Preliminary environmental information report

Figures
Volume 14: Falconbrook Pumping Station site assessment

Regulations 2 and 10 of the Infrastructure Planning (Environmental Impact Assessment) Regulations 2009
Phase two consultation documentation

General
- Your guide to phase two consultation
- Why does London need the Thames Tunnel?
- Feedback form
- Equalities form
- Customer overview leaflet

Project information papers
- Build
- Changes
- Consultation
- Design
- Environment
- Funding
- Managing construction
- Odour
- Options
- Overflow
- Regulatory framework
- Route and tunnel alignment
- Route to consent
- Settlement
- Site selection
- Timing
- Transport

Technical documents
- Air management plan
- Book of plans
- Code of construction practice Part A: General requirements
- Consultation strategy and statement of community consultation
- Design development report
- Draft waste strategy
- Interim engagement report
- Needs Report
- Phase two scheme development report

Site information papers
- Abbey Mills Pumping Station
- Acton Storm Tanks
- Albert Embankment Foreshore
- Barn Elms
- Beckton Sewage Treatment Works
- Bekesbourne Street
- Blackfriars Bridge Foreshore
- Carnwarth Road Riverside
- Chambers Wharf
- Chelsea Embankment Foreshore
- Cremorne Wharf Depot
- Deptford Chruch Street
- Dormay Street
- Earl Pumping Station
- Falconbrook Pumping Station
- Greenwich Pumping Station
- Hammersmith Pumping Station
- Heathwall Pumping Station
- Jews Row
- King Edward Memorial Park Forehore
- King George's Park
- Kirtling Street
- Other works
- Putney Bridge Foreshore
- Shad Thames Pumping Station
- Victoria Embankment Foreshore

Preliminary environmental information report
- Report on phase one consultation
- Site selection background technical paper
- Site selection methodology paper
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project.

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

Title: Vol 14 Figure 2.1.1 for PEIR
Falconbrook PS
Site Location Plan

Legend

- Photo Location
- Draft Limit of Land to be Acquired or Used
- Local Authority Boundary

Map Ref: 1PL.03-MS-00335
Date: 2011/10/10
Projection: British National Grid

Ordnance Survey Licence number 100019345
CH2M HILL accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if issued in part or issued incomplete in any way.

CH2M HILL

© Crown copyright and database right 2011.

Mapping reproduced by permission of Ordnance Survey on behalf of IMAGO © Crown copyright and database right 2011. All rights reserved.

The Point, 7th Floor,
37 North Wharf Road,
Paddington, London W2 1AF

Thames Water Utilities

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project.

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

Title: Vol 14 Figure 2.1.1 for PEIR
Falconbrook PS
Site Location Plan

Legend

- Photo Location
- Draft Limit of Land to be Acquired or Used
- Local Authority Boundary

Map Ref: 1PL.03-MS-00335
Date: 2011/10/10
Projection: British National Grid

Ordnance Survey Licence number 100019345
CH2M HILL accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if issued in part or issued incomplete in any way.

CH2M HILL

© Crown copyright and database right 2011.

Mapping reproduced by permission of Ordnance Survey on behalf of IMAGO © Crown copyright and database right 2011. All rights reserved.

The Point, 7th Floor,
37 North Wharf Road,
Paddington, London W2 1AF

Thames Water Utilities

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project.

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

Title: Vol 14 Figure 2.1.1 for PEIR
Falconbrook PS
Site Location Plan

Legend

- Photo Location
- Draft Limit of Land to be Acquired or Used
- Local Authority Boundary

Map Ref: 1PL.03-MS-00335
Date: 2011/10/10
Projection: British National Grid

Ordnance Survey Licence number 100019345
CH2M HILL accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if issued in part or issued incomplete in any way.

CH2M HILL

© Crown copyright and database right 2011.

Mapping reproduced by permission of Ordnance Survey on behalf of IMAGO © Crown copyright and database right 2011. All rights reserved.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project.

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water's consideration of the responses received to phase two consultation and any further design development that is carried out.
NOTES:

1. CONSTRUCTION ACCESS OFF THE ROAD. FORMATION OF A temporary works area to accommodate and realign the construction plant. Foundation works will be undertaken to accommodate the temporary works area. Any temporary works area will be removed and existing road alignment to be reinstated upon completion.

2. The existing bus stop will be relocated for the duration of the works. The exact location for the new bus stop will be shown on the drawings with the final location for the new bus stop confirmed by the Local Authority and Thames Water Utilities with construction work. Any temporary works area will be removed and existing road alignment to be reinstated upon completion.

Key:
- **Above Ground Structures** to be removed
- **Below Ground Structures** to be removed
- **Boundary Fence & Trees** to be removed

Project Name: **The Point, 7th Floor, Thames Water Utilities**

Demolition and Site Clearance: **FALCONSBROOK PUMP STATION**

Vol. 14 Figure 3.1.1
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

Title: Vol 14 Figure 4.4.1 for PEIR
Falconbrook Pumping Station
Air Quality and Odour - Air Quality Monitoring Locations
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

Title: Vol 14 Figure 6.4.1 for PEIR
Falconbrook PS Terrestrial Ecology - Phase 1 Habitat Survey
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water's consideration of the responses received to phase two consultation and any further design development that is carried out.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project.

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

Map Ref : .................................. 1PL03-LQ-30020
Date : .................................. 2011/10/07
Projection : .......................... British National Grid

Legend
- Draft Limit of Land to be Acquired or Used
- Draft Limit of Land 250m Buffer
- Past & present potential contamination sources

Title: Vol 14 Figure 8.4.1 for PEIR
Falconbrook Pumping Station
Land Quality
Contaminative Land Uses
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

Legend

LTT 2011 GI Proposed Boreholes
- Land
- Marine

LTT 2009 GI Drilled Boreholes
- Land
- Draft Limit of Land to be Acquired
- Draft Limit of Land 250m Buffer

This map is reproduced by permission of Ordnance Survey on behalf of HM SO. © Crown copyright and database right 2011. All rights reserved.

Title: Vol 14 Figure 8.4.2 for PEIR

Falconbrook Pumping Station

Land Quality

Proposed Borehole Locations
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project.

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

Mapping reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2011.

CH2M HILL accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if issued in part or issued incomplete in any way.

Title: Vol 14 Figure 8.4.3 for PER

Falconbrook Pumping Station

Land Quality - Environmental Records and Waste Sites
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

Title: Vol 14 Figure 9.4.1 for PEIR

Falconbrook PS
Noise and Vibration - Residential Receptors

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water's consideration of the responses received to phase two consultation and any further design development that is carried out.

Map Ref. 1PL03-NV-40026
Date 2011/09/30
Projection British National Grid

Appendix B

Area of main map

Legend
- Draft Limit of Land to be Acquired or Used
- Residential Receptors

Mapping reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2011. All rights reserved.

Ch2m Hill accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if issued in part or issued incomplete in any way.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project.

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water's consideration of the responses received to phase two consultation and any further design development that is carried out.

Title: Vol 14 Figure 10.4.1 for PEIR

Thames Tunnel

Socio-Economic - Context Plan

Legend

Draft Limit of Land to be Acquired or Used

Site Context Features

1. York Gardens
2. York Gardens Children's Centre and Adventure Playground
3. Library and Community Centre
4. Candle Wholesalers
5. Residential
6. Pennethorne House Flats
7. Bridge Wharf
8. Offices/Commercial Units
9. Car Dealership
10. Cycle Superhighway Route B

Map Ref: 1PL03-SE-20018

Projection: British National Grid

© Crown copyright and database right 2011. All rights reserved.

Mapping reproduced by permission of Ordnance Survey on behalf of HMSO. © Crown copyright and database right 2011. All rights reserved.

Ordnance Survey Licence number 100019345

CH2M HILL accept no responsibility for any circumstances, which arise from the reproduction of this map after alteration, amendment or abbreviation or if issued in part or issued incomplete in any way.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water's consideration of the responses received to phase two consultation and any further design development that is carried out.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

Legend

- Draft Limit of Land to be Acquired or Used
- Local Authority Boundary
- Designated Other Larger Protected Open Space (LBW UDP)
- Public Open Space
- Private Open Space
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water's consideration of the responses received to phase two consultation and any further design development that is carried out.

**Legend**
- Draft Limit of Land to be Acquired or Used
- Local Authority Boundary
- Rail
- Thames Path
- London Cycle Routes
- A Road

Vol 14 Figure 11.4.4 for PEIR
Falconbrook PS
Townscape and Visual Transport Network
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water's consideration of the responses received to phase two consultation and any further design development that is carried out.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan is indicative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s considerations of the responses received to phase two consultation and any further design development that is carried out.

Viewpoint Locations:
1. X - Residential receptors
2. X - Recreational receptors
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project.

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water's consideration of the responses received to phase two consultation and any further design development that is carried out.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project. The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.
This is a working draft plan which has been produced for the purpose of phase two consultation on the Thames Tunnel project.

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.

Legend
- Draft Limit of Land to be Acquired or Used
- Thames Tunnel - Abbey Mills Route
  - Main Tunnel
  - Connection Tunnel
- River Thames
- GSHP Scheme
- Chalk
- LA Groundwater Unlicensed Abstractions
- EA Chalk Piezometric Level (mATD) - January 2008
- Superficial Geology
  - Head
  - Alluvium
  - Kempton Park Gravel Member
  - Langley Silt Member
  - Lynch Hill Gravel Member
  - Hackney Gravel Member
  - London Clay Formation

The information shown on the plan is illustrative of what will be required for the purpose of constructing and operating the Thames Tunnel project. The information shown on the plan may change as a result of Thames Water’s consideration of the responses received to phase two consultation and any further design development that is carried out.
Phase two consultation (Autumn 2011)

For further information see our website:
www.thamestunnelconsultation.co.uk
or call us on 0800 0721 086