



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
- Beckton Sewage Treatment Works (Compare against 23 September 2013)**

Doc Ref: **APP72.24**





Code of Construction Practice Part B: Site-specific requirements

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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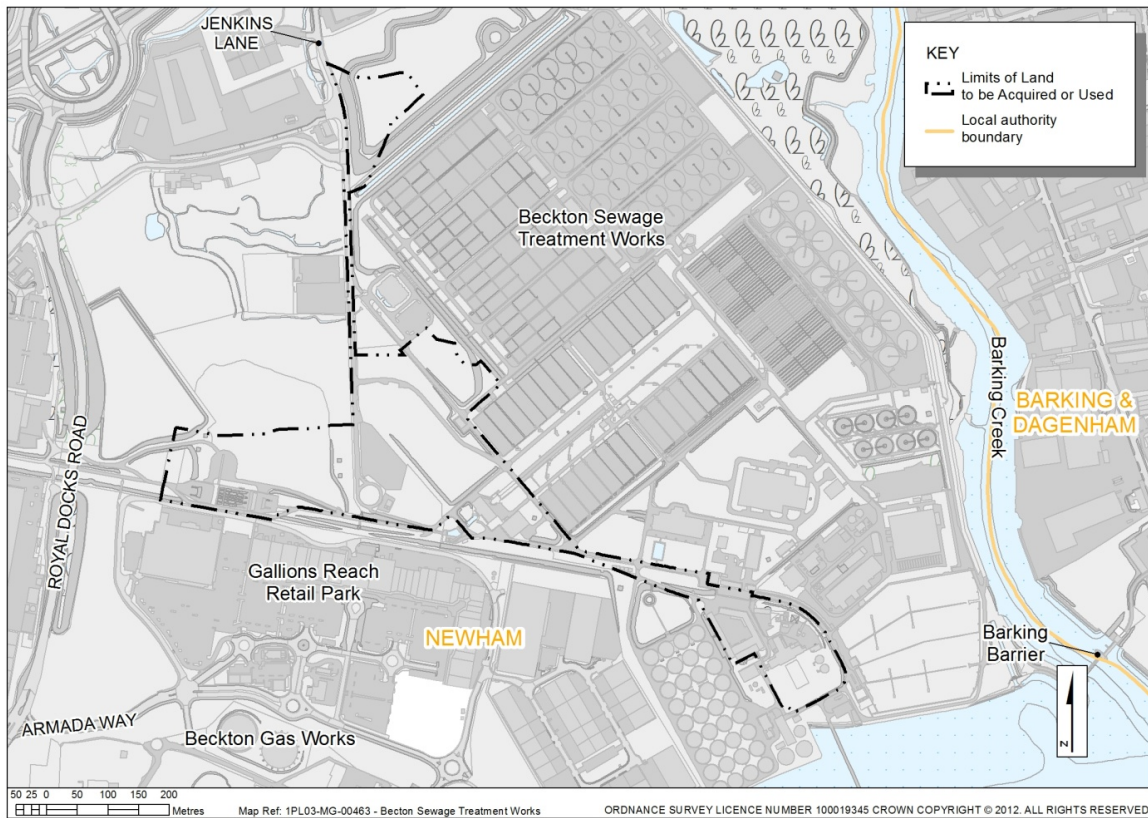
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1 Beckton Sewage Treatment Works

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 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 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

2.0.1 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

Topic	Site-specific requirement
Working hours	This site will shall adhere to the following working hours: <ul style="list-style-type: none"> a. standard b. extended c. continuous (for tunnelling operations).

Topic	Site-specific requirement
	<p>Subject to agreement with the London Borough of Newham other operations such as shaft sinking could also be undertaken on a continuous basis.</p> <p>When other types of working hours (<i>CoCP</i> Part A, Table 4.1) are required, these willshall be subject to agreement with the local authority through the Section 61 process.</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 willshall have adequate security barriers around the works area. These are to be either steel open mesh fencing or closed board hoarding.</p>
River works	As per text in CoCP Part A.
Other items	As per text in <i>CoCP</i> Part A.

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	As per text in <i>CoCP</i> Part A.
Event restrictions	As per text in <i>CoCP</i> Part A.
River transport	As per text in <i>CoCP</i> Part A.

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 CoCP Part A.
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11 Ecology (aquatic and terrestrial)	
Topic	Site-specific requirement
Protection of habitats	<p>Inlet upgrade works willshall 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 willshall 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' willshall be followed and mitigation such as alternative nest sites and noise control measures willshall be implemented.</p> <p>Habitat within the Greenway Site of Importance for Nature Conservation willshall 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. The contractor shall provide protection to trunk and soft ground.
Other	As per text in CoCP Part A.

12 Historic environment	
Topic	Site-specific requirement
Other	<p>Protection is required for<u>Non-intrusive protective measures shall be put in place to prevent strike damage of</u> the Grade II listed chimney.</p> <p>The Contractor will undertake assessments on potential impacts on the structure including settlement, accidental damage and provide any necessary on-site mitigation. If mitigation is required it shall be non-intrusive to the historic fabric of the chimney.<u>London Borough of Newham and HMBCE shall be consulted on the arrangements.</u></p>

13 Other	
Topic	Site-specific requirement

Beckton Sewage Treatment Works

Other	As per text in <i>CoCP</i> Part A.
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