

## 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

# HS2

## 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



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.

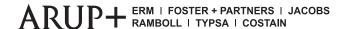
High Speed Two (HS2) Limited Two Snowhill Snow Hill Queensway Birmingham B4 6GA

Telephone: 08081 434 434

General email enquiries: HS2enquiries@hs2.org.uk

Website: www.hs2.org.uk

A report prepared for High Speed Two (HS2) Limited:





High Speed Two (HS2) Limited has actively considered the needs of blind and partially sighted people in accessing this document. The text will be made available in full on the HS2 website. The text may be freely downloaded and translated by individuals or organisations for conversion into other accessible formats. If you have other needs in this regard please contact High Speed Two (HS2) Limited.

© High Speed Two (HS2) Limited, 2022, except where otherwise stated.

Copyright in the typographical arrangement rests with High Speed Two (HS2) Limited.

This information is licensed under the Open Government Licence v3.0. To view this licence, visit www.nationalarchives.gov.uk/doc/open-government-licence/version/3 **CL** or write to the Information Policy Team, The National Archives, Kew, London TW9 4DU, or e-mail: psi@nationalarchives.gsi.gov.uk. Where we have identified any third-party copyright information you will need to obtain permission from the copyright holders concerned.



Printed in Great Britain on paper containing at least 75% recycled fibre.

Volume 5: Appendix EC-015-0MA08 Ecology and biodiversity MA08: Manchester Piccadilly Station Ecological register of local level effects

### **Contents**

1 I	Introduction	2
Table	es	
Table	e 1: Summary of local/parish level adverse effects arising from the construction and operation of the Proposed Scheme within MA08	4

Volume 5: Appendix EC-015-0MA08 Ecology and biodiversity MA08: Manchester Piccadilly Station Ecological register of local level effects

### 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) reports<sup>1</sup>, (see BID EC-002-00001 to BID EC-013-00001) and the BID Ecology Map Books<sup>2</sup> (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);

<sup>&</sup>lt;sup>1</sup> 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: <a href="https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-environmental-statement">https://www.gov.uk/government/collections/hs2-phase-2b-crewe-manchester-environmental-statement</a>.

<sup>&</sup>lt;sup>2</sup> 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.

Volume 5: Appendix EC-015-0MA08 Ecology and biodiversity MA08: Manchester Piccadilly Station Ecological register of local level effects

- 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).

Volume 5: Appendix EC-015-0MA08
Ecology and biodiversity
MA08: Manchester Piccadilly Station
Ecological register of local level effects

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 <sup>2</sup> (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 <sup>2</sup> (100%) of habitat as a result of construction of the Proposed Scheme.	Yes

#### High Speed Two (HS2) Limited

Two Snowhill Snow Hill Queensway Birmingham B4 6GA

Freephone: 08081 434 434 Minicom: 08081 456 472

Email: HS2enquiries@hs2.org.uk