

High Speed Rail (Crewe – Manchester) Environmental Statement

Volume 5: Appendix EC-015-0MA08

Ecology and biodiversity

MA08: Manchester Piccadilly Station

Ecological register of local level effects

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Department
for Transport

High Speed Two (HS2) Limited has been tasked by the Department for Transport (DfT) with managing the delivery of a new national high speed rail network. It is a non-departmental public body wholly owned by the DfT.

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1 Introduction

- 1.1.1 This report is an appendix to the ecological assessment.
- 1.1.2 Table 1 provides a summary of the anticipated local/parish level adverse effects on ecological receptors arising from the construction and operation of the HS2 Phase 2b Proposed Scheme at Manchester Piccadilly Station area (MA08).
- 1.1.3 This appendix should be read in conjunction with:
- Volume 2, Community Area (CA) reports;
 - Volume 3, Route-wide effects;
 - Volume 4, Off-route effects; and
 - Volume 5, Appendices.
- 1.1.4 See Volume 5, Appendix EC-001-00001 and the Ecology and Biodiversity Map Book (Map Series EC-01), for ecological designated sites, and Appendices EC-016-00001 to EC-016-00007 and EC-016-00009 for documents to inform Habitats Regulations Assessment screening and Appropriate Assessment.
- 1.1.5 In addition, the baseline data used for the ecological assessment is set out in Background Information and Data (BID) reports¹, (see BID EC-002-00001 to BID EC-013-00001) and the BID Ecology Map Books² (Map Series EC-02 and EC-04 to EC-12) showing habitats and species relevant to the Proposed Scheme. The full list of ecological BID reports is as follows:
- Ecological baseline data – Phase 1 Habitat Survey (BID EC-002-00001);
 - Ecological baseline data – protected and notable flora (BID EC-003-00001);
 - Ecological baseline data – National Vegetation Classification and ancient woodland (BID EC-004-00001);
 - Ecological baseline data – hedgerows (BID EC-005-00001);
 - Ecological baseline data – river habitat, river macrophyte, and ditch surveys (BID EC-006-00001);
 - Ecological baseline data – amphibian and pond and canal surveys (BID EC-007-00001);
 - Ecological baseline data – reptiles (BID EC-008-00001);
 - Ecological baseline data – breeding and wintering birds (BID EC-009-00001);
 - Ecological baseline data – otter and water vole (BID EC-010-00001);

¹ High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Background Information and Data*, BID EC-002-00001 to BID EC-013-00001. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-environmental-statement>.

² High Speed Two Ltd (2022), High Speed Rail (Crewe – Manchester), *Background information and Data, Ecology Map Book: Map Series EC-02 and EC-04 to EC-12*. Available online at: <https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-environmental-statement>.

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- Ecological baseline data – bats (BID EC-011-00001);
- Ecological baseline data – white-clawed crayfish and other invertebrates (BID EC-012-00001); and
- Ecological baseline data – fish (BID EC-013-00001).

1.1.6 Note that baseline data for badger is not made publicly available due to the historic and current persecution of this species (BID EC-14-00001).

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Table 1: Summary of local/parish level adverse effects arising from the construction and operation of the Proposed Scheme within MA08

CA	Habitat, species or species group	Receptor/location	Effect arising from construction or from operation	Description of effect prior to 'other mitigation'	Effect addressed by mitigation and/or compensation proposed (Yes/No)
MA08	Woodland	Woodland north and west of the A665 Pin Mill Brow and adjacent to the River Medlock.	Construction	Degradation of habitat as a result of indirect impacts to the woodland during construction of the Proposed Scheme.	Yes
MA08	Grassland	Semi-improved grassland occurs within a park south of Palmerston Street and east of the A665 Pin Mill Brow.	Construction	Permanent loss of 200m ² (100%) of habitat as a result of construction of the Proposed Scheme.	Yes
MA08	Scrub	Scrub between industrial and commercial buildings.	Construction	Permanent loss of 300m ² (100%) of habitat as a result of construction of the Proposed Scheme.	Yes

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