

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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Kirtling Street

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

Kirtling Street

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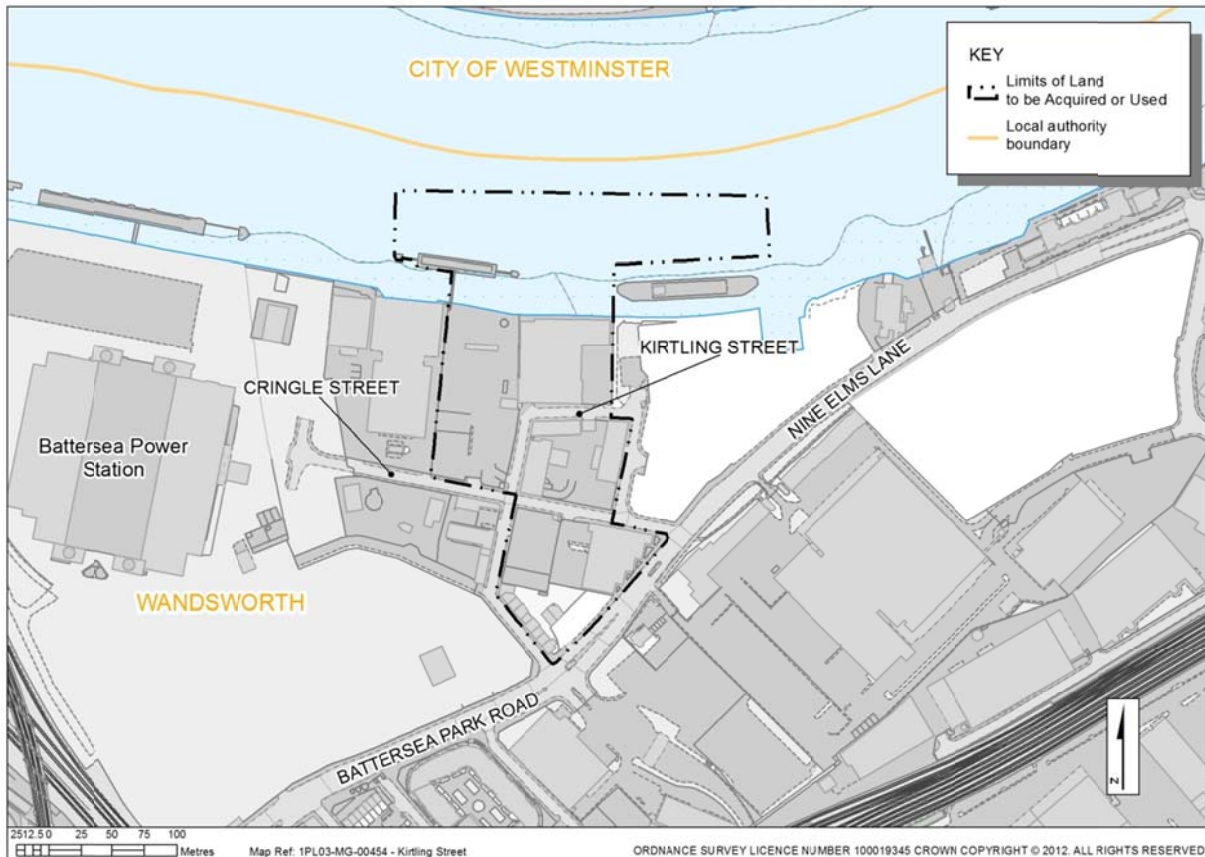
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1 Kirtling Street

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 Kirtling Street 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 Wandsworth 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 Kirtling Street: 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 extended standard continuous for construction of the main tunnel. <p>Other working hours are subject to agreement with the local authority.</p>
Site layout	<p>The site encompasses part of the existing Cemex site. Access to the Cemex site will be maintained throughout the construction period via Kirtling Street with egress via Cringle Street.</p>
Site security / hoarding requirements	<p>The hoarding is to be as defined in <i>CoCP</i> Part A para. 4.3.4a incorporating suitable art work on public facing sections.</p> <p>The hoarding height is to be a standard height of 3.6m.</p>
Other items	<p>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.</p>

5 Public access, highway and river transport

Topic	Site-specific requirement
Site access and gates	<p>Access to and from the site will be from Kirtling Street and Cringle Street.</p> <p>There will be no direct access to and from the Kirtling Street site from Nine Elms Lane (A3205), between the Kirtling Street and Cringle Street junctions.</p>
Traffic management	<p>Construction traffic will utilise a one-way system on Kirtling Street and Cringle Street.</p> <p>Kirtling Street and Cringle Street will be kept open for two-way movements for general (non-construction) traffic, except where being shown as stopped up on the access plan.</p> <p>The exit from the site onto Kirtling Street is by the Riverlight development including the car park</p>

Topic	Site-specific requirement
	<p>entrance/exit and nursery. The contractor will put in place measures to manage potential conflicts with vehicles entering and exiting the development, and pedestrians and cyclists on the Thames Path diversion. The contractor will put in measures to manage potential conflicts between vehicles entering/exiting the site at these access points and other traffic on Cringle Street and pedestrians and cyclists on the Thames Path.</p> <p>The site access onto the southern side of Cringle Street will operate as right turn in and right turn out only for construction vehicles. The site exit on the northern side of Cringle Street will operate as left turn out only.</p> <p>The site encompasses part of the existing Cemex site. Access to the Cemex site will be maintained throughout the construction period via Kirtling Street with egress via Cringle Street.</p> <p>Bus stand in Cringle Street to be relocated.</p>
Event restrictions	As per text in <i>CoCP</i> Part A.
River transport	As per text in <i>CoCP</i> Part A.
Site access and gates	The diversion of the Thames Path is to be adequately signed.

6 Noise and vibration

Topic	Site-specific requirement
Control measures	<p>The construction area around the main shaft will be covered by an enclosure/building during the main tunnel construction and secondary lining works. The building will have cladding with a specified sound reduction value.</p> <p>The building openings will be designed to be away from sensitive noise receptors and will be kept closed when not in use at night. Only essential use of openings at night.</p> <p>Compaction of material during demolition will 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 twin-drum vibrating rollers will only occur on occasions where vibration levels can be controlled to less than the impact criteria.</p>

Topic	Site-specific requirement
	<p>The concrete batching plant, grout plant, conveyors to load barges and storage / handling areas will be enclosed with suitable structure acoustic attenuation materials.</p> <p>Screening or enclose of all static plant including enhanced enclosure for pumps.</p> <p>Movement of vehicles on site outside standard hours to be restricted.</p>
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	<p>All hardstanding (as far as reasonably practicable) on non-foreshore sites to incorporate permeable surfacing.</p> <p>Appropriate measures to avoid water runoff to the river need to be adopted specifically in consideration of local un-remediated former gas works.</p>
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.
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	Areas of foreshore used for temporary works will be restored to similar condition and material prior to the works.
Protection of trees	As per text in <i>CoCP</i> Part A.
Other	As per text in <i>CoCP</i> Part A.

12 Historic environment

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

13 Other

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

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