

Thames Tideway Tunnel
Thames Water Utilities Limited



Application for Development Consent

Application Reference Number: WWO10001

Code of Construction Practice Part B

Doc Ref: **7:19.2**

Beckton Sewage Treatment Works

APFP Regulations 2009: Regulation **5(2)(q)**

Hard copy available in

Box **56** Folder **B**
January 2013

**Thames
Tideway Tunnel**



Creating a cleaner, healthier River Thames

This page is intentionally blank

Thames Tideway Tunnel

Code of Construction Practice Part B

Beckton Sewage Treatment Works

List of contents

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

List of figures

	Page number
Figure 1.1 Beckton Sewage Treatment Works: Site context and location plan.....	2

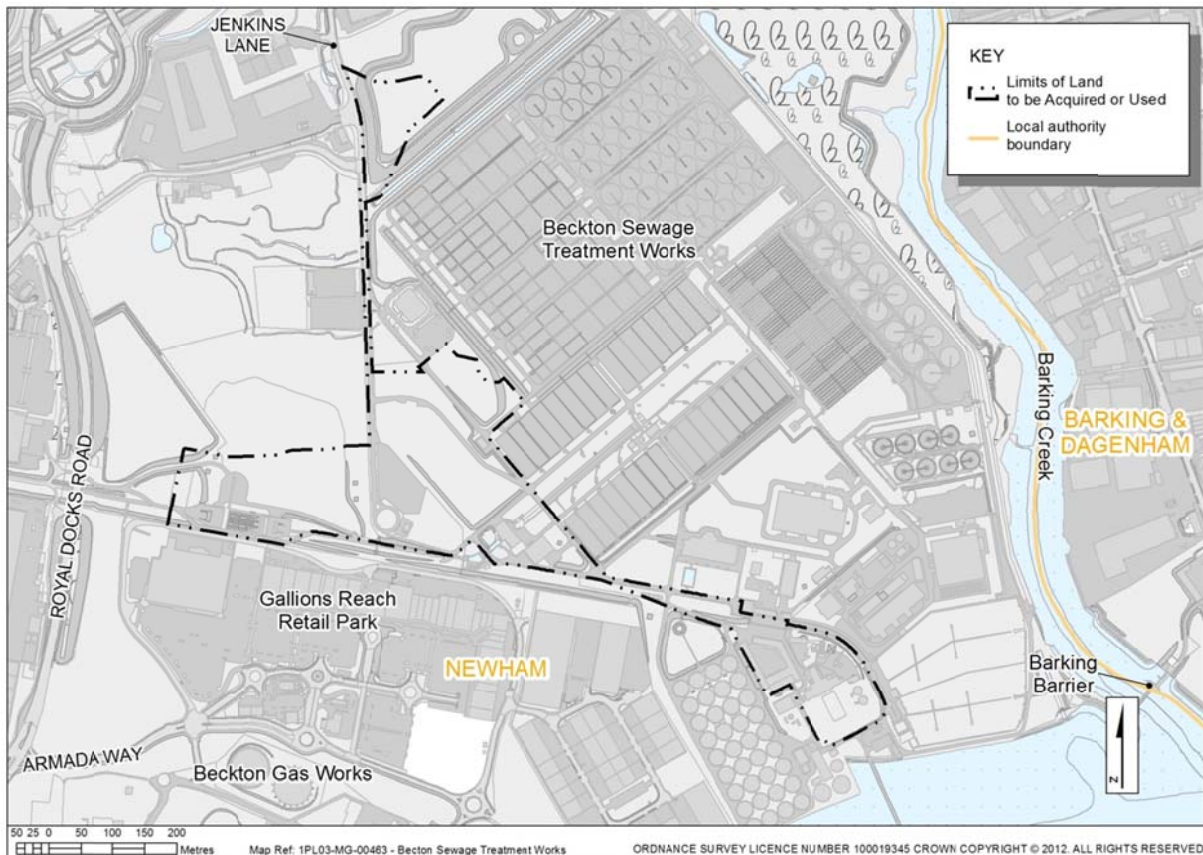
This page left intentionally blank

1 Beckton Sewage Treatment Works

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, 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 Beckton Sewage Treatment Works 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 Newham 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 Beckton Sewage Treatment Works: 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

2.1.1 As per text in CoCP Part A.

3 Communications and community/stakeholder liaison

3.1.1 As per text in CoCP Part A.

4 Site operation

Topic	Site-specific requirement
Working hours	<p>This site will adhere to the following working hours:</p> <ul style="list-style-type: none"> a. standard b. extended c. continuous (for tunneling operations). <p>Subject to agreement with the London Borough of Newham other operations such as shaft sinking could also be undertaken on a continuous basis. Other working hours subject to agreement with the council.</p>
Site layout	<p>The site area is within the existing Thames Water Sewage Treatment Works.</p> <p>The site area is to exclude the area of the Northern Outfall Sewer downstream of the Beckton Inlet Works that is part of the Greenway Site of Importance for Nature Conservation.</p>
Site security / hoarding requirements	<p>The site will have adequate security barriers around the works area. These are to be either steel open mesh fencing or closed board hoarding.</p>
Other items	<p>As per text in <i>CoCP</i> Part A.</p>

5 Public access, highway and river transport

Topic	Site-specific requirement
Site access and gates	<p>The access to the Thames Tideway Tunnel project site is through the Thames Water Sewage Treatment Works lands.</p> <p>Access is from the A13 - Alfred's Way to the main Beckton Sewage Treatment Works entrance.</p> <p>Limited parking for workers is allowed at this site.</p>
Traffic management	<p>As per text in <i>CoCP</i> Part A.</p>
Event restrictions	<p>As per text in <i>CoCP</i> Part A.</p>
River transport	<p>As per text in <i>CoCP</i> Part A.</p>

6 Noise and vibration

Topic	Site-specific requirement
Control measures	As per text in <i>CoCP</i> Part A.
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.
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	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	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	<p>Inlet upgrade works will be undertaken outside the bird nesting season of March to September (inclusive) to avoid disturbing the barn owl nest identified on site. A suitably qualified ecologist will survey prior to works taking place to ensure the nest is not being used outside nesting season. If the nest is occupied, the steps described in CoCP Part A under 'Schedule 1 Bird Species' will be followed and mitigation such as alternative nest sites and noise control measures will be implemented.</p> <p>Habitat within the Greenway Site of Importance for Nature Conservation will be protected during works (any essential works required to be undertaken within the Greenway and Northern Outfall Sewer, are to be carried out so as to retain natural scrub).</p>
Protection of trees	The Site B area boundary is on the north side of the existing tree to provide protection to trunk and soft ground.
Other	As per text in CoCP Part A.

12 Historic environment

Topic	Site-specific requirement
Other	Protection is required for the Grade II listed chimney.

13 Other

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

Copyright notice

Copyright © Thames Water Utilities Limited January 2013.
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.

DCO-DT-000-ZZZZ-071902

