



Teddington Direct River Abstraction

Preliminary Environmental Information Report
Chapter 20 – Next steps

Volume: 1

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- 20.1.1 This Preliminary Environmental Information (PEI) Report is published as part of Thames Water Utilities Ltd (hereafter referred to as 'Thames Water' or the 'Applicant') statutory consultation material to provide consultees with a description of the likely significant effects predicted to arise from the Teddington Direct River Abstraction (TDRA) Project (hereafter referred to as 'the Project'). Following completion of the Statutory Consultation, the Applicant will take into account consultation responses to develop the Project proposals. The developed design and draft Order limits will be used to inform the Environmental Statement (ES), which will be submitted as part of the application for development consent.
- 20.1.2 The Applicant will continue to undertake surveys and modelling to further the understanding of the baseline environment and feed into assessments as necessary ahead of application. This is likely to include the following:
- a. Water resources and flood risk
 - i. Hydrodynamic modelling
 - ii. Use of pilot plant data for further modelling
 - iii. Ground investigations (GI)
 - b. Aquatic ecology
 - i. Surveys including water quality surveys, macroinvertebrates and macrophytes sampling, fish eDNA, ichthyoplankton (larval fish) surveys, modular river (MoRPH) surveys and algal bloom studies
 - ii. Assessment of biodiversity conditions
 - c. Terrestrial ecology
 - i. UK Habitat Classification and Condition Assessment
 - ii. Ground level tree assessments for bats
 - iii. Badger assessments
 - iv. Riparian mammal surveys (River Thames only)
 - v. Reptile Habitat Assessment and riparian mammal habitat assessment (Mogden Sewage Treatment Works only)
 - vi. Dormouse presence / absence surveys (Ham Lands only)
 - vii. Two-lipped door snail habitat assessment
 - viii. Aerial tree inspections for bats
 - ix. Emergency surveys of trees for bats
 - d. Historic environment
 - i. Non-invasive geophysical surveys
 - e. Townscape and visual

- i. Summer townscape and visual surveys
- f. Ground conditions and contaminated land
 - i. GI
 - ii. Results of the GI will be used to refine the conceptual site model
- g. Materials and waste
 - i. Analysis of waste types and quantities
 - ii. Preparation of the Circular Economy Statement (requiring engagement with designers and assessment of the design)
- h. Traffic and transport
 - i. Traffic surveys, including non-motorised user surveys
- i. Air quality
 - i. Air quality surveys (six-month monitoring)
- j. Noise and vibration
 - i. Numerical modelling
- k. Socioeconomic, community, access and recreation
 - i. Organisational questionnaire surveys

20.1.3 Note that the list above represents the Applicant's understanding at present, which may be subject to change as the Project develops, for example in response to survey findings or stakeholder feedback.

20.1.4 The results of the surveys and modelling will update the assessments undertaken in this PEI Report and be presented within the ES.

20.1.5 The Applicant will also continue to work with statutory organisations and interested parties, including the Environment Agency, Natural England, Greater London Archaeology Advisory Service Historic England and local planning authorities amongst others, about the potential effects, mitigation measures and opportunities to enhance the environment.

20.1.6 Due to the complex nature of the Environmental Impact Assessment and need for supporting information for the application, the final ES will be produced in a number of volumes in line with Annex A: Order of information submitted within National Significant Infrastructure Projects (NSIPs) applications within NSIP: Advice on the Preparation and Submission of Application Documents (Planning Inspectorate, 2024).

20.1.7 The ES will be supported by a number of technical appendices or standalone application documents. Prior to submission of the application, it may be appropriate to develop standalone management plans which would be secured by Development Consent Order requirements. The need for additional plans will be driven by stakeholder feedback and development of mitigation in response to residual environmental effects identified in this PEI Report.

- 20.1.8 A Non-Technical Summary of the ES will be developed to provide a summary of each of the assessed environmental aspects.

20.2 References

Planning Inspectorate. (2024). Nationally Significant Infrastructure Projects: Advice on the Preparation and Submission of Application Documents: Annex A: Order of information submitted with NSIP applications. [Online]. Available at:
<https://www.gov.uk/guidance/nationally-significant-infrastructure-projects-advice-on-the-preparation-and-submission-of-application-documents#annex-a-order-of-information-submitted-with-nsip-applications> [Accessed April 2025].

