

**Thames Tideway Tunnel**  
Thames Water Utilities Limited



# Application for Development Consent

Application Reference Number: WWO10001

## Code of Construction Practice Part B: Site Specific Requirements

**Beckton Sewage Treatment Works - Revised 3 March 2014**

Doc Ref: **APP178.47**

Folder **215**  
3 March 2014

**DCO-DT-APP-ZZ100-784700**

**Thames  
Tideway Tunnel**



Creating a cleaner, healthier River Thames



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

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## Beckton Sewage Treatment Works

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# Thames Tideway Tunnel

## Code of Construction Practice Part B Beckton Sewage Treatment Works

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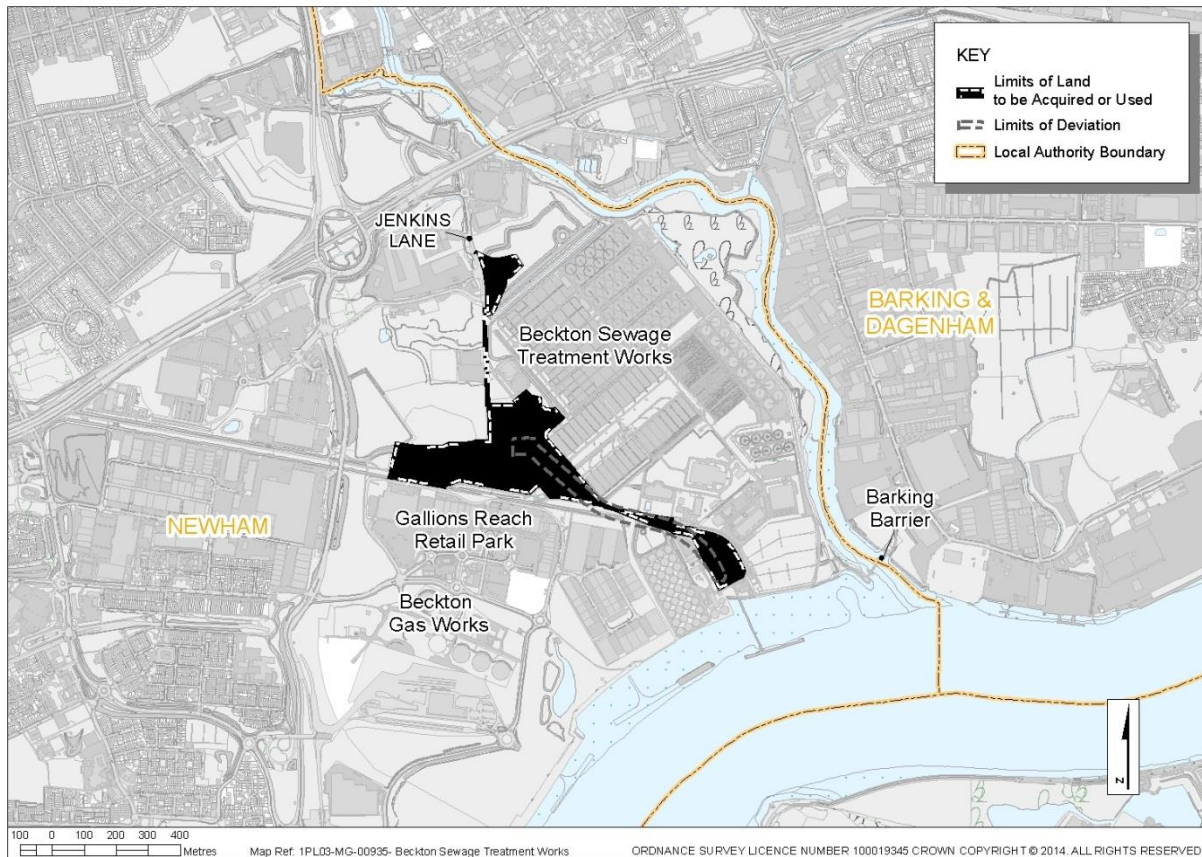
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## 1 Introduction

- 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 Beckton Sewage Treatment Works 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 Newham 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 Beckton Sewage Treatment Works: 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"> <li>a. Standard</li> <li>b. extended</li> <li>c. continuous during tunneling operations.</li> </ul> <p>Subject to agreement with the London Borough of Newham, other operations such as shaft sinking may also be carried out on a continuous working basis.</p> <p>When other types of working hours (CoCP Part A,</p>

Topic	Site-specific requirement
	Table 4.1) are required, these shall be subject to consent from the local authority under Section 61 of the Control of Pollution Act 1974.
Site layout	The site area lies within the existing Thames Water sewage treatment works. It shall exclude the area of the Northern Outfall Sewer downstream of the Beckton Inlet Works, which is part of the Greenway Site of Importance for Nature Conservation.
Site security/hoarding requirements	Adequate security barriers shall be provided around the works area, which shall be either steel open mesh fencing or closed board hoarding.
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 access to the project site shall be via Thames Water sewage treatment works land, from Alfred's Way (A13) to the main entrance of the sewage treatment works. Limited parking for workers shall be permitted at this site.
Traffic management	As per the <i>CoCP</i> Part A.
Event restrictions	N/A
River transport	N/A

## 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.	As per the <i>CoCP</i> Part A.
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	As per the <i>CoCP</i> Part A.
Odour	As per the <i>CoCP</i> Part A.
Other	N/A

## 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	N/A

## 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	Inlet upgrade works shall be carried out outside the bird nesting season of March to September (inclusive) to avoid disturbing the barn owl nest identified onsite. A suitably qualified ecologist shall carry out a survey before works commence to ensure

Topic	Site-specific requirement
	<p>that the nest is not in use. If the nest is occupied, the steps relating to Schedule 1 Bird Species described in the CoCP Part A shall be followed and mitigation such as alternative nest sites and noise control measures implemented.</p> <p>Habitat within the Greenway Site of Importance for Nature Conservation shall be protected during the works. Any works within the Greenway and Northern Outfall Sewer shall be carried out so as to retain natural scrub where practicable.</p>
Protection of trees	<p>The 'Site B' area boundary (as indicated in the site layout plan) is on the north side of an existing tree. The contractor shall protect the tree and the soft ground around it.</p>
Other	N/A

## 12 Historic environment

Topic	Site-specific requirement
Other	<p>Non-intrusive protective measures shall be put in place to prevent strike damage to the Grade II listed chimney. The London Borough of Newham and Historic Buildings and Monuments Commission for England shall be consulted on these arrangements.</p>

## 13 Other

Topic	Site-specific requirement
Other	As per the CoCP Part A.

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