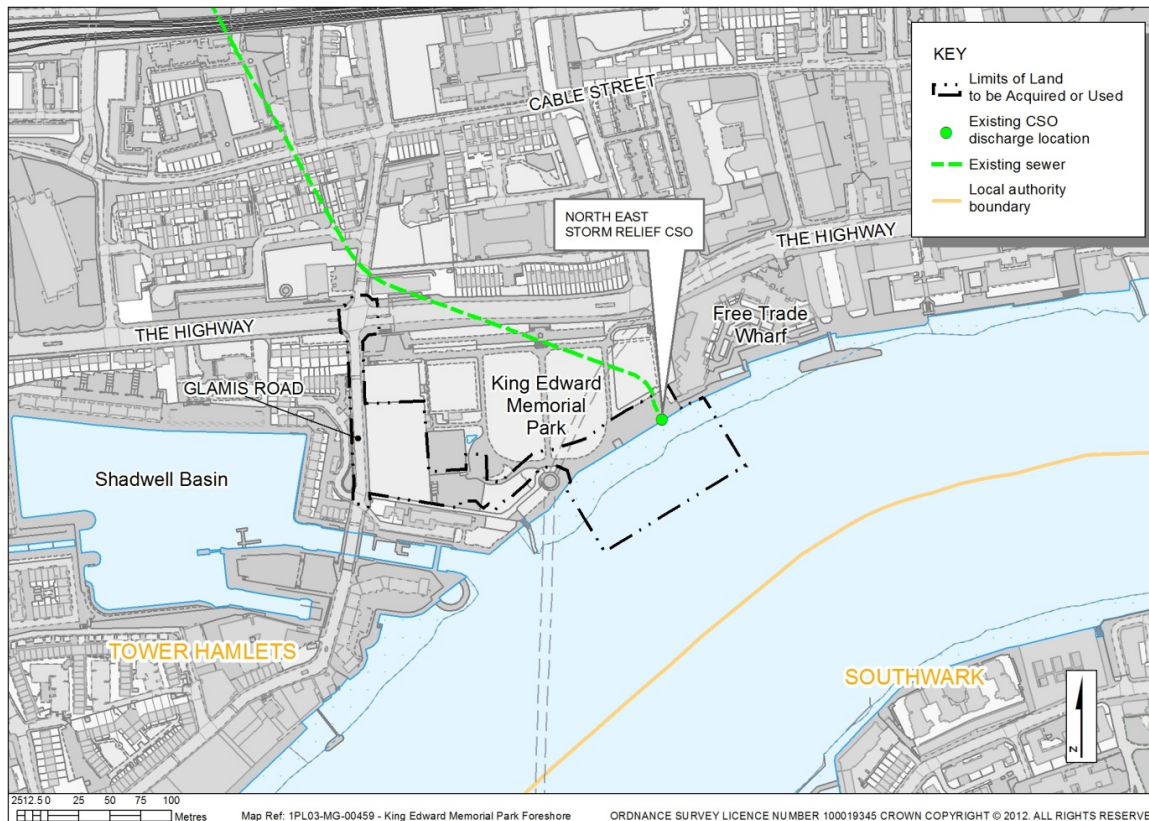
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King Edward Memorial Park Foreshore

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 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.
- 1.1.3 This document comprises the *CoCP* Part B for the Thames Tideway Tunnel project works at King Edward Memorial Park 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 London Borough of Tower Hamlets 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 Figure 1.1 below.

Figure 1.1 King Edward Memorial Park 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**
2.0.1 As per text in CoCP Part A.

3 **Communications and community/stakeholder liaison**

3.0.1 As per text in CoCP Part A. The Contractor shall convene a working group with representatives made up from residents, park user groups, local councillors, the Employer and officers from the London Borough of Tower Hamlets.

4 Site operation	
Topic	Site-specific requirement
Working hours	<p>This site will<u>shall</u> adhere to the following working hours:</p> <ol style="list-style-type: none"> a. standard b. extended standard. <p>Extended working hours are required at this site to allow for major concrete pours for shaft construction including diaphragm wall panels, base slab, roof slab and other large elements. The exact timing of any extended hours working are to be consulted and notified to the London Borough of Tower Hamlets in advance through S61 process.</p> <p>When other types of working hours (<i>CoCP</i> Part A, Table 4.1) are required, these will<u>shall</u> be subject to agreement with the local authority through the S61 process.</p>
Site layout	<p>The site arrangements utilise areas of the park and foreshore.</p> <p>The existing children’s playground is to be relocated, and the multi-purpose sports pitch reconfigured and surfaced, in advance of the access road works.</p> <p>The use and duration of the areas within the park are to be minimised and reduced as appropriate between the construction phases. This includes reducing the area used in the existing football pitch and park maintenance area prior to and after shaft construction.</p>
Site security / hoarding requirements	<p>The hoarding is to be as defined in <i>CoCP</i> Part A para. 4.3.4c, <u>2.4m high</u> planted hoarding on public facing sections. The areas around the shaft construction site and the multi sport/park maintenance site are to have full standard 2.4m hoarding.</p> <p>The site vehicle access route <u>between the relocated junior play area and the Rotherhithe Tunnel Ventilation Shaft</u> is to have secure, <u>2.4m high</u> green painted steel open mesh fencing to allow views through to the river to be maintained.</p> <p>Outside of approved working hours and within park opening hours the steel mesh fencing on the access</p>

Topic	Site-specific requirement
	<p>route, between the relocated children's junior play area and the Rotherhithe Tunnel Ventilation shaft, willshall be removed to allow for open access through the park to the river frontage.</p> <p>A gated crossing willshall be provided to enable the realigned Thames Path to cross the access road. The gates willshall only be closed to pedestrians and cyclists during vehicle movements. A traffic marshal willshall be deployed to ensure the safe movement of vehicles and public crossing.</p> <p>Hoardings to be increased from 2.4m to 3.6m around the main shaft working areas.</p>
<u>River works</u>	<u>As per text in CoCP Part A.</u>
Other items	<p>Landscape plans to show retention of both tennis courts and a reduced multi sport pitches size.</p> <p>A site-specific lighting <u>management</u> plan is required. The lighting will<u>management plan shall</u> address the impact on terrestrial and aquatic ecology and include the use of low level directional lighting where possible whilst meeting safe work requirements. The Lighting <u>Management</u> Plan is to be submitted and agreed with<u>to the London Borough of Tower Hamlets for approval with respect to potential external impacts.</u></p> <p>Site cabins and welfare facilities to be dark green color to tie in with the planted hoardings.</p> <p><u>Site office and welfare facilities shall not be located on the sports pitches.</u></p>

5 Public access, highway and river transport	
Topic	Site-specific requirement
Site access and gates	<p>The site access is to be only via Glamis Road from the Highway. Access to the site willshall be from the north with left turn in to the site and right turn out.</p> <p>The security barrier willshall be positioned to allow a standard rigid tipper vehicle to be wholly off the road whilst awaiting barrier operation.</p> <p>The new site access road to the east of the existing playground between the Football Pitch/maintenance area and the foreshore willshall be a single lane only with appropriate traffic control.</p>

Topic	Site-specific requirement
Traffic management	Areas of parking suspension to be confirmed with the London Borough of Tower Hamlets.
Event restrictions	To be confirmed in liaison with the London Borough of Tower Hamlets and Transport for London.
River transport	As per text in CoCP Part A Barge loading and unloading, and barge movements onto or off of the berth will only occur during standard working hours.
Site access and gates	Adequate advance notice and signage will shall be provided for the diversion of the Thames Path. See Section 3 Communications and community/stakeholder liaison of the CoCP Part A.

6 Noise and vibration	
Topic	Site-specific requirement
Control measures	<p>See item above on increased hoarding height.</p> <p>The use of low<u>Low noise and</u> vibration piling, eg hydraulic jacking/hydraulic press methods, are required for the construction of the cofferdam where practicable and where ground conditions allow these methods to be adopted. In the piling methods, the contractor needs to give consideration to the proximity of 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 Free Trade Wharf South.”</p> <p>Compaction of material on site willshall 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 vibratory rollers willshall only be used in locations where vibration levels can be controlled to less than the impact criteria.</p> <p>Noise barriers at 2.4m high to be located on the cofferdam sections perpendicular to the river wall on both sides, and on the southern boundary of the lorry route (the section that backs onto the properties on Shadwell Pier head only) to the point where it meets Glamis road.</p> <p><u>Programme construction of the cofferdam to ensure the section closest to Free Trade Wharf is built first so that the cofferdam barrier as secured in the CoCP Part B is installed as soon as possible.</u></p> <p>The loading and unloading of barges willshall only be carried out during standard working hours.</p>
Other	<p>Refer to the CoCP Part A Section 6.5 on Noise Monitoring. Specific background baseline noise monitoring is required in advance of extended hours working. The method willshall be agreed with the London Borough of Tower Hamlets and submitted with information on the proposed extended hour working.</p>

Topic	Site-specific requirement
	Monitoring data for noise and vibration (including trigger level alerts and historical data) will be made available via a web-site portal to the council and the working group as defined in CoCP Part A, Section 3.

7 Air quality	
Topic	Site-specific requirement
Vehicle and plant emissions	As per text in CoCP Part A.
Dust emissions/control	12 months PM ₁₀ monitoring will shall be undertaken prior to the works commencing. Real-time monitoring will shall be utilised for the duration of the works.
Odour	As per text in CoCP Part A.
Other	In the event of potentially contaminated soil being found onsite, chemical composition analysis will shall be undertaken in agreement with the London Borough of Tower Hamlets.

8 Water resources	
Topic	Site-specific requirement
Control of pollution: surface water / groundwater	The temporary access route will shall have suitable temporary drainage and will shall prevent any local flooding of adjacent areas and include where practical sustainable drainage methods.
Control on abstraction	As per text in CoCP Part A.
Ground treatment / dredging	As per text in CoCP Part A.
Other	All temporary hard standing (as far as reasonably practicable) on non foreshore site areas to incorporate permeable surfacing.

9 Land quality	
Topic	Site-specific requirement
Site works	As per text in CoCP Part A.
Site-specific issues / mitigation	As per text in CoCP 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 existing river bed and temporary back fill material to prevent contamination of juvenile fish habitat and benefits in preserving potential archaeology. Areas of foreshore used for temporary works will shall be restored to similar condition and material prior to the works.
Protection of trees	Access road layout to provide adequate clearance from the Leylandii to avoid root damage (minimum 4.5m from trunk).
Other	Advanced planting along north/south access of park and on the north of Rotherhithe tunnel shaft subject to approval from the London Borough of Tower Hamlets.

12 Historic environment	
Topic	Site-specific requirement
Other	Memorial benches, currently located on the riverfront, will shall be removed, stored and reinstated after construction.

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

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