

15. References and Sources of Information

15.1. Introduction

The Town and Country Planning (Environmental Impact Assessment (EIA)) Regulations 2017

Knowsley Metropolitan Borough Council (KMBC) 2026, Planning and Development, KMBC website, accessed 2 March 2026, <https://www.knowsley.gov.uk/planning-and-development>

Pegasus Group 2026, Environmental Statement for Land at Halsnead Garden Village, Phase 3, Volumes 1–2 and Non-Technical Summary, prepared for Taylor Wimpey UK Limited

15.2. Assessment Scope and Methodology

The Town and Country Planning (Environmental Impact Assessment (EIA)) Regulations 2017

The Town and Country Planning (Development Management Procedure) (England) Order 2015

Planning (Listed Buildings and Conservation Areas) Act 1990

UK Act of Parliament.

Ministry of Housing, Communities & Local Government (MHCLG) 2019, National Planning Practice Guidance: Environmental Impact Assessment, Paragraph 035.

Historic England 2015, GPA2: Managing Significance in Decision-Taking in the Historic Environment, Historic England, London.

Historic England 2017, GPA3: The Setting of Heritage Assets, Historic England, London.

Historic England 2016, HEAN2: Making Changes to Heritage Assets, Historic England, London.

Department for Transport (DfT) 2022, Circular 01/22: The Strategic Road Network and the Delivery of Sustainable Development, DfT, London.

CL:AIRE 2021, Good Practice for Risk Assessment for Coal Mine Gas Emissions, CL:AIRE, London.

Environment Agency 2020, Land Contamination Risk Management (LCRM), Environment Agency, Bristol.

Knowsley Metropolitan Borough Council (KMBC) 2020, Knowsley Landscape Character Assessment, KMBC, Knowsley.

Knowsley Metropolitan Borough Council (KMBC) 2020, Halsnead Masterplan Supplementary Planning Document, KMBC, Knowsley.

Pegasus Group 2026, Scoping Report and ES Methodology for Land at Halsnead Garden Village, Phase 3, prepared for Taylor Wimpey UK Limited, Lichfield.

References

15.3. Application Site

Knowsley Metropolitan Borough Council (KMBC) 2016, *Knowsley Local Plan Core Strategy*, adopted January 2016, KMBC, Knowsley

Knowsley Metropolitan Borough Council (KMBC) 2017, *Halsnead Garden Village Masterplan Supplementary Planning Document (HSPD)*, adopted June 2017, KMBC, Knowsley

Natural England n.d., *Agricultural Land Classification (ALC) Maps*, Natural England, viewed 2 March 2026

Environment Agency n.d., *Flood Map for Planning*, Environment Agency, viewed 2 March 2026

Natural England n.d., *Impact Risk Zones (IRZs) for SSSIs*, Natural England, viewed 2 March 2026

Historic England n.d., *National Heritage List for England (NHLE)*, Historic England, viewed 2 March 2026

Merseyside Historic Environment Record (HER) n.d., *Non-designated Heritage Assets*, Merseyside HER, Liverpool

Knowsley Metropolitan Borough Council (KMBC) 2020, *Planning Application 20/00399/OUT: Land South of Lickers Lane*, KMBC, Knowsley.

Knowsley Metropolitan Borough Council (KMBC) 2020, *Planning Application 20/00417/FUL: Fox's Lane Residential Scheme*, KMBC, Knowsley.

Knowsley Metropolitan Borough Council (KMBC) 2018, *Planning Application 18/00283/HYB: Land North of M62*, KMBC, Knowsley.

15.4. Proposed Development and Alternatives

The Town and Country Planning (Environmental Impact Assessment (EIA)) Regulations 2017

Knowsley Metropolitan Borough Council (KMBC) 2017, *Halsnead Garden Village Masterplan Supplementary Planning Document (HSPD)*, adopted June 2017, KMBC, Knowsley

Knowsley Metropolitan Borough Council (KMBC) 2017, *Halsnead Garden Village Design and Local Distinctiveness Guide*, KMBC, Knowsley

Knowsley Metropolitan Borough Council (KMBC) 2020, *Planning Application 20/00417/FUL: Fox's Lane Residential Scheme*, KMBC, Knowsley

Institution of Lighting Professionals (ILP) 2020, *Guidance Notes for the Reduction of Obtrusive Light*, ILP, Rugby

Environment Agency 2020, *Sustainable Drainage Systems (SuDS) Guidance*, Environment Agency, Bristol

UK Government / Environment Agency 2020, *Climate Change Allowances for Flood Risk Assessment*, Environment Agency, Bristol

Liverpool City Region Combined Authority (LCRCA) n.d., Strategic Investment Fund (SIF), Liverpool City Region Combined Authority, Liverpool.

Knowsley Metropolitan Borough Council (KMBC) n.d., Strategic Transport Infrastructure Requirements for Halsnead Garden Village, KMBC, Knowsley.

15.5. Socio Economics

Institute of Sustainability and Environmental Professionals (ISEP) 2025, *Social Impact Assessment Guide*, ISEP, London

Knowsley Metropolitan Borough Council (KMBC) 2016, *Knowsley Local Plan Core Strategy*, adopted January 2016, KMBC, Knowsley.

Ministry of Housing, Communities and Local Government (MHCLG) 2024, *National Planning Policy Framework*, December 2024, MHCLG, London

Ministry of Housing, Communities and Local Government (MHCLG) 2025, *Draft National Planning Policy Framework*, December 2025

Ministry of Housing, Communities and Local Government (MHCLG) 2025, *Index of Multiple Deprivation 2025*, MHCLG, London.

Office for National Statistics (ONS) 2025, *Monthly Construction Output Index*, ONS, Newport.

Office for National Statistics (ONS) 2024, *Mid-Year Population Estimates*, ONS, Newport.

Office for National Statistics (ONS) 2023, 2021 Census Data, ONS, Newport.

Office for National Statistics (ONS) 2023, Business Register and Employment Survey (BRES), ONS, Newport.

Office for National Statistics (ONS) 2023, Annual Population Survey, ONS, Newport.

Office for National Statistics (ONS) 2023, Quarterly Labour Force Survey, ONS, Newport.

Office for National Statistics (ONS) 2023, UK Business Count, ONS, Newport.

Office for National Statistics (ONS) 2023, 2022-based Subnational Population Projections, ONS, Newport.

Public Health England (PHE) 2023, *Public Health Profiles*, PHE, London.

15.6. Landscape and Visual

References

Landscape Institute and Institute of Environmental Management & Assessment (2013). *Guidelines for Landscape and Visual Impact Assessment* (3rd edn). London: Routledge.

Landscape Institute (2024). Technical Guidance Note LITGN-2024-01: Notes and Clarifications on Aspects of Guidelines for Landscape and Visual Impact Assessment Third Edition (GLVIA). London: Landscape Institute.

References

- Landscape Institute (2021). Technical Guidance Note 02/21: Assessing Landscape Value Outside National Designations. London: Landscape Institute.
- Landscape Institute (2019). Technical Guidance Note 06/19: Visual Representation of Development Proposals. London: Landscape Institute.
- Landscape Institute (2017). Technical Information Note 01/2017: Tranquillity – An Overview. London: Landscape Institute.
- Ministry of Housing, Communities & Local Government (2024). National Planning Policy Framework. London: MHCLG.
- Ministry of Housing, Communities & Local Government (2019). National Design Guide. London: MHCLG.
- Knowsley Metropolitan Borough Council (2016). Knowsley Local Plan Core Strategy. Knowsley: KMBC.
- Knowsley Metropolitan Borough Council (2006). Knowsley Replacement Unitary Development Plan. Knowsley: KMBC.
- Knowsley Metropolitan Borough Council (2016). Trees and Development Supplementary Planning Document. Knowsley: KMBC.
- Knowsley Metropolitan Borough Council (2017). Halsnead Masterplan Supplementary Planning Document. Knowsley: KMBC.
- Natural England (no date). National Character Area Profile 56: Lancashire Coal Measures. London: Natural England.
- Natural England (no date). National Character Area Profile 60: Mersey Valley. London: Natural England.
- Knowsley Metropolitan Borough Council (2007). Knowsley Landscape Character Assessment. Knowsley: KMBC.

15.7. Ecology and Nature Conservation

- Agreement on the Conservation of Populations of European Bats <https://www.eurobats.org/>
- British Standards Institution (BSI) (2012). BS 5837:2012 – Trees in relation to design, demolition and construction. Recommendations. British Standards Institution, London.
- CIEEM (2017). Guidelines for Preliminary Ecological Appraisal (2nd edition, December 2017). Chartered Institute of Ecology and Environmental Management,
- CIEEM (2018). Guidelines for Ecological Impact Assessment in the UK and Ireland: Terrestrial, Freshwater, Coastal and Marine. Chartered Institute of Ecology and Environmental Management
- Collins, J. (ed.) (2023) Bat Surveys for Professional Ecologists: Good Practice Guidelines (4th edn). The Bat Conservation Trust, London.
- Convention on Biological Diversity, Rio de Janeiro, June 1992 <https://www.cbd.int/>

Convention on the Conservation of European Wildlife and Natural Habitats. Bern, 1979
<https://www.coe.int/>

DEFRA (2011). Biodiversity 2020: A strategy for England's wildlife and ecosystem services. London: The Stationery Office

DEFRA (2014). National Pollinator Strategy: for bees and other pollinators in England. London: The Stationery Office

DEFRA and Forestry Commission (2005). Keepers of Time A Statement of Policy for England's Ancient and Native Woodland

<https://eas.merseysidebiobank.org.uk/merseyside-biodiversity-group/>

JNCC (2010). Handbook for Phase 1 habitat survey – a technique for environmental audit. Joint Nature Conservation Committee, Peterborough.

Lawton, J. (2010). Making Space for Nature: A review of England's wildlife Sites and ecological network. DEFRA, London

[LCR_RMS_EvidenceReport_v24_Optv2.pdf](#)

[LCR-and-West-Lancs-visitor-survey-report-final-v3-Report-Body.pdf](#)

Ministry of Housing, Communities and Local Government, Ministry of Housing, Communities & Local Government (2018 to 2021) and Department for Levelling Up, Housing and Communities (December 2024) National Planning Policy Framework

Office of the Deputy Prime Minister (Circular 06/2005): Biodiversity and Geological Conservation – Statutory Obligations and their Impacts. London: The Stationery Office

Oldham, R. S., Keeble, J., Swan, M. J. S. & Jeffcote, M. (2000) Evaluating the Suitability of Habitat for the Great Crested Newt (*Triturus cristatus*). The Herpetological Journal 10(4): 143 – 155

[Purpose of travel – GOV.UK](#)

[Recreation Mitigation Strategy – Merseyside Environmental Advisory Service](#)

RSPB (2015). Birds of Conservation Concern 4: the population status of birds in the United Kingdom, Channel Islands and the Isle of Man. RSPB

Section 41 of the Natural Environment and Rural Communities Act 2006, c.16, s.41.

The Birds Directive https://environment.ec.europa.eu/topics/nature-and-biodiversity/birds-directive_en

The habitats Directive https://environment.ec.europa.eu/topics/nature-and-biodiversity/habitats-directive_en

The Hedgerows Regulations 1997 (SI 1997/1160). Hedgerows Regulations 1997: protection of important countryside hedgerows.

[The People and Nature Surveys for England – GOV.UK](#)

References

<https://www.gov.uk/guidance/ancient-woodland-ancient-trees-and-veteran-trees-advice-for-making-planning-decisions>

15.8. Cultural Heritage and Archaeology

Chartered Institute for Archaeologists, 2020. *Standard and Guidance for Historic Environment Desk-Based Assessment*.

DLUHC, 2024. *National Planning Policy Framework*.

English Heritage, 2008. *Conservation Principles*.

English Heritage, 2010. *Understanding Place*.

GHC, 2026. *Heritage Statement: Foxwood Phase 3, Merseyside*.

Historic England, 2015. *Historic Environment Good Practice Advice in Planning: Note 2 – Managing Significance in Decision Taking in the Historic Environment*.

Historic England, 2017. *Historic Environment Good Practice Advice in Planning: Note 3 (second edition) – The Setting of Heritage Assets*.

Historic England, 2019. *Historic England Advice Note 12 – Statements of Heritage Significance. Analysing Significance in Heritage Assets*.

Knowsley Local Plan Core Strategy, January 2016

Levelling-up and Regeneration Act (LuRA), 2023

MHCLG, 2019. *Planning Practice Guidance*.

Planning (Listed Buildings and Conservation Areas) Act, 1990

RPS, 2021. *Halsnead Garden Village: Heritage Addendum*.

SUMO, 2018. Geophysical Survey Report: Land at Foxes bank Lane, Whiston, Knowsley.

Town and Country Planning Act (TCPA), 1990

15.9. Transport and Access

Ministry of Housing, Communities and Local Government (MHCLG) 2024, National Planning Policy Framework, December 2024, MHCLG, London.

Ministry of Housing, Communities and Local Government (MHCLG) n.d., National Planning Practice Guidance (NPPG): Travel Plans, Transport Assessments and Statements, MHCLG, London.

Institute of Environmental Management and Assessment (IEMA) 2023, Environmental Assessment of Traffic and Movement, IEMA, London.

Institute of Environmental Management and Assessment (IEMA) 2020, Environmental Impact Assessment Guide to: Climate Change Resilience and Adaptation, IEMA, London.

Institute of Environmental Management and Assessment (IEMA) 2020, Environmental Impact Assessment Guide: Assessing Greenhouse Gas Emissions and Evaluating their Significance, IEMA, London.

Knowsley Metropolitan Borough Council (KMBC) 2016, Knowsley Local Plan Core Strategy, adopted January 2016, KMBC, Knowsley.

Knowsley Metropolitan Borough Council (KMBC) 2006, Knowsley Replacement Unitary Development Plan, adopted June 2006, KMBC, Knowsley.

Knowsley Metropolitan Borough Council (KMBC) 2010, Ensuring a Choice of Travel Supplementary Planning Document, adopted September 2010, KMBC, Knowsley.

Department for Transport (DfT) n.d., TEMPro (Trip End Model Presentation Program) Version 7.2, DfT, London.

TRICS Consortium Ltd n.d., TRICS Database, TRICS Consortium, London.

CrashMap Ltd n.d., CrashMap Road Safety Database, CrashMap, UK.

Google LLC n.d., Google Maps Drive-Time Analysis, Google, California.

Office for National Statistics (ONS) 2011, Census 2011: Travel to Work Data, ONS, Newport.

15.10. Air Quality

Guidance on the assessment of dust from demolition and construction (version 2.2), IAQM, January 2024

Local Air Quality Management Technical Guidance (TG22), Defra, May 2025.

The Clean Air Strategy, Defra. January 2019.

Environmental Improvement Plan 2025, Defra. December 2025.

Ministry of Housing, Communities & Local Government, National Planning Policy Framework, (2024).

Ministry of Housing, Communities & Local Government, Planning Practice Guidance: Air Quality, (2019).

Knowsley Local Plan Core Strategy, January 2016.

The Air Quality Standards Regulations (England) 2010, Statutory Instrument No 1001, The Stationary Office Limited.

The Environment (Miscellaneous Amendments) (EU Exit) Regulations 2020, Statutory Instrument No. 1313, The Stationary Office Limited.

UK Plan for Tackling Roadside Nitrogen Dioxide Concentrations, 2017.

The Environmental Targets (Fine Particulate Matter) (England) Regulations 2023. UK Statutory Instruments 2023 No. 96.

References

- Defra, PM2.5 Targets: Interim Planning Guidance, (2024).
- Air Quality Strategy: Framework for Local Authority Delivery, Department for Environment Food and Rural Affairs, April 2023.
- The Environmental Protection Act 1990. Available at <http://www.legislation.gov.uk/ukpga/1990/43/contents>.
- UK Government, Wildlife and Countryside Act, (1981).
- UK Government, Natural Environment and Rural Communities Act, (2006).
- Local Air Quality Management Technical Guidance (22), Published by Defra in partnership with the Scottish Government, Welsh Assembly Government and Department of the Environment Northern Ireland. May 2025.
- Defra and the Greater London Authority, COVID-19: Supplementary Guidance. Local Air Quality Management Reporting in 2021. April 2021.
- <https://uk-air.defra.gov.uk/pm25targets/planning>. Accessed February 2026.
- National Highways, DMRB, LA 105 – Air Quality (Vertical Barriers), 2024.
- EPIC and IAQM, Land-Use Planning and Development Control: Planning for Air Quality, v1.2 2017.
- IAQM, A guide to the assessment of air quality impacts on designated nature conservation sites, v1.1, 2020.
- IAQM, Guidance on the Assessment Dust from Demolition and Construction, v2.2, January 2024.
- IAQM, Use of 2020 and 2021 Monitoring Datasets, v1.1, December 2023.
- KMBC Scoping Response reference: 25/00063/SO. Natural England Scoping Response Reference: 25/00063/SO.
- Environmental Impact Assessment Scoping Report. Land at Halsnead Garden Village, Phase 2b and Phase 3. Pegasus Ref: P24-1099.
- Cumulative Sites Plan. Drawing Reference: P24-1099_EN_06.
- 2025 Air Quality Annual Status Report (ASR), Knowsley Metropolitan District Council, June 2025.
- UK plan for tackling roadside nitrogen dioxide concentrations – Detailed plan, Defra and Department for Transport, July 2017.
- Framework Travel Plan. Proposed Residential Development Land at Halsnead Garden Village, Phase 3. January 2026.

15.11. Noise and Vibration

- Ministry of Housing, Communities and Local Government (MHCLG) 2024, National Planning Policy Framework, December 2024, MHCLG, London.

Ministry of Housing, Communities and Local Government (MHCLG) n.d., Planning Practice Guidance (PPG): Noise, MHCLG, London.

Department for Environment, Food & Rural Affairs (DEFRA) 2010, Noise Policy Statement for England (NPSE), DEFRA, London.

Association of Noise Consultants (ANC), Institute of Acoustics (IOA) & Chartered Institute of Environmental Health (CIEH) 2017, ProPG: Planning & Noise – Professional Practice Guidance, ANC/IOA/CIEH, London.

British Standards Institution (BSI) 2009, *BS 5228-1:2009+A1:2014 – Code of Practice for Noise and Vibration Control on Construction and Open Sites – Part 1: Noise*, BSI, London.

British Standards Institution (BSI) 2014, BS 8233:2014 – Guidance on Sound Insulation and Noise Reduction for Buildings, BSI, London.

Department of Transport 1988, Calculation of Road Traffic Noise (CRTN), HMSO, London.

Institute of Sustainability and Environmental Professionals (ISEP) 2014, Guidelines for Environmental Noise Impact Assessment, ISEP, London.

Highways England 2020, Design Manual for Roads and Bridges (DMRB): LA 111 – Noise and Vibration, Highways England, Birmingham

Knowsley Metropolitan Borough Council (KMBC) 2016, Knowsley Local Plan: Core Strategy, adopted January 2016, KMBC, Knowsley.

Knowsley Metropolitan Borough Council (KMBC) 2006, Knowsley Replacement Unitary Development Plan, adopted June 2006, KMBC, Knowsley.

Knowsley Metropolitan Borough Council (KMBC) 2017, Halsnead Garden Village Masterplan Supplementary Planning Document (SPD), KMBC, Knowsley.

UK Parliament 1990, *Environmental Protection Act 1990*, Part III, HMSO, London.

UK Parliament 1993, Noise and Statutory Nuisance Act 1993, HMSO, London.

UK Parliament 1974, Control of Pollution Act 1974, Part III, HMSO, London.

15.12. Water Resources

UK Parliament 1991, Water Resources Act 1991, HMSO, London.

UK Parliament 1991, Water Industry Act 1991, HMSO, London.

UK Parliament 1991, Land Drainage Act 1991, HMSO, London.

UK Parliament 1995, Environment Act 1995, HMSO, London.

UK Parliament 2010, Flood and Water Management Act 2010, HMSO, London.

UK Parliament 2014, Water Act 2014, HMSO, London.

References

Ministry of Housing, Communities and Local Government (MHCLG) 2015, Building Regulations: Approved Document H – Drainage and Waste Disposal, MHCLG, London.

Ministry of Housing, Communities and Local Government (MHCLG) 2024, National Planning Policy Framework, December 2024, MHCLG, London.

Ministry of Housing, Communities and Local Government (MHCLG) 2025, Flood Risk and Coastal Change Planning Practice Guidance, updated September 2025, MHCLG, London.

UK Parliament 2014, Sustainable Drainage Statement, UK Government, London.

Department for Environment, Food & Rural Affairs (DEFRA) 2025, National Standards for Sustainable Drainage Systems (SuDS), DEFRA, London.

Knowsley Metropolitan Borough Council (KMBC) 2016, Knowsley Local Plan: Core Strategy, adopted 2016, KMBC, Knowsley.

Knowsley Metropolitan Borough Council (KMBC) 2016, Sustainable Drainage and Surface Water Management Technical Guidance for Developers, KMBC, Knowsley.

Knowsley Metropolitan Borough Council (KMBC) 2017, Local Flood Risk Management Strategy (LFRMS), KMBC, Knowsley.

Environment Agency (EA) 2025, Product 4 Flood Risk Data: Logwood Mill Brook Modelling Study, EA, Warrington.

Environment Agency (EA) n.d., Flood Map for Planning, EA, viewed 2026.

BA Consulting 2023, Liverpool City Region Combined Authority Strategic Flood Risk Assessment (SFRA), JBA, Skipton.

Environment Agency (EA) 2025, Flood Risk Consultation Response to Scoping Request, EA, Warrington.

United Utilities (UU) 2025, Developer Enquiry Response, UU, Warrington.

Knowsley Metropolitan Borough Council (KMBC) – Lead Local Flood Authority (LLFA) 2025, Scoping Opinion Response, KMBC, Knowsley.