

Thames Tideway Tunnel
Thames Water Utilities Limited



Application for Development Consent

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Code of Construction Practice Part B: Site Specific Requirements Greenwich Pumping Station - 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

Greenwich Pumping Station

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Thames Tideway Tunnel

Code of Construction Practice Part B: Greenwich Pumping Station

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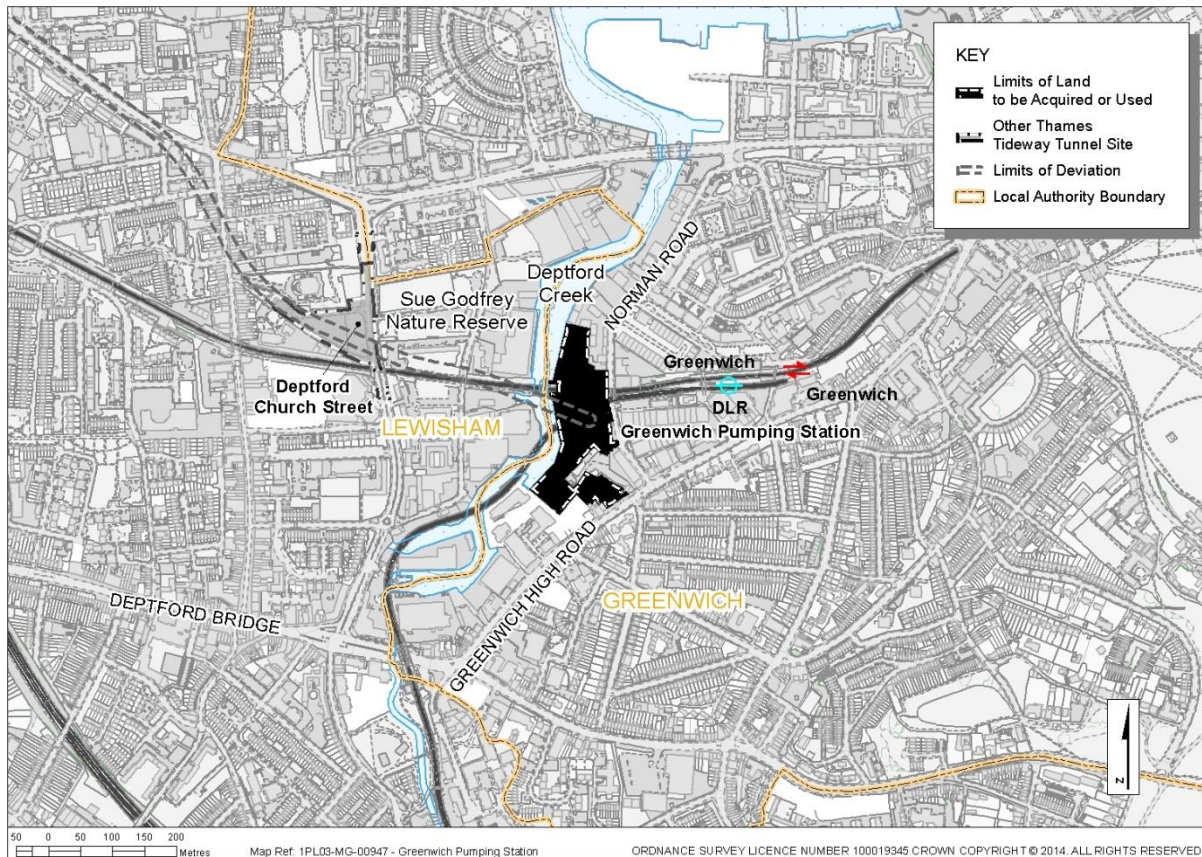
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1 Introduction

- 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 of 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 Greenwich Pumping Station site and identifies the detailed site-specific measures including working hours, site set-up and servicing arrangements, taking into account environmental matters and consultations with the London Borough of Greenwich 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 Greenwich Pumping Station: 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"> a. standard b. extended c. continuous during construction of the Greenwich connection tunnel. <p>When other types of working hours (CoCP Part A, Table 4.1) are required, these shall be subject to consent from the local authority under Section 61 of</p>

Topic	Site-specific requirement
	the Control of Pollution Act 1974.
Site layout	The site layout shall ensure that lorries can turn onsite without needing to reverse onto the adjacent roads.
Site security/hoarding requirements	The hoarding shall incorporate suitable art work on public-facing sections, as defined in <i>CoCP</i> Part A para. 4.3.4a. The hoarding height shall be 3.6m at this site.
River works	As per the <i>CoCP</i> Part A.
Other items	N/A

5 Public access, highway and river transport

Topic	Site-specific requirement
Site access and gates	The site is separated into a number of areas around the existing operational pumping station; security arrangements shall be provided at the access point to each area. At the main site entrances, the security barrier shall be positioned to enable a standard rigid tipper vehicle to sit wholly off the road while awaiting barrier operation.
Traffic management	Construction traffic shall access the site from Greenwich High Road (A206) and Norman Road (B208) from the direction of Blackheath Road (A2). The existing entrance from Greenwich High Road (A206) shall be restricted to cars and light goods vehicle, except during site set-up and demobilisation. The entrance shall be shared with Thames Water operational access to the pumping station. Traffic shall exit via the same routes. One parking space shall be temporarily suspended in agreement with the Royal Borough of Greenwich.
Event restrictions	N/A
River transport	As per the <i>CoCP</i> Part A.
Other	The existing public footpath from Norman Road to Creekside shall be realigned and suitable access for disabled users maintained, unless agreed otherwise with the local authority. A suitable crossing point over the diverted footpath shall be provided.

Topic	Site-specific requirement
	Docklands Light Railway access to its viaduct, which passes over the site, shall be maintained.

6 Noise and vibration

Topic	Site-specific requirement
Control measures 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>The construction area around the CSO drop shaft shall be covered by an enclosure during the Greenwich connection tunnel construction and secondary lining works. All cladding and roofing of noise enclosures shall incorporate suitable noise attenuation material with a minimum sound reduction value of 20dB R_w¹.</p> <p>Noise enclosure openings shall face away from sensitive noise receptors; at night openings shall only be used where essential and kept closed when not in use.</p> <p>Noise-generating activities within the material storage/handling area shall be screened by a three-sided noise enclosure with a roof.</p> <p>All static plant shall be screened or enclosed.</p>
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	The developer of the neighbouring developments shall be consulted during the preparation of the air quality management plan to identify monitoring locations.
Odour	As per the <i>CoCP</i> Part A.
Other	N/A

¹ See British Standard EN ISO 12354.

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	Decommissioning of any wells must be carried out in line with the Environment Agency guidance <i>Good practice for decommissioning redundant boreholes and wells</i> (October 2012). All temporary hardstanding (as far as is reasonably practical) on non-foreshore areas of the site shall incorporate permeable surfacing (Sustainable Drainage System/flood risk alleviation).

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.
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	Replacement planting shall be provided for the trees and scrub to be removed for construction.
Protection of trees	As per the <i>CoCP</i> Part A
Other	N/A

12 Historic environment

Topic	Site-specific requirement
Other	<p>An archaeological standing structure survey of the East Beam Engine House shall be carried out. The survey shall include the existing stairs attached to the East Beam Engine House, which are to be dismantled, stored and re-assembled.</p> <p>Protective measures shall be put in place to prevent strike damage to the Grade II listed East Beam Engine House, Central Boiler House, Grade II listed coal sheds and the Grade II listed Network Rail viaduct.</p> <p>The site-specific heritage management plan shall include all heritage assets along the alignment of the Greenwich connection tunnel driven from this site, where not directly affected by other sites.</p> <p>The pre-condition survey of St Paul's Church, Deptford shall pay particular attention to the condition of the sensitive plasterwork ceilings including, where access is possible as agreed with the Church, the supporting laths. If the condition of this feature is such that construction induced ground movements are likely to cause any damage to the plasterwork, preventative remedial measures shall be agreed with the Church and completed in advance of any construction that could potentially have an adverse impact on the Church.</p>

13 Other

Topic	Site-specific requirement
Other	N/A

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Thames Water Utilities Limited

Clearwater Court, Vastern Road, Reading RG1 8DB

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