

Thames Tideway Tunnel
Thames Water Utilities Limited



Application for Development Consent

Application Reference Number: WWO10001

Code of Construction Practice Part B: Site Specific Requirements

Earl Pumping Station - Revised 3 March 2014

Doc Ref: **APP178.39**

Folder **215**
3 March 2014

DCO-DT-APP-ZZ100-783900

**Thames
Tideway Tunnel**



Creating a cleaner, healthier River Thames



Code of Construction Practice Part B: Site-specific requirements

Earl Pumping Station

This page intentionally left blank

Thames Tideway Tunnel

Code of Construction Practice Part B

Earl Pumping Station

List of contents

	Page number
1 Introduction	1
2 General requirements	2
3 Communications and community/stakeholder liaison	2
4 Site operation	2
5 Public access, highway and river transport	3
6 Noise and vibration	4
7 Air quality.....	4
8 Water resources	5
9 Land quality	5
10 Waste management and resource use	5
11 Ecology (aquatic and terrestrial)	5
12 Historic environment	6
13 Other	6

List of figures

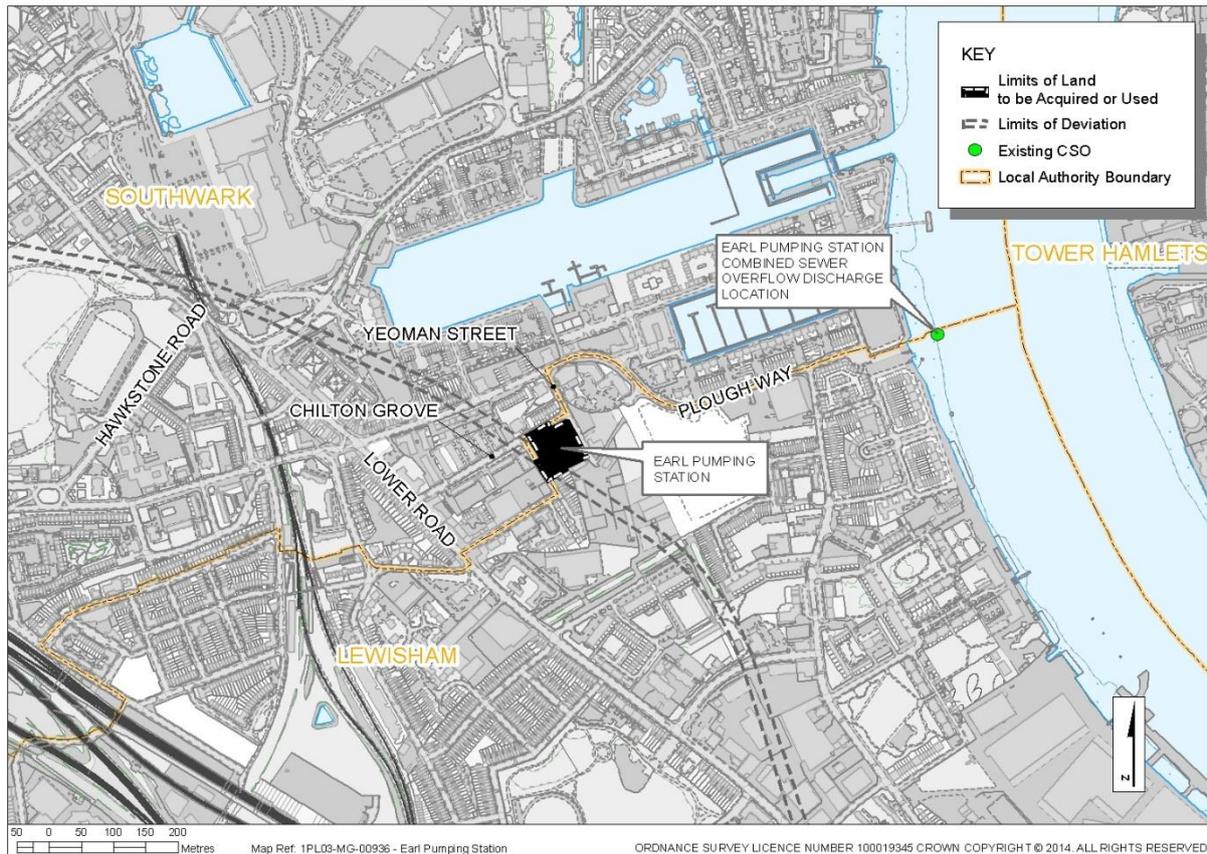
	Page number
Figure 1.1 Earl Pumping Station: Site context and location plan	2

This page intentionally left blank

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 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 Earl Pumping Station site and sets out 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 Lewisham 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 showing the location of the site is shown in Figure 1.1 overleaf.

Figure 1.1 Earl 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 A working group shall be convened with representatives made up from residents, local councillors, contractors, the employer, and officers from the London Boroughs of Southwark and Lewisham.

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. <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 (both the London</p>

Topic	Site-specific requirement
	<p>Boroughs of Southwark and Lewisham) under Section 61 of the Control of Pollution Act 1974.</p> <p>Extended working hours are required at this site to carry out major concrete pours to construct the CSO drop shaft including diaphragm wall panels, base slab, roof slab and other large elements. The contractor shall consult with and provide advance notice to the London Borough of Lewisham regarding the exact timing of any working during extended hours.</p> <p>The London Borough of Southwark shall be notified of any extended working hours at Earl Pumping Station.</p>
Site layout	The site layout shall be arranged to provide for a one-way system for all routine vehicles entering from Yeoman Street and exiting from Croft Street.
Site security/hoarding requirements	<p>The hoarding shall incorporate suitable art work on public-facing sections, as defined in <i>CoCP</i> Part A para. 4.3.4a.</p> <p>The standard hoarding shall be 3.6m high around this site.</p> <p>The hoarding on the south boundary shall be reviewed having regard to the progress of development proposals on adjacent land.</p>
River works	N/A
Other items	All concrete used at the site shall be delivered pre-mixed and no concrete batching shall take place onsite.

5 Public access, highway and river transport

Topic	Site-specific requirement
Site access and gates	Access to the site shall be from Plough Way (B206), right turn into Yeoman Street and right turn into the site. Egress shall be onto Croft Street with vehicles turning right out only, along Chiltern Grove and Yeoman Street, then along Plough Way (B206) towards Lower Road (A200). No access shall be permitted through Croft Street to the south and Chilton Grove to the west.
Traffic management	The contractor shall implement suitable traffic management measures during the works to connect to the existing sewer and divert existing services in Chilton Grove and Croft Street during diversion of the

Topic	Site-specific requirement
	<p>Earl Sewer around the CSO drop shaft. During this phase, vehicles shall exit the site onto Yeoman Street.</p> <p>Revised parking arrangements and necessary suspensions shall be agreed with the London Boroughs of Lewisham and Southwark.</p> <p>Highway layout changes, including removal of traffic-calming features and junction modifications (requiring short-term pedestrian and traffic management), shall be agreed with the London Boroughs of Lewisham and Southwark.</p>
Event restrictions	Event restrictions shall be agreed in consultation with the London Boroughs of Lewisham and Southwark and Transport for London.
River transport	N/A
Other	The footway diversions on Croft Street, Chilton Grove and Yeoman Street shall be adequately signed and protected.

6 Noise and vibration

Topic	Site-specific requirement
<p>Control measures</p> <p>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>	<p>Material onsite shall be compacted using machinery that generates the lowest practicable vibration levels that can achieve the required level of compaction. Specifically, large twin-drum vibrating rollers shall only be used where vibration levels can be controlled to less than the impact criteria set out in the <i>Environmental Statement</i>, Vol 22: Earl Pumping Station, Tables 9.5.2 and 9.5.3.</p>
Other	Real-time noise monitoring shall be carried out at locations agreed in with the London Borough of Lewisham. Details will be submitted in the Noise and Vibration Management Plan.

7 Air quality

Topic	Site-specific requirement
Vehicle and plant emissions	As per the <i>CoCP</i> Part A.
Dust emissions/control	During excavation of contaminated soils, air monitoring for naphthalene shall be carried out.
Odour	As per the <i>CoCP</i> Part A.

Topic	Site-specific requirement
Other	N/A

8 Water resources

Topic	Site-specific requirement
Control of pollution: surface water/groundwater	The contractor shall define and submit pollution control measures to the London Boroughs of Lewisham and Southwark and the Environment Agency for approval prior to dewatering potentially heavily contaminated materials.
Control on abstraction	As per the <i>CoCP</i> Part A.
Ground treatment	As per the <i>CoCP</i> Part A.
Other	All temporary hardstanding (as far as reasonably practicable) shall incorporate permeable surfacing (Sustainable Drainage Systems/flood risk alleviation).

9 Land quality

Topic	Site-specific requirement
Site works	During excavation of contaminated soils, air monitoring for naphthalene shall be carried out.
Site-specific issues/mitigation	The contractor shall discuss land quality assessments and remediation with the London Boroughs of Lewisham and Southwark and obtain their approval in accordance with the contaminated land requirements.

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	As per the <i>CoCP</i> Part A.

Topic	Site-specific requirement
Protection of trees	The contractor shall carry out an assessment on retained vegetation during small excavation works within the site that have potential for damage and develop any necessary mitigation measures for proposed construction methods.
Other	N/A

12 Historic environment

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

13 Other

Topic	Site-specific requirement
Other	N/A

Copyright notice

Copyright © Thames Water Utilities Limited March 2014.
All rights reserved.

Any plans, drawings, designs and materials (materials) submitted by Thames Water Utilities Limited (Thames Water) as part of this application for Development Consent to the Planning Inspectorate are protected by copyright. You may only use this material (including making copies of it) in order to (a) inspect those plans, drawings, designs and materials at a more convenient time or place; or (b) to facilitate the exercise of a right to participate in the pre-examination or examination stages of the application which is available under the Planning Act 2008 and related regulations. Use for any other purpose is prohibited and further copies must not be made without the prior written consent of Thames Water.

Thames Water Utilities Limited

Clearwater Court, Vastern Road, Reading RG1 8DB

The Thames Water logo and Thames Tideway Tunnel logo are © Thames Water Utilities Limited. All rights reserved.

