



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
- Heathwall Pumping Station (Compare against 28 February 2013)**

Doc Ref: **APP72.13**





Code of Construction Practice Part B: Site-specific requirements

Heathwall Pumping Station

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Thames Tideway Tunnel

Code of Construction Practice Part B

Heathwall Pumping Station

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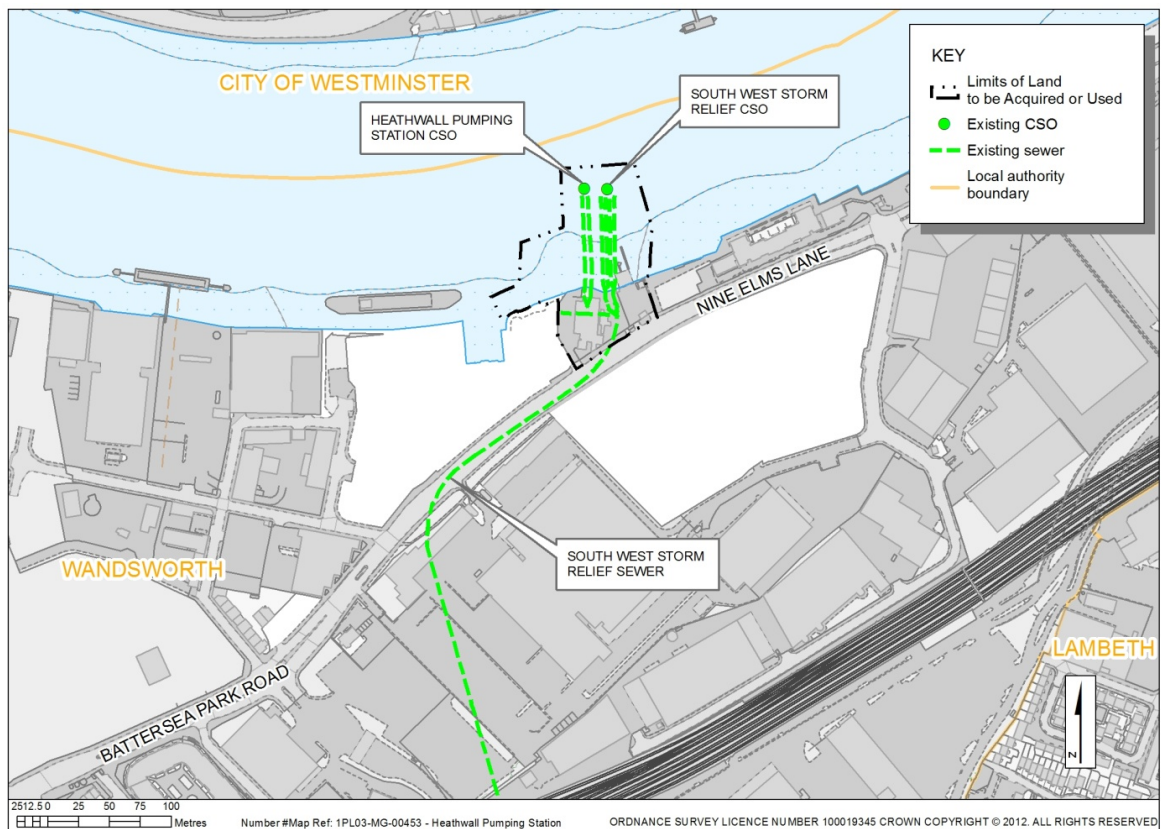
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1 Heathwall Pumping Station

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 ~~Accidents~~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.
- 1.1.1 This document comprises the *CoCP* Part B for the Thames Tideway Tunnel project works at Heathwall 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 Wandsworth and other stakeholders.
- 1.1.2 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.
- 1.1.3 A plan showing the location of the site is shown in Figure 1.1 below.

Figure 1.1 Heathwall 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	
Working hours	<p>This site willshall adhere to the following working hours:</p> <ul style="list-style-type: none"> a. standard b. continuous for duration of the Heathwall/SWSR connection tunnel construction <p>Other <u>When other types of working hours are (CoCP Part A, Table 4.1) are required, these shall be subject to agreement with the local authority through the Section 61 process.</u></p>
Site layout	As per text in CoCP Part A.
Site security / hoarding requirements	The hoarding is to be as defined in CoCP Part A para. 4.3.4a incorporating suitable art work on public facing sections.
<u>River works</u>	<u>As per text in CoCP Part A.</u>
Other items	A site-specific lighting plan is required. The lighting willshall address the impact on terrestrial and aquatic ecology and include the use of low level directional lighting where possible whilst meeting safe work requirements.

5 Public access, highway and river transport	
Topic	Site-specific requirement
Site access and gates	<p>The site access willshall be located as the existing access to the pumping station, and one of the existing accesses to the adjacent Middle Wharf.</p> <p>The contractor is required to put measures into place to prevent vehicles halting on Nine Elms Lane when entering the site. This mayshall include the vehicle notifying the site in advance to ensure that the entrance gate is open, locating the security barrier at a distance within the site and use of a traffic marshal.</p> <p>For general construction vehicle access, no reversing to/from the site onto Nine Elms Lane is allowed. Thames Water operations willshall require 'business as usual' access to the pumping station.</p> <p>Pedestrian access willshall be maintained to and</p>

Topic	Site-specific requirement
	from Battersea Barge during construction, including during its temporary relocation.
Traffic management	<p>Access to the site is from the west with left turn into the site from Nine Elms Lane (A3035). Egress from the site willshall be left turn out travelling east towards Vauxhall.</p> <p>Due to the site being constrained, the contractor may need to consider the use of a turntable, or restrict lorry size to meet the requirement to prevent reversing onto Nine Elms Lane. Both receiving areas for vehicles within the site are constrained. The contractor shall take account of the restrictions and take measures to address the requirement not to reverse onto Nine Elms Lane, which may include:</p> <ul style="list-style-type: none"> a. <u>Restricting the size of allowable vehicles to 7.5t Gross Vehicle Weight at the western access</u> b. <u>Installing a turntable facility.</u> c. <u>Restricting the size of allowable vehicles to 18t Gross Vehicle Weight at the eastern access</u> d. <u>Installing a 'hammerhead' turning area</u> e. <u>Collapsible hoarding at the western site turning area to accommodate the vehicle overhang.</u> f. <u>Provision of qualified traffic marshals at both accesses and both turning points.</u> <p>Signage, safe crossing points, and other required measures willshall be provided for pedestrians and cyclists at site accesses to address the potential hazards.</p>
Event restrictions	As per text in CoCP Part A.
River transport	As per text in CoCP Part A.

6 Noise and vibration

Control measures	<p>2.4m noise barrier on edges of temporary cofferdam.</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 twin-drum vibrating rollers willshall only occur on occasions where</p>
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Topic	Site-specific requirement
	<p>vibration levels can be controlled to less than the impact criteria.</p> <p>The loading and unloading of barges willshall only be carried out during standard working hours</p> <p><u>Low noise and vibration piling 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 Riverlight Block F.</u></p>
Other	As per text in CoCP Part A.

7 Air quality	
Topic	Site-specific requirement
Vehicle and plant emissions	As per text in CoCP Part A.
Dust emissions/control	As per text in CoCP Part A.
Odour	As per text in CoCP Part A.
Other	As per text in CoCP Part A.

8 Water resources	
Topic	
Control of pollution: surface water / groundwater	All hardstanding (as far as reasonably practicable) on non-foreshore sites to incorporate permeable surfacing.
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	
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	<p>Membrane to be installed between the river bed and temporary back fill material to prevent contamination of juvenile fish habitat.</p> <p>Areas of foreshore used for temporary works willshall be restored to similar condition and material as was present prior to the works.</p>
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	
Other	During construction of the new river wall including any in-river activities, the Contractor's method for the river works will shall minimise the risk of impact on the known Saxon fish trap located on the foreshore outside of the northeastern corner of the site, by selecting suitable river plant and operating procedures.

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

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