

# **River Thames Scheme**

Preliminary Environmental Information Report Volume 4: Appendices

January 2024



View of the River Thames at Laleham Park looking south towards the M3 crossing



# **Table of Contents**

## 1 Introduction

No Appendix

# 2 **Project Description**

Appendix 2.1 – Verification of the PEIR outcomes against the Design for Statutory Consultation

Appendix 2.2 - List of potentially affected Public Rights of Way

# 3 Consideration of Alternatives

No Appendix

# 4 Approach to the Environmental Assessment

Appendix 4.1 – Responses to EIA Scoping Opinion

Appendix 4.2 – Implementation Status of Mitigation for Preliminary Environmental Information Report Assessment

# 5 Site Description

Appendix 5.1 – Environmental Baseline Surveys to Date

# 6 Air Quality

Appendix 6.1 – Air Quality Monitoring Method

Appendix 6.2 – Air Quality Construction Dust Assessment Method

Appendix 6.3 – Air Quality Summary Tables for Likely Significant and Non-Significant Environmental Effects

## 7 Biodiversity

Appendix 7.1 – Designated Sites for Nature Conservation

Appendix 7.2 – Preliminary Ecological Appraisal

Appendix 7.3 – Terrestrial and Aquatics Invasive and Non-Native Species (INNS)

Appendix 7.4 – Great Crested Newt Survey Report 2023

Appendix 7.5 – Aquatic Macrophyte and Macroinvertebrate Survey Report

Appendix 7.6 - Non-breeding Bird Survey Baseline Report 2022/23 Report

Appendix 7.7 – Habitat Regulations Assessment Hazard Identification and HRA Scope

Appendix 7.8 – Reptile Survey Report 2023

Appendix 7.9 – Biodiversity Summary Tables for Likely Significant and Non-Significant Environmental Effects

#### 8 Climatic Factors

Appendix 8.1 – Climatic Factors Summary Tables for Likely Significant and Non-Significant Environmental Effects

## 9 Cultural Heritage, Archaeology and Built Heritage

Appendix 9.1 – An Assessment of the Settings of Heritage Assets Stage 1 and 2

Appendix 9.2 – Stage 1 Evaluation Report

Appendix 9.3 – Stage 2 Trial Trench Evaluation Chertsey Abbey Meads Report

Appendix 9.4 – Stage 2 Trial Trench Evaluation: Desborough Island Report

Appendix 9.5 - River Thames Stage 2: Sunbury Weir and Teddington Weir

Archaeological Test Pit and Auger Evaluation Report

Appendix 9.6 - Bed Lowering Downstream of Desborough Cut Geoarchaeological

Borehole Survey, Watching Brief on Site Investigation and Grab-Sampling of

Geophysical Anomalies

Appendix 9.7 – Cultural Heritage Summary Tables for Likely Significant and Non-Significant Environmental Effects

#### 10 Flood Risk

Appendix 10.1 – Flood Risk Summary Tables for Likely Significant and Non-Significant Environmental Effects

#### 11 Health

Appendix 11.1 – Updated Health Baseline

Appendix 11.2 - Health Evidence Base

Appendix 11.3 – Health Summary Tables for Likely Significant and Non-Significant Environmental Effects

# 12 Landscape and Visual Amenity

Appendix 12.1 – Scope of Lighting Impact Assessment

Appendix 12.2 – LVIA Summary Tables for Likely Significant and Non-Significant Environmental Effects

#### 13 Materials and Waste

Appendix 13.1 – Materials and Waste Summary Tables for Likely Significant and Non-Significant Environmental Effects

#### 14 Noise and Vibration

Appendix 14.1 – Baseline Noise Survey Report 2023

Appendix 14.2 – Noise and Vibration Summary Tables for Likely Significant and Non-Significant Environmental Effects

# 15 Socio-Economics

Appendix 15.1 - Land Use and Agricultural Baseline DBA

Appendix 15.2 - Non-Motorised User Survey Report

Appendix 15.3 – Socio-economics Summary Tables for Likely Significant and Non-Significant Environmental Effects

## 16 Soils and Land

Appendix 16.1 – Soils and Land Summary Tables for Likely Significant and Non-Significant Environmental Effects

## 17 Traffic and Transport

Appendix 17.1 – Transport Assessment Scoping Report

Appendix 17.2 – HGV Flows Generated by Transportation of Excavated Materials

Appendix 17.3 – Traffic and Transport Summary Tables for Likely Significant and Non-Significant Environmental Effects

#### 18 Water Environment

Appendix 18.1 – Preliminary WFD Compliance Assessment

Appendix 18.2 – Sensitivity Rating for Water Receptors

Appendix 18.3 – Water Environment Summary Tables for Likely Significant and Non-Significant Environmental Effects

# 19 Cumulative Effects Assessment

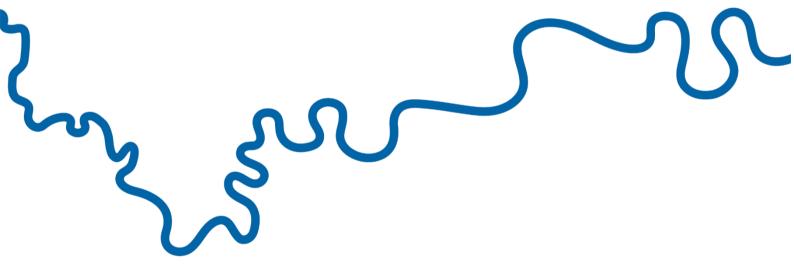
Appendix 19.1 – Long List of 'Other Developments'

# 20 Stakeholder Engagement

No Appendix

# 21 Next Steps

No Appendix







The River Thames Scheme represents a new landscape-based approach to creating healthier, more resilient and more sustainable communities by reducing the risk of flooding and creating high quality natural environments.