

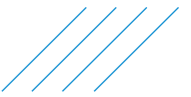


# Cambridge South East Transport Phase 2

## Environmental Statement

Volume 3: Appendices

31st July 2023

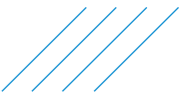


## DOCUMENT CONTROL

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Version	Date	Author	Check	Review	Authorised	Description
1	31/07/23	Multiple	DP	TC	GB	Draft

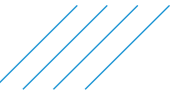




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## APPENDIX 1.0 INTRODUCTION

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### Appendix 1.1 Competent expert evidence



## APPENDIX 2.0 PROJECT DESCRIPTION

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### Appendix 2.1 Drainage strategy



## Appendix 2.2 Landscape and Ecological Management Plan (LEMP)



## Appendix 2.3 Spoils Management Strategy





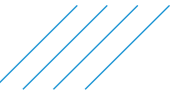
## Appendix 2.4 Code of Construction Practice



## Appendix 2.5 Construction Environmental Management Plan



## Appendix 2.6 Construction Lighting Plan



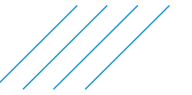
## APPENDIX 5.0 APPROACH TO THE ASSESSMENTS

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### Appendix 5.1 Scoping Report



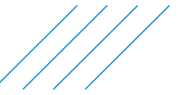
## Appendix 5.2 Scoping Opinion



## APPENDIX 6.0 AIR QUALITY

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### Appendix 6.1 Further details on method



## Appendix 6.2 Model verification



## Appendix 6.3 Modelled results





## APPENDIX 7.0 NOISE AND VIBRATION

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### Appendix 7.1 Long term noise monitoring data – Site LP2



## Appendix 7.2 Construction noise assessment



## Appendix 7.3 Construction vibration assessment



## Appendix 7.4 Operational noise – magnitude of impact



## Appendix 7.5 Modelled noise maps



## **APPENDIX 8.0 WATER ENVIRONMENT**

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### **Appendix 8.1 Flood Risk Assessment**



## Appendix 8.2 Flood modelling report



## Appendix 8.3 WFD screening assessment





## **APPENDIX 9.0 GEOLOGY AND SOILS**

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### **Appendix 9.1 Atkins Ground Investigation Report (GIR)**



## Appendix 9.2 Tetra Tech ground investigation factual report



## Appendix 9.3 Agricultural Land Classification (ALC) report



## Appendix 9.4 Mott Macdonald contamination land risk assessment



## Appendix 9.5 Envirocheck report



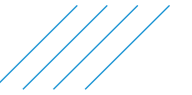
## APPENDIX 10.0 BIODIVERSITY

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### Appendix 10.1 PEA and habitats



## Appendix 10.2 Bat surveys



## Appendix 10.3 Bird surveys





## Appendix 10.4 Badger surveys



## Appendix 10.5 Otter and water vole surveys



## Appendix 10.6 Hedgehog surveys



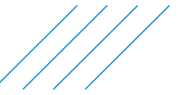
## Appendix 10.7 Reptile surveys



## Appendix 10.8 Terrestrial invertebrate surveys



## Appendix 10.9 White clawed crayfish surveys.



**Appendix 10.10 Great crested newt surveys**



**Appendix 10.11      Habitats Regulations Assessment (HRA)**





## Appendix 10.12 Biodiversity Net Gain assessment



## Appendix 10.13 Scenario Modelling for Rivers BNG



## APPENDIX 11.0 LANDSCAPE AND VISUAL

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### Appendix 11.1 Viewpoint photosheets



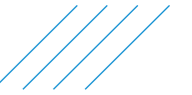
## Appendix 11.2 Photomontages



## Appendix 11.3 Lighting impact assessment



## Appendix 11.4 Arboricultural Impact Assessment



## APPENDIX 12.0 HISTORIC ENVIRONMENT

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### Appendix 12.1 Archaeological aerial investigation and mapping



## Appendix 12.2 Desk based assessment





## Appendix 12.3 Geophysical survey report No.1 (route alignment)



## Appendix 12.4 Geophysical survey report No.2 (travel hub)



## Appendix 12.5 Archaeological evaluation report



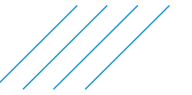
## APPENDIX 13.0 POPULATION AND HUMAN HEALTH

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### Appendix 13.1 Lower Super Output Areas (LSOA)



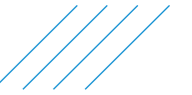
## Appendix 13.2 Ward level health profiles



## APPENDIX 14.0 TRAFFIC AND TRANSPORT

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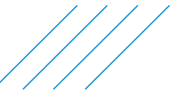
### Appendix 14.1 Traffic data



## APPENDIX 15.0 CLIMATE VULNERABILITY

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### Appendix 15.1 Detailed baseline



## APPENDIX 16.0 GREENHOUSE GASES

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### Appendix 16.1 Carbon management plan





## APPENDIX 18.0 CUMULATIVE EFFECTS

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### Appendix 18.1 Long list of developments