



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 28 February 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

List of contents

| | Page number |
|-----------------------------------------------------------------|---------------------------|
| 1 Beckton Sewage Treatment Works | 43 |
| 1.1 General..... | 43 |
| 2 General requirements | 24 |
| 3 Communications and community/stakeholder liaison | 24 |
| 4 Site operation | 34 |
| 5 Public access, highway and river transport | 35 |
| 6 Noise and vibration | 45 |
| 7 Air quality | 45 |
| 8 Water resources | 46 |
| 9 Land quality | 46 |
| 10 Waste management and resource use | 46 |
| 11 Ecology (aquatic and terrestrial) | 56 |
| 12 Historic environment | 57 |
| 13 Other | 57 |

List of figures

| | Page number |
|--------------------------------------------------------------------------------|--------------------|
| Figure 1.1 Beckton Sewage Treatment Works: Site context and location plan..... | 24 |

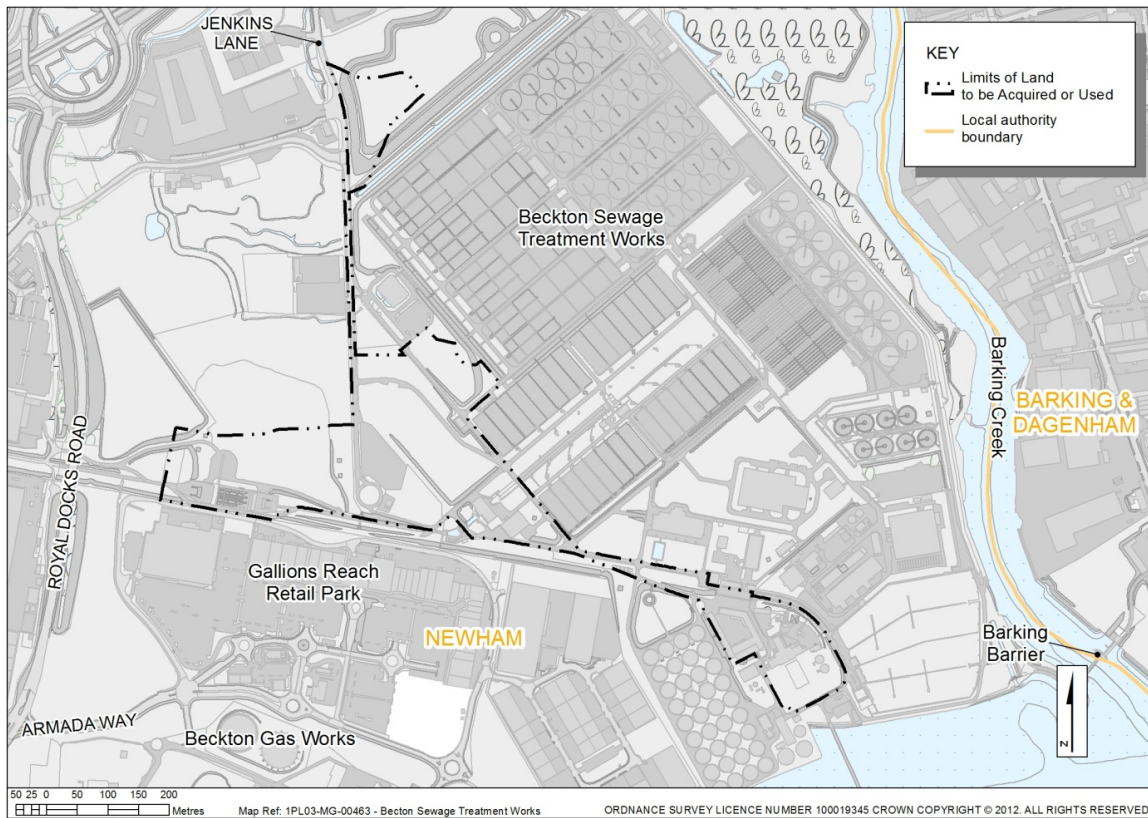
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1 Beckton Sewage Treatment Works

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 ~~Accidents~~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 <u>shall</u> 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. - Other</p> <p><u>When other types of working hours (CoCP Part A, Table 4.1) are required, these shall be subject to agreement with the council/local authority through the Section 61 process.</u></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<u>shall</u> have adequate security barriers around the works area. These are to be either steel open mesh fencing or closed board hoarding.</p> |
| <u>River works</u> | <u>As per text in CoCP Part A.</u> |
| Other items | As per text in CoCP 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 CoCP Part A. |
| Event restrictions | As per text in CoCP Part A. |
| River transport | As per text in CoCP 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. |
|-------|-----------------------------|

| 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 to . 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 | 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. <u>The London Borough of Newham and HMBCE shall be consulted on the arrangements.</u> |

| 13 Other | |
|----------|-----------------------------|
| Topic | Site-specific requirement |
| Other | As per text in CoCP Part A. |

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