



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
- Greenwich Pumping Station (Comparite against 23 September 2013)**

Doc Ref: **APP72.22**





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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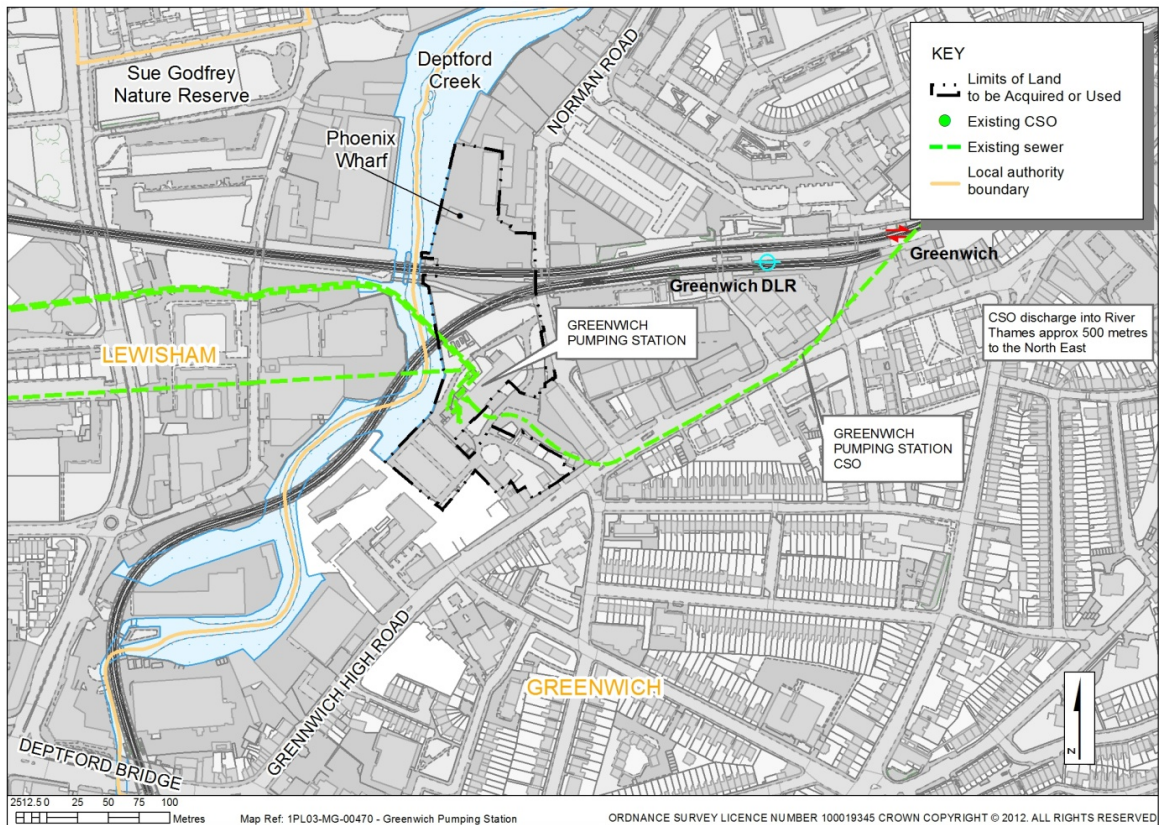
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Greenwich Pumping Station

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 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 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 Greenwich Pumping Station 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 Greenwich 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 ~~Error! Reference source not found~~[Figure 1.1](#) below.

Figure 1.1 Greenwich Pumping Station: 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.

| 4 Site operation | |
|-------------------------------------|---|
| Topic | Site-specific requirement |
| Working hours | <p>This site shall adhere to the following working hours:</p> <ul style="list-style-type: none"> a. standard b. extended standard c. continuous for Greenwich connection tunnel construction. <p>When other types of working hours (<i>CoCP</i> Part A, Table 4.1) are required, these willshall be subject to agreement with the local authority through the Section 61 process.</p> |
| Site layout | The site layout shall ensure that lorries can turn on site and no reversing onto the adjacent roads is required. Any exceptions such as abnormal loads shall be agreed in advance. |
| 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>Hoarding height is to be of 3.6m at this site.</p> |
| River works | As per text in <i>CoCP</i> Part A. |
| Other items | As per text in <i>CoCP</i> Part A. |

| 5 Public access, highway and river transport | |
|--|--|
| Topic | Site-specific requirement |
| Site access and gates | <p>The overall site is separated into a number of areas around the existing operating pumping station. Each access is required to have adequate security arrangements.</p> <p>At the main site entrances the security barrier shall be positioned to allow a standard rigid tipper vehicle to be wholly off the road while awaiting barrier operation.</p> |
| Traffic management | <p>Construction traffic shall access the site from Greenwich High Road (A206) and Norman Road (A208) from the direction of Blackheath Road (A2). The existing entrance from Greenwich High Road (A206) shall be restricted to cars and light goods vehicle access apart from site setup and removal.</p> |

| Topic | Site-specific requirement |
|--------------------|---|
| | <p>Vehicles heavier than 7.5t GVW will not use this access. The entrance is shared with Thames Water Operations access to the pumping station. Traffic shall egress via the same routes.</p> <p>One parking space suspension shall be required, which shall be agreed with the Royal Borough of Greenwich.</p> |
| Event restrictions | N/A |
| River transport | As per text in <i>CoCP</i> Part A. |
| Other | <p>The existing public footpath from Norman Road (B208) to Creekside shall be realigned, and suitable access for disabled users shall be maintained, unless agreed otherwise with the local authority. A suitable crossing point over the diverted footpath shall be provided if required,</p> <p>Docklands Light Railway's access to their viaduct, which passes over the site, shall be maintained.</p> |

6 Noise and vibration

| Topic | Site-specific requirement |
|------------------|--|
| Control measures | <p>The construction area around the main shaft shall be covered by an enclosure/building during the main tunnel construction and secondary lining works. The building shall have cladding with a specified sound reduction valueAll cladding and roofs of noise enclosures shall incorporate a suitable noise attenuation material with a minimum sound reduction of 20dB.</p> <p>The building openings shall be designed to be away from sensitive noise receptors and shall be kept closed when not in use at night. Only essential use of openings at night.</p> <p>Provision of a three-sided noise screen with roof around the materials handling area.</p> <p>See hoarding requirement above.</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. The developer of the neighbouring developments shall be consulted during the preparation of the Air Quality Management Plan. |
| 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 | Decommissioning of any wells must be carried out in line with the Environment Agency guidance, 'Good practice for decommissioning redundant boreholes and wells' – October 2012. All temporary hard standing (as far as reasonably practical) on non foreshore sites, to incorporate permeable surfacing. |

| 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 | Replacement planting shall be provided for the trees and scrub that are to be removed for construction. |
| 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 | <p>An archaeological standing structure survey of the East Beam Engine House, including the temporary removal of steps, in order to mitigate the effects of the proposed modifications and provide a record to guide subsequent repairs and reinstatement.</p> <p>The existing stairs attached to the East Beam Engine House to be dismantled, stored and re-assembled.</p> <p>Protective measures shall be put into place to prevent strike damage to the Grade II listed Beam Engine Houses, and Central Boiler House, the Grade II listed coal sheds, and the Grade II listed Network Rail viaduct.</p> <p>The site-specific heritage management plan for this site shall include all heritage assets along the alignment of the tunnel driven from this site where not directly affected by other sites.</p> |

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

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