

**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**

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**Thames  
Tideway Tunnel**



Creating a cleaner, healthier River Thames



# Code of Construction Practice Part B: Site-specific requirements

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## Earl Pumping Station

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# Thames Tideway Tunnel

## Code of Construction Practice Part B

### Earl Pumping Station

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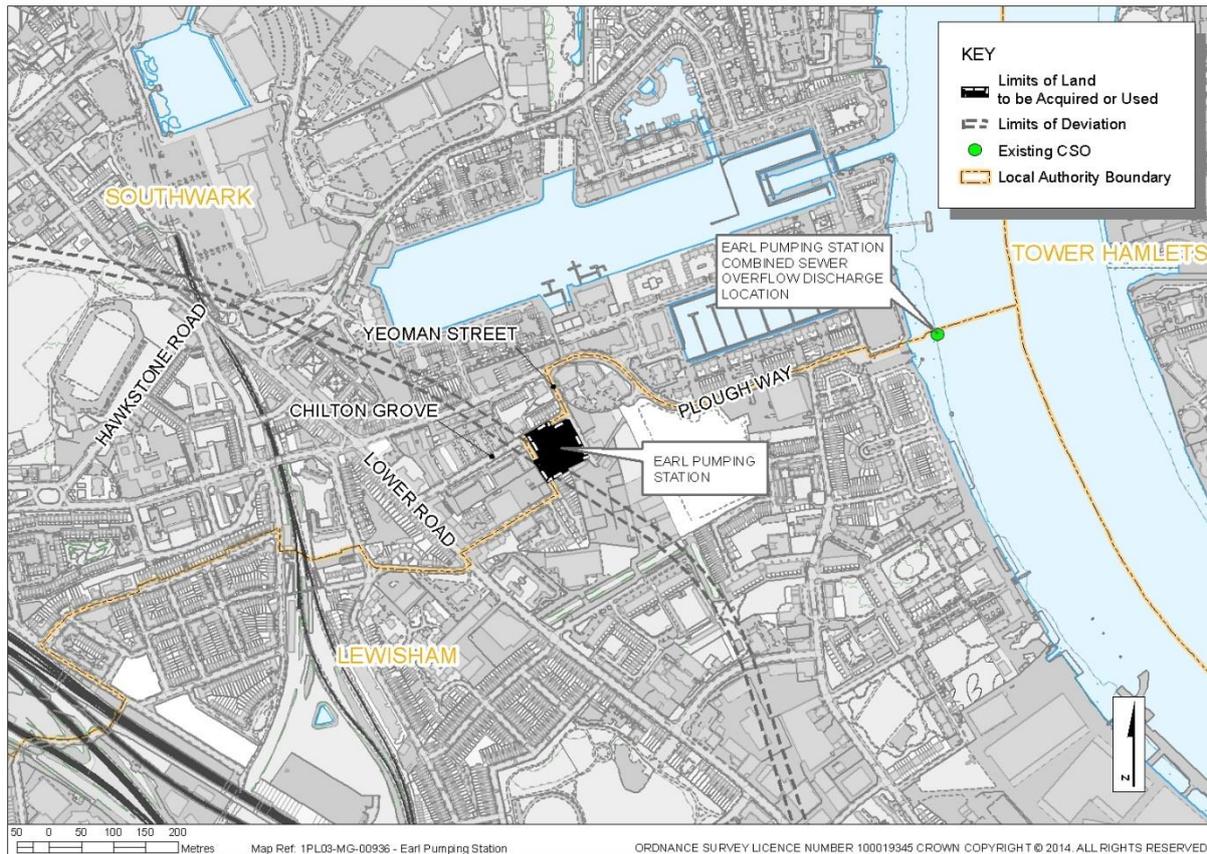
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# 1 Introduction

- 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 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"> <li>a. standard</li> <li>b. extended.</li> </ul> <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                       |

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