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M4 Corridor around Newport

List of Evidence for the Public Local Inquiry Library



Welsh Government
M4 Corridor around Newport
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Issue | August 2016

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It is not intended for and should not be relied upon by any third party and no responsibility is undertaken to any third party.

Job number 242707

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Introduction

This is the current list of documents as prepared by the Welsh Government for the purposes of the M4 Corridor around Newport Public Local Inquiry.

This list of documents is subject to change before the proceedings start, whilst additional documents may be added to the Public Local Inquiry Library during the proceedings.

The Public Local Inquiry Library and its contents will be kept up to date by the designated Programme Officer.

All available documents will be accessible in paper at the Public Local Inquiry venue during the course of the proceedings:

Lysaght Institute, 445 Corporation Rd, Newport NP19 0HE; and

Online at the M4 Corridor around Newport Public Local Inquiry website:

<http://m4-newport.persona-pi.com/>

Copies will also be made available during their opening hours at the following deposit centres:

- Newport Central Library, John Frost Square, Newport NP20 1PA; and
- Innovation House, Wales1 Business Park, Magor NP26 3DG.

Please note that the documents will be made available at the above locations from Monday 22 August 2016, with the following exceptions:

- a) Environmental Statement Supplement (on or around 5 September 2016);
- b) Proofs of Evidence (on or around 4 October 2016); and
- c) Various technical reports supporting the proofs of evidence (on or around 4 October 2016).

The Welsh Government is considering publishing supplementary draft Orders in relation to the Scheme. There may be a supplementary draft Scheme Order relating to navigation during construction. There may also be a supplementary draft Compulsory Purchase Order relating to land that may be required at Bencroft Lane, Monmouthshire. If published, these would be expected on or around 5 September 2016.

Documents marked with a single asterisk (*) relate to those that will be added to be available on or around 5 September 2016. Documents marked with a double asterisk (***) relate to those that will be added to be available on or around 4 October 2016.

1 Proofs of Evidence

Document	
1.1	Mr Matthew Jones BEng (Hons) CEng MICE – Chief Witness
1.1.1	Proof of Evidence
1.1.2	Summary of Proof
1.2	Mr Bryan Whittaker (Traffic)
1.2.1	Proof of Evidence
1.2.2	Summary of Proof
1.3	Mr Stephen Bussell BSc (Hons) MIED (Economics)
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1.4.2	Summary of Proof
1.5	Mr Ben Sibert BEng CEng FICE MIStructE MCIHT (Engineering)
1.5.1	Proof of Evidence
1.5.2	Summary of Proof
1.5.3	Appendices
1.6	Mr Barry Woodman BSc (Hons) MBA CEng FICE FIHE MCIHT (Construction)
1.6.1	Proof of Evidence
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1.9.1	Proof of Evidence
1.9.2	Summary of Proof

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1.10	Ms Julia Tindale BSc (Hons) MI soil SCI (Land Use, Community and Recreation)
1.10.1	Proof of Evidence
1.10.2	Summary of Proof
1.11	Mr Andy Clifton BSc (Hons) MSc CEng FGS CEnv CSci (Contamination)
1.11.1	Proof of Evidence
1.11.2	Summary of Proof
1.12	Dr Michael Bull BSc DIC PhD CEng CEnv CSci FIAQM MIEEnvSc MICHemE (Air Quality)
1.12.1	Proof of Evidence
1.12.2	Summary of Proof
1.13	Mr Tim Chapman FICE FIEI FREng (Carbon)
1.13.1	Proof of Evidence
1.13.2	Summary of Proof
1.14	Mr Phillip Evans BSc (Hons) MSc MIOA FGS (Noise & Vibration)
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1.14.2	Summary of Proof
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1.16.1	Proof of Evidence
1.16.2	Summary of Proof
1.17	Mr Mike Vaughan BEng (Hons) Exon CEng CWEM MICE MCIWEM (Flood Consequences Assessment)
1.17.1	Proof of Evidence
1.17.2	Summary of Proof
1.18	Dr Keith Jones BSc PhD MRSB CBIol (Ecology and Nature Conservation)
1.18.1	Proof of Evidence
1.18.2	Summary of Proof

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1.19	Ms Joanne Wilson BSc MSc MCIEEM CEnv (Ecology – Dormice and Water Voles)
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1.20	Mr Richard Green BSc MCIEEM CEnv SocEnv (Ecology – Bats)
1.20.1	Proof of Evidence
1.20.2	Summary of Proof
1.21	Mr Martin Scott BSc (Ecology – Ornithology)
1.21.1	Proof of Evidence
1.21.2	Summary of Proof
1.22	Mr Jonathan Vine MNI (Shipping)
1.22.1	Proof of Evidence
1.22.2	Summary of Proof
1.23	Mr John Davies MBE BSc MRTPI (Sustainable Development)
1.23.1	Proof of Evidence
1.23.2	Summary of Proof

2 Orders

Document	
2.1	Draft Orders 2016
2.1.1	THE M4 MOTORWAY (JUNCTION 23 (EAST OF MAGOR) TO WEST OF JUNCTION 29 (CASTLETON) AND CONNECTING ROADS) AND THE M48 MOTORWAY (JUNCTION 23 (EAST OF MAGOR) CONNECTING ROAD) SCHEME 201- and associated plans. [including Bridges over the navigable waterways of Newport Docks, River Usk and River Ebbw Bridges]
2.1.2	THE LONDON TO FISHGUARD TRUNK ROAD (EAST OF MAGOR TO CASTLETON) ORDER 201- and associated plans
2.1.3	THE M4 MOTORWAY (JUNCTION 23 (EAST OF MAGOR) TO WEST OF JUNCTION 29 (CASTLETON) AND CONNECTING ROADS) AND THE M48 MOTORWAY (JUNCTION 23 (EAST OF MAGOR) CONNECTING ROAD) AND THE LONDON TO FISHGUARD TRUNK ROAD (EAST OF MAGOR TO CASTLETON) (SIDE ROADS) ORDER 201– and associated plans and schedules
2.1.4	THE M4 MOTORWAY (WEST OF MAGOR TO THE EAST OF CASTLETON) AND THE A48(M) MOTORWAY (WEST OF CASTLETON TO ST MELLONS) (VARIATION OF VARIOUS SCHEMES) SCHEME 201– and associated plans
2.1.5	THE WELSH MINISTERS (THE M4 MOTORWAY (JUNCTION 23 (EAST OF MAGOR) TO WEST OF JUNCTION 29 (CASTLETON) AND CONNECTING ROADS) AND THE M48 MOTORWAY (JUNCTION 23 (EAST OF MAGOR) CONNECTING ROAD) AND THE LONDON TO FISHGUARD TRUNK ROAD (EAST OF MAGOR TO CASTLETON)) COMPULSORY PURCHASE ORDER 201– and associated maps and schedules
2.1.6	NOTICE OF A PROPOSED COMPULSORY PURCHASE OF LAND FORMING PART OF A COMMON AND RIGHTS OVER LAND FORMING PART OF A COMMON, SUCH LAND BEING KNOWN AS PART OF FORESHORES OF RIVERS EBBW AND USK (PART OF REGISTER UNIT CL1) IN THE CITY OF NEWPORT and associated plans and schedules
2.1.7	NOTICE OF A PROPOSED COMPULSORY PURCHASE OF LAND OVER A FIELD GARDEN ALLOTMENT AT GREEN MOOR LANE, MAGOR IN THE COUNTY OF MONMOUTHSHIRE and associated plans and schedules

Document	
2.2	Draft Orders Ancillary Documents 2016
2.2.1	The Statement of Reasons (explaining the proposals contained in the draft Compulsory Purchase Order)
2.2.2	The Explanatory Statement (explaining the proposals contained in the draft Scheme, draft Line and draft Side Roads Orders)
2.2.3	Public Notice of the Public Exhibitions of Draft Order Proposals
2.2.4	Public Notice announcing the draft Scheme, draft Line, and draft Side Roads Orders
2.2.5	Public Notice announcing the draft Compulsory Purchase Order
2.2.6	Public Notice announcing the Variation of the Scheme
2.2.7	Environmental Impact Assessment Notice of Environmental Statement and Assessment of Implications for European Sites Notice of Statement to Inform Appropriate Assessment
2.2.8	Environmental Impact Assessment Notice of Determination and Assessment of Implications for European Sites Notice of Statement to Inform Appropriate Assessment
2.2.9	Public Notice announcing intention to hold a Pre-Inquiry Meeting
2.2.10	Public Notice announcing details of the Public Local Inquiry*
2.3	Draft Orders Supporting Documents 2016
2.3.1	THE WELSH MINISTERS (THE M4 MOTORWAY (JUNCTION 23 (EAST OF MAGOR) TO WEST OF JUNCTION 29 (CASTLETON) AND CONNECTING ROADS) AND THE M48 MOTORWAY (JUNCTION 23 (EAST OF MAGOR) CONNECTING ROAD) AND THE LONDON TO FISHGUARD TRUNK ROAD (EAST OF MAGOR TO CASTLETON)) COMPULSORY PURCHASE ORDER 201 – Land Reference Plans and Schedule
2.3.2	M4 Corridor around Newport Environmental Statement
2.3.3	M4 Corridor around Newport Environmental Statement: Non-Technical Summary
2.3.4	M4 Corridor around Newport Statement to Inform an Appropriate Assessment under the Conservation of Habitats and Species Regulations 2010
2.3.5	Welsh Government M4 Corridor around Newport. Assessment of Implications (of highways and/or roads projects) on European Sites. Screening Report 2015
2.3.6	M4 Corridor around Newport Scheme Assessment Report
2.3.7	M4 Corridor around Newport Economic Appraisal Report
2.3.8	M4 Corridor around Newport Wider Economic Impact Assessment
2.3.9	Local Model Validation Report 2015
2.3.10	M4 Corridor around Newport Traffic Forecasting Report
2.3.11	M4 Corridor around Newport Sustainable Development Report

Document	
2.3.12	Land reference plans with Scheme Overlay Comparison (Highway Alignment superimposed for checking purposes)
2.3.13	Public Information Exhibitions 2015
2.3.14	Project Information Brochure 2015
2.3.15	Summary Brochure 2015
2.3.16	Public Information Exhibitions Report 2015
2.3.17	Public Information Exhibitions Report - Appendix A: Copies of the printed publicity materials 2015
2.3.18	Draft Orders Exhibition Materials
2.3.19	Draft Orders Summary Brochure
2.4	Draft Orders Supplements and Modifications 2016
2.4.1	Statement of Reasons explaining the proposals contained within the Order Supplements*
2.4.2	Public Notice announcing the draft Supplementary Compulsory Purchase Order*
2.4.3	Draft Supplementary Compulsory Purchase Order [Bencroft Lane amendments]*
2.4.4	Environmental Statement Supplement*
2.4.5	Traffic Forecasting Report Supplement*
2.4.6	Statement of Case
2.4.7	Draft Supplementary Scheme Order [Navigation]*
2.4.8	Public Notice announcing the draft Scheme Order*
2.4.9	Explanatory Statement explaining the proposals contained within the draft Supplementary Scheme Order*
2.4.10	Environmental Statement Supplement Summary*

3 Legislation

Document	
3.1	General
3.1.1	Newport (Monmouthshire) Harbour Act 1890 [53&54 Vict]
3.1.2	Harbour Docks and Piers Clauses Act 1847
3.1.3	The Land Compensation Act 1961
3.1.4	The Ancient Monuments and Archaeological Areas Act 1979
3.1.5	Highways Act 1980
3.1.6	Acquisition of Land Act 1981
3.1.7	Wildlife and Countryside Act 1981 (as amended)
3.1.8	Planning (Listed Buildings and Conservation Areas) Act 1990
3.1.9	The Town and Country Planning Act 1990
3.1.10	The Environment Act 1995, Chapter 25
3.1.11	Human Rights Act 1998
3.1.12	The Countryside and Rights of Way (CRoW) Act 2000
3.1.13	The Natural Environment and Rural Communities (NERC) Act 2006.
3.1.14	Climate Change Act 2008
3.1.15	Active Travel (Wales) Act 2013
3.1.16	Environment (Wales) Act 2016
3.1.17	Environment (Wales) Act 2016 Explanatory Memorandum
3.1.18	Well-being of Future Generation Act (Wales) 2015
3.1.19	Historic Environment (Wales) Act 2016
3.1.20	Planning (Wales) Act 2015
3.1.21	European Directive 92/43/EEC on the Conservation of Natural Habitats and Wild Flora and Fauna
3.1.22	Conservation of Habitats and Species Regulations 2010
3.1.23	Hedgerows Regulations 1997
3.1.24	The Highways (Assessment of Environmental Effects) Regulations 1999. SI 1999 No 369
3.1.25	Water Environment (Water Framework Directive) (England and Wales) Regulations 2003
3.1.26	The Highways (Assessment of Environmental Effects) Regulations 2007. SI 2007 No 1062
3.1.27	The Newport (South Wales) Harbour Revision (Constitution) Order 2003
3.1.28	Newport (South Wales) Harbour Commissioners Byelaws 2015

Document	
3.1.29	Directive 2014/52/EU of the European Parliament and of the Council of 16 April 2014 amending Directive 2011/92/EU on the Assessment of the Effects of Certain Public and Private Projects in the Environment
3.1.30	Directive 2011/92/EU of the European Parliament and of the Council of 13 December 2011 on the Assessment of the Effects of Certain Public and Private Projects in the Environment (codification)
3.1.31	The Marine Works (Environmental Impact Assessment) Regulations 2007. SI 2007 No. 1518
3.1.32	The Marine Works (Environmental Impact Assessment) (Amendment) Regulations 2011. SI 2011 No. 735

4 Scheme Development and Alternatives

Document	
4.1	Pre 2006 Route Review
4.1.1	Welsh Office South Wales Area Traffic Study 1990
4.1.2	<i>Not in use</i>
4.1.3	Roads in Wales: Progress and Plans for the 1990s – 1992 Supplement
4.1.4	M4 Relief Road Magor to Castleton - Initial Improvement Options report (92/2010) 1992
4.1.5	Welsh Office Assessment of Discarded Route Options 1993
4.1.6	Welsh Office Review of Northern Route Adopting Reduced Standards 1993
4.1.7	M4 Relief Road Magor to Castleton - Initial Forecasting report 1993
4.1.8	M4 Relief Road Magor to Castleton Stage 1 - Economic Assessment Report 1993
4.1.9	M4 Relief Road Magor to Castleton – Summary Report - Background to the selection of Routes for Public Consultation 1993
4.1.10	M4 Relief Road Magor to Castleton Public Consultation Brochure 1993
4.1.11	M4 Relief Road Magor to Castleton – Assessment of Discarded Northern Route Options 1993
4.1.12	Transport Research Laboratory – D of T – The Longer Term Effects of the Tyne and Wear Metro Report 1993
4.1.13	M4 Relief Road – Magor to Castleton Stage 1: Technical Appraisal Report vol. 1 1993
4.1.14	M4 Relief Road – Magor to Castleton Stage 1: Technical Appraisal Report vol. 2 1993
4.1.15	M4 Relief Road – Magor to Castleton Stage 1: Technical Appraisal Report vol.3 1993
4.1.16	M4 Relief Road – Magor to Castleton Stage 1: Technical Appraisal Report vol.4 1993
4.1.17	M4 Relief Road Magor to Castleton Statement of Results of Public Consultation and Reasons for Selection of Preferred Corridor 1994
4.1.18	M4 Relief Road Magor to Castleton Second Public Consultation for Castleton and Magor 1994
4.1.19	Welsh Office M4 Relief Road Magor to Castleton: Statement of Results of Second Public Consultation and Further Examination of Options for Crossing the River Usk and Reasons for Selection of Preferred Route 1995
4.1.20	Welsh Government press release – William Hague Announces Preferred Route for M4 Relief Road (WG ref W95234 / 027) 1995

Document	
4.1.21	M4 Relief Road (Magor to Castleton) Welsh Government letters to Chief Executives of Gwent County Council and Monmouth Borough Council (Ref 910175-315-1) with TR111 notification Serial Number 2/95 and Preferred Route plan 1995
4.1.22	M4 Relief Road Magor to Castleton – Technical Appraisal Report Third Addendum 1997
4.1.23	M4 Relief Road Magor to Castleton Welsh Government letters to Chief Executive of Newport County Borough Council and Monmouthshire County Council (Ref 910175-315-1) with TR111 notification Serial Number 1/97 and TR111 Plan - Modified Preferred Route 1997
4.1.24	Welsh Office M4 Motorway between Magor and Castleton: Common Appraisal Framework. Ove Arup and Partners 1999
4.1.25	M4 Relief Road Magor to Castleton Stage 2 – Summary of Reports and Working Papers prepared during Stage 1 Commission – 3rd Draft 2000
4.1.26	M4 Relief Road Magor to Castleton – Direction in Newport Docks Direction Made under Article 4(1) of the Town and Country Planning (General Permitted Development) Order 1995-2001
4.1.27	Trunk Road Forward Programme 2002
4.1.28	Press Release – Sue Essex announces Trunk Road Programme for Wales 2002
4.1.29	M4 Relief Road – Magor to Castleton Stage 2 – Summary Working Document 2003
4.1.30	Extract from Transport Review 2004 – M4 South East Wales 2004
4.1.31	What Light Rail Can do for Cities – Final Report – Prepared for Passenger Transport Executive Group 2005
4.1.32	What Light Rail Can do for Cities – Final Report – Appendices 2005
4.1.33	New M4 – Project Objectives Workshop Conclusions – Draft 1 2005
4.1.34	New M4 – Project Objectives Workshop Conclusions – Draft 1 2006
4.2	2006 Preferred Route
4.2.1	Transport Wales M4 Corridor Re-examination of Route Corridors, Workshop Report for 23 February 2006. Welsh Assembly Government 2006
4.2.2	Transport Wales New M4 Project - Magor to Castleton, Preferred Route Review. Welsh Assembly Government 2006
4.2.3	Transport Wales New M4 Project - Magor to Castleton, Junction Strategy Review. Welsh Assembly Government 2006
4.2.4	M4 Relief Road (Magor to Castleton) Protected Route TR111 – Newport City Council 2006
4.2.5	M4 relief Road (Magor to Castleton) Protected Route TR111 Plan – Newport City Council 2006

Document	
4.2.6	M4 Relief Road (Magor to Castleton) Protected Route TR111 – Monmouthshire County Borough Council 2006
4.2.7	M4 Relief Road (Magor to Castleton) Protected Route TR111 Plan – Monmouthshire County Borough Council 2006
4.2.8	New M4 Project (Magor to Castleton) Public Exhibitions Information Leaflet 2006
4.2.9	New M4 Project - WeITAG Planning stage: Workshop Information Pack 2007
4.2.10	New M4 Project Magor to Castleton - WeITAG Planning Stage Report 2009
4.2.11	New M4 Project - Addendum to WeITAG Planning Stage Report Draft 2 2009
4.2.12	National Transport Plan – Oral Statement by Ieuan Wyn Jones AM 2009
4.2.13	New M4 Project Magor to Castleton – WeITAG Appraisal Report Stage 1 - Draft 1 2009
4.2.14	New M4 Project Magor to Castleton – WeITAG Appraisal Report Stage 1 – Draft 3 2010
4.3	M4 Corridor Enhancement Measures (CEM) 2010 - 2013
4.3.1	M4 Corridor Enhancement Measures – Strategic Appraisal and Monitoring Report – Draft 2 2010
4.3.2	M4 Corridor Enhancement Measures – Stage 1 Review of problems and goals 2011
4.3.3	Welsh Government M4 Corridor Enhancement Measures: Appraisal Handbook 2011
4.3.4	Welsh Government M4 Corridor Enhancement Measures: Alternatives Considered – Measures Falling Outside of the M4 CEM Programme. Supporting Technical Document 2011
4.3.5	Welsh Government M4 Corridor Enhancement Measures Magor to Castleton (M4 CEM) Easing the Flow. Consultation Document. WG14775. 2012
4.3.6	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) Magor to Castleton – Consultation Document – Easing the Flow Revision A 2012
4.3.7	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) Magor to Castleton – Consultation Document – Easing the Flow Revision B 2012
4.3.8	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) Public Transport Overview 2012
4.3.9	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) Public Transport Overview Appendices 2012
4.3.10	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) Health Impact Assessment. 2012.
4.3.11	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) Equality Impact Assessment. November 2012.

Document	
4.3.12	Welsh Government M4 Corridor Enhancement Measures (CEM) Strategic Environmental Assessment (SEA) Environmental Report. WG16557. 2012
4.3.13	Welsh Government M4 Corridor Enhancement Measures (CEM) Strategic Habitats Regulations Assessment (SHRA) Screening Report. WG16557. 2012
4.3.14	Welsh Government M4 Corridor Enhancement Measures (CEM) Strategic Habitats Regulations Assessment (SHRA) Statement to inform Appropriate Assessment. WG16557. 2012
4.3.15	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) WeITAG Appraisal Report Stage 1 (Strategic Level) 2013
4.3.16	Welsh Government M4 Corridor Enhancement Measures Public Transport Overview Update 2013
4.3.17	Welsh Government M4 Corridor around Newport WeITAG Appraisal Report Stage 1 (Strategic Level) 2013
4.3.18	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) Environmental Assessment Scoping Report 2013
4.3.19	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) Health Impact Assessment Scoping Report 2013
4.3.20	<i>Not in use</i>
4.3.21	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) Participation Report Full Report 2013
4.3.22	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) Participation Report – Executive Summary 2013
4.3.23	Welsh Government M4 Corridor Enhancement Measures (M4 CEM) Participation Report – Appendices 2013
4.4	Draft Plan 2013
4.4.1	Welsh Government M4 Corridor around Newport draft Plan: Consultation Document. WG19741.
4.4.2	Welsh Government M4 Corridor around Newport draft Plan: Equality Impact Assessment. WG19741.
4.4.3	Welsh Government M4 Corridor around Newport draft Plan: Strategic Environmental Assessment Scoping Report.
4.4.4	Welsh Government M4 Corridor around Newport draft Plan: Health Impact Assessment. WG19741.
4.4.5	Welsh Government M4 Corridor around Newport draft Plan: Consideration of the options in relation to the requirements of the Habitats Regulations. WG19741.
4.4.6	Welsh Government M4 Corridor around Newport draft Plan: Strategic Environmental Assessment Environmental Report. WG19741.
4.4.7	Welsh Government M4 Corridor around Newport draft Plan: Consultation Response Form. WG19741.

Document	
4.4.8	Strategic Environmental Assessment Environmental Report - Appendix B: Review of Relevant Plans, Policies and Programmes
4.4.9	Strategic Environmental Assessment Environmental Report - Appendix C: Review of Baseline Information
4.4.10	Strategic Environmental Assessment Environmental Report Non-Technical Summary
4.4.11	Strategic Environmental Assessment Environmental Report Non-Technical Summary - Appendix A: The draft Plan and Reasonable Alternatives
4.4.12	M4 Corridor around Newport Welsh Transport Planning and Appraisal Guidance (WelTAG) Stage 1 Appraisal (Strategy Level) Report
4.5	The Plan 2014
4.5.1	Ministerial Statement – Edwina Hart June 2013
4.5.2	Ministerial Statement – Edwina Hart July 2013
4.5.3	Ministerial Statement –Edwina Hart, Rail Priorities July 2013
4.5.4	The Blue Route – A Cost Effective Solution to relieving M4 Congestion around Newport – Institute of Welsh Affairs and Chartered Institute of Logistics and Transport December 2013
4.5.5	Welsh Government M4 Corridor around Newport - Motorway South of Newport. WelTAG Stage 1 & 2 (Scheme) Appraisal.
4.5.6	M4 Corridor around Newport Outcomes of Draft Plan Process (Redacted)
4.5.7	Welsh Government M4 Corridor around Newport: The Plan.
4.5.8	Welsh Government M4 Corridor around Newport: The Plan. Health Impact Assessment Report.
4.5.9	Welsh Government M4 Corridor around Newport: The Plan. Equality Impact Assessment Report.
4.5.10	Welsh Government M4 Corridor around Newport: The Plan. Consultation Participation Report and Appendices.
4.5.11	Welsh Government M4 Corridor around Newport. The Plan: Consultation Report, Appendix A1: Full Factual Consultation Report
4.5.12	Welsh Government M4 Corridor around Newport: The Plan. Strategic Appraisal of Alternatives Considered During Consultation.
4.5.13	Welsh Government M4 Corridor around Newport: The Plan. Strategic Environmental Assessment Post-Adoption Statement.
4.5.14	The Plan: Strategic Environmental Assessment: Post-Adoption Statement - Appendix A: SEA Scoping Report: Consideration of Statutory Consultee Responses
4.5.15	The Plan: Strategic Environmental Assessment: Post-Adoption Statement - Appendix B: SEA Environmental Report: Statutory Consultee Responses

Document	
4.5.16	The Plan: Strategic Environmental Assessment: Post-Adoption Statement - Appendix C: SEA Environmental Report: Consideration of Statutory Consultee Responses
4.5.17	M4 Corridor around Newport - Motorway to the South of Newport Business Case
4.5.18	Welsh Government M4 Corridor around Newport - Motorway South of Newport. Design Manual for Roads and Bridges Stage 2 Scheme Assessment Report Vol 1 Report
4.5.19	Welsh Government M4 Corridor around Newport - Motorway South of Newport. Design Manual for Roads and Bridges Stage 2 Environmental Assessment Vol 2 Appendices.
4.5.20	Statement by the Welsh Government update on the M4 Corridor around Newport
4.5.21	<i>Not in use</i>
4.5.22	Evidence to NAW Environment and Sustainability Committee by Professor Stuart Cole October 2013
4.5.23	Submission to NAW Environment and Sustainability Committee by Wildlife Trust Wales Submission October 2013
4.5.24	Submission to NAW Environment and Sustainability Committee by Friends of the Earth October 2013
4.5.25	Submission to NAW Environment and Sustainability Committee by RSPB October 2013
4.5.26	Letter from Chair of NAW Environment and Sustainability Committee to Edwina Hart AM November 2013
4.5.27	Letter from Edwina Hart AM to the chair of the E & S Committee with Annexes December 2013
4.5.28	Letter from the chair of the E & S Committee to Edwina Hart AM January 2014
4.5.29	Letter from Edwina Hart AM to the chair of the E & S Committee February 2014
4.5.30	Letter from the chair of the E & S Committee to Edwina Hart AM February 2014
4.5.31	Letter from Edwina Hart AM to the chair of the E & S Committee March 2014
4.5.32	Letter from the chair of the E & S Committee to Edwina Hart AM June 2014
4.5.33	Letter from Edwina Hart AM to the chair of the E & S Committee June 2014
4.5.34	Letter from the chair of the E & S Committee to Edwina Hart AM 3 July 2014
4.5.35	Letter from the chain of the Environment and Sustainability Committee to Edwina Hart AM 18 July 2014
4.5.36	<i>Not in use</i>

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4.5.37	Evidence to Environment and Sustainability Committee by Prof Stuart Cole 21 July 2014
4.5.38	National Assembly for Wales – Environment & Sustainability Committee Report July 2014
4.5.39	Letter from Welsh Government to Alun Fred Jones AM, Chair of Environment and Sustainability Committee - 1 September 2014
4.5.40	Letter from Deighton Pierce Glynn to Welsh Government – Judicial Review Letter before Claim 4 December 2013
4.5.41	Letter from Deighton Pierce Glynn to Welsh Government – 18 December 2013
4.5.42	Letter to Deighton Pierce Glynn from Welsh Government – Response to Judicial Review Letter before Claim - 17 Dec 2013
4.5.43	Letter from Deighton Pierce Glynn to Welsh Government - 20 Dec 2013
4.5.44	Email from WG to Deighton Pierce Glynn attaching Letter before Claim and Blue Route Cost Estimate August 2014
4.5.45	R (on the application of Friends of the Earth England, Wales and Northern Ireland Ltd) v Welsh Ministers [2015] EWHC 776 (Admin) 2015
4.6	2014 Preferred Route
4.6.1	Welsh Government M4 Corridor around Newport Preliminary Sources Study Report 14/9197
4.6.2	Welsh Government M4 Corridor around Newport. Statement of Reasons for Modification of the 2006 Preferred Route for a New Section of Motorway South of Newport
4.6.3	Welsh Government M4 Corridor around Newport: Responses received from participants
4.6.4	M4 Corridor around Newport Junction Strategy Report
4.6.5	M4 Corridor around Newport Economic Assessment Report
4.6.6	M4 Corridor around Newport Local Model Validation Report
4.6.7	M4 Corridor around Newport Traffic Forecasting Report
4.6.8	M4 Corridor around Newport – New Section of Motorway South of Newport Welsh Government letters to Chief Executive of Newport City Council and Monmouthshire County Council (Ref qA 1139852) with TR111 notification Serial Number 2/2014 and TR111 Plan – Drg No 199 – TR111 Revision and Plan

5 Policy and Guidance (General)

Document	
5.1	Policy
5.1.1	Welsh Assembly Government People, Places, Futures: The Wales Spatial Plan Update 2008
5.1.2	Welsh Assembly Government One Wales: One Planet 2010
5.1.3	Welsh Government Planning Policy Wales Edition 8 2016
5.1.4	Welsh Government Programme for Government 2011-2016
5.1.5	Welsh Government Wales Infrastructure Investment Plan for Growth and Jobs 2012
5.1.6	Welsh Government Wales Infrastructure Investment Plan for Growth and Jobs Annual Report including Annex: Project Pipeline Update 2015
5.1.7	Welsh Government National Transport Finance Plan 2015
5.1.8	Welsh Government Sustainable Development Scheme - Learning to Live Differently, 2000**
5.1.9	Climate Change Strategy for Wales 2010**
5.2	Guidance
5.2.1	Institute of Environmental Management and Assessment (IEMA) Guidelines for Environmental Impact Assessment 2004
5.2.2	Well-being of Future Generations Act: National Indicators for Wales. Technical Information (2015)
5.2.3	Well-being of Future Generations Act: National Indicators for Wales (2015)
5.2.4	SPSF1: Core Guidance (Shared Purpose: Shared Future, Statutory Guidance on the Well-being of Future Generations (Wales) Act 2015
5.3	Local Development Plans
5.3.1	Newport City Council Newport Local Development Plan 2011-2026, adopted 2015
5.3.2	Monmouthshire County Council Monmouthshire County Council Local Development Plan 2011-2021, adopted 2014
5.3.3	Monmouthshire County Council (2014) Deposit Local Development Plan Habitats Regulations Assessment (Appropriate Assessment) Addendum Report 2014
5.3.4	Cardiff City Council Cardiff Local Development Plan 2006-2026, adopted 2016

6 Transport and Engineering

Document	
6.1	Policy and Guidance
6.1.1	Welsh Assembly Government Trunk Road Estate Biodiversity Action Plan 2004-2014
6.1.2	Welsh Assembly Government Planning Policy Wales Technical Advice Note 18: Transport 2007
6.1.3	Welsh Assembly Government One Wales: Connecting the Nation. The Wales Transport Strategy 2008
6.1.4	Welsh Transport Planning and Appraisal Guidance (WeTAG) 2008
6.1.5	Welsh Assembly Government National Transport Plan 2010
6.1.6	A Cardiff Capital Region Metro: Impact study Executive Summary 2013
6.1.7	Manual of Contract Documents for Highway Works – Volume 3 – Highway Construction Details 2014
6.1.8	Design Manual for Roads and Bridges 2014
6.1.9	Web-based Transport Analysis Guidance (WebTAG) January 2014
6.1.10	Department for Transport Road Investment Strategy for Period 2015/16-2019/20
6.1.11	Interim Advice Note 185/15 Updated traffic, air quality and noise advice on the assessment of link speeds and generation of vehicle data into 'speed-bands' for users of DMRB Volume 11, Section 3, Part 1 Air Quality and Volume 11, Section 3. Part 7 Noise 2015
6.1.12	Interim Advice Note 125/15 Environmental Assessment Update Highways Agency 2015
6.2	Reports
6.2.1	M4 Corridor around Newport - Alignment & Junctions Report 2016**
6.2.2	M4 Corridor around Newport - Ground Investigation Report 2016**
6.2.3	M4 Corridor around Newport - Geotechnical Design Report 2016**
6.2.4	M4 Corridor around Newport - Design Options Report Volume 1 2016**
6.2.5	M4 Corridor around Newport - Design Options Report Volume 2 2016**
6.2.6	M4 Corridor around Newport - Reclassification of the M4 and A48(M): Design and Options Report 2016**
6.2.7	<i>Not in Use</i>
6.2.8	M4 Corridor around Newport - Stage 1 Road Safety Audit Response Report 2016 (includes Road Safety Audit Report)**
6.2.9	M4 Corridor around Newport - Stage 1 Road Safety Audit Exceptions Report 2016**

Document	
6.2.10	<i>Not in Use</i>
6.2.11	M4 Corridor around Newport - Addendum to Stage 1 Road Safety Audit Response Report 2016**
6.2.12	M4 Corridor around Newport - Addendum to Stage 1 Road Safety Audit Exceptions Report 2016**
6.2.13	<i>Not in Use</i>
6.2.14	Stage 1 Road Safety Audit Response Report – Reclassification of M4/A48(M) Complementary Measure for the M4 Corridor around Newport 2016**
6.2.15	<i>Not in use</i>
6.2.16	M4 Corridor around Newport - Traffic and Collisions Report 2016**
6.2.17	M4 Corridor around Newport - Non-motorised User Context Accident Report 2016**
6.2.18	M4 Corridor around Newport - Non-motorised User Context Report - March 2016
6.2.19	<i>Not in use</i>
6.2.20	M4 Corridor around Newport - Non-motorised User Audit Report (New motorway corridor) 2016**
6.2.21	M4 Corridor around Newport - Non-motorised User Audit Report (Existing motorway corridor) 2016**
6.2.22	M4 Corridor around Newport - Departures from Standards (Highways) Report 2016**
6.2.23	M4 Corridor around Newport - Departures from Standard Report (Reclassified M4) 2016**
6.2.24	M4 Corridor around Newport - Approval in Principle – SBR 1000 River Usk Crossing 2016**
6.2.25	M4 Corridor around Newport - Approval in Principle – SBR-0650 Duffryn Railway Underbridge 2016**
6.2.26	M4 Corridor around Newport - Approval in Principle – SBR-2000 Llandeenny Railway Underbridge 2016**
6.2.27	Alignment & Junctions Report Supplement**
6.2.28	Non-Motorised User Audit Supplement**
6.2.29	<i>Not in use</i>
6.2.30	Ground Investigation Report Supplement**
6.2.31	Geotechnical Design Report Supplement**
6.2.32	VISSIM & PHEM Analysis Report**

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6.3	Publications
6.3.1	Standing Advisory Committee on Trunk Road Appraisal (SACTRA) Final report. Department for Transport. 1996
6.3.2	Eddington, R. The Eddington transport study. The case for action: Sir Rod Eddington's advice to Government, HM Treasury 2006
6.3.3	Graham, D. Investigating the link between productivity and agglomeration for UK industries. Imperial College 2006
6.3.4	Welsh Government A Cardiff Capital Region Metro: Impact Study. Report to the Minister for Economy, Science and Transport. Jones Lang LaSalle, Powell Dobson Urbanists, M & G Barry Consulting, Capita Symonds and Steer Davies Gleeve. 2013
6.3.5	Road Transport Forecasts 2013
6.3.6	Welsh Government A Cardiff Capital Region Metro: Update Report , August 2014
6.3.7	Road Transport Forecasts 2015
6.3.8	Understanding the drivers of road travel: current trends in and factors behind roads use – Department for Transport 2015
6.3.9	FSB (Moving Wales Forward 2016)

7 Port of Newport and Shipping

Document	
7.1	Reports
7.1.1	ABP Explosives Licence 1992
7.1.2	Master Plan – Port of Newport – Draft for Discussion 2010
7.1.3	Economic Value of ABP to UK plc January 2014
7.1.4	ABP - Hazardous Substances Consent Application documents 2015
7.1.5	Department for Transport (DFT) (2015) UK ports, ship arrivals by type and deadweight. Available at https://www.gov.uk/government/statistical-data-sets/port06-uk-ship-arrivals
7.1.6	The Port of Newport Masterplan 2015-2035 Consultation Draft
7.1.7	NAW Enterprise and Business Committee – Consultation Question Response from ABP – 2016
7.1.8	NAW Enterprise and Business Committee The Potential of the Maritime Economy in Wales Report February 2016
7.1.9	Liebherr – Crane Operations within Newport Docks in relation to the Proposed M4 Extension 2016
7.1.10	ABP - Port of Newport – M4 Proposal: Impact on the Port's Mobile Harbour Cranes 2016
7.1.11	ABP Leaflet on the Black Route (Undated)
7.1.12	ABP – Delivering Jobs and Driving Growth publication (Undated)
7.1.13	The Port of Newport Masterplan 2015-2035 Welsh Government Consultation Response (August 2016)
7.1.14	Letter from Rt Hon Chris Grayling MP August 2016*

8 Air Quality & Carbon

Document	
8.1	Legislation
8.1.1	Council Directive 2008/50/EC: Directive 2008/50/EC of the European Parliament and of the Council of 21 May 2008 on Ambient Air Quality and Cleaner Air for Europe, Official Journal of the European Union No L 152/2 2008
8.1.2	The Air Quality (Wales) Regulations 2000 No. 1940 (WSI 2000 No. 1940 (W. 138)).
8.1.3	The Air Quality (Amendment) (Wales) Regulations 2002 (WSI 2002 No. 3182 (Wales 298)).
8.1.4	The Air Quality Standards (Wales) Regulations 2010 (WSI 2010 No. 1433 (W.126)).
8.2	Policy and Guidance
8.2.1	Department for Environment Food and Rural Affairs (Defra), Scottish Executive, Welsh Assembly Government and Department of the Environment Northern Ireland National Air Quality Strategy 2007
8.2.2	Welsh Assembly Government Part IV of the Environment Act 1995: Local Air Quality Management. Local Air Quality Management Policy Guidance for Wales 2009
8.2.3	Department for Environment Food and Rural Affairs (Defra) Local Air Quality Management Technical Guidance 2009
8.2.4	Welsh Government and Department for Environment, Food & Rural Affairs A Climate Change Risk Assessment for Wales 2012
8.2.5	Highways Agency IAN 174/13 Updated Advice for Evaluating Significant Local Air Quality Effects for Users of DMRB Volume 11, Section 3, Part 1. Air Quality (HA207/07) 2013
8.2.6	Highways Agency IAN 170/12v3 Updated Air Quality Advice on the Assessment of Future NOx and NO2 Projections for Users of DMRB Volume 11, Section 3, Part 1 Air Quality 2013
8.2.7	Institute of Air Quality Management (IAQM) Guidance on the Assessment of Dust from Demolition and Construction. 2014
8.2.8	Highways Agency IAN 185/15 Updated Traffic, Air Quality and Noise Advice on the Assessment of Link Speeds and Generation of Vehicle Data into 'Speed-bands' for Users of DMRB Volume 11, Section 3, Part 1 Air Quality and Volume 11, Section 3, Part 7 Noise. 2015
8.2.9	Welsh Assembly Government Part IV of the Environment Act 1995: Local Air Quality Management. Local Air Quality Management Policy Guidance for Wales 2016

8.3 Publications

- 8.3.1** The Potential Impact of the proposed M4 relief road on greenhouse gas emissions- Report Dr Glynn/Prof Anderson (commissioned by WTW) 2014

9 Cultural Heritage

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9.1	Policy and Guidance
9.1.1	Welsh Office Welsh Office Circular 60/96 Planning and the Historic Environment: Archaeology. 1996
9.1.2	Welsh Office Welsh Office Circular 61/96 Planning and the Historic Environment: Historic Buildings and Conservation Areas. 1996
9.1.3	Welsh Office Welsh Office Circular 1/98 Planning and the Historic Environment: Directions by the Secretary of State for Wales. 1998
9.1.4	Cadw, Countryside Council for Wales (CCW) and Welsh Assembly Government Guide to Good Practice on Using the Register of Landscapes of Historic Interest in Wales in the Planning and Development Process. Revised (2nd) Edition Including Revisions to the Assessment Process (ASIDOHL2). 2007
9.1.5	Highways Agency (2007) Assessing the Effect of Road Schemes on Historic Landscape Character. 2007.
9.1.6	Welsh Assembly Government Conservation Principles for the Sustainable Management of the Historic Environment in Wales. 2011
9.1.7	Welsh Government Historic Environment (Wales) Bill – Complementary Document for Consideration. Draft Technical Advice Note 24: Historic Environment. 2015
9.1.8	Historic England The Settings of Heritage Assets, Historic Environment Good Practice Advice in Planning: Note 3. 2015
9.1.9	Newport City Council Archaeology and Archaeologically Sensitive Areas Supplementary Planning Guidance. 2015.

10 Landscape and Visual Effects

Document	
10.1	Legislation
10.1.1	National Parks and Access to the Countryside Act 1949
10.1.2	Welsh Office Roads in Lowland Areas: Design Guide 1993
10.1.3	Welsh Government Interim Advice Note 135/10 Landscape and Visual Effects Assessment, Wales Only 2014
10.2	Policy and Guidance
10.2.1	Department of the Environment, Welsh Office Welsh Office Circular 64/78: Trees and Forestry 1978
10.2.2	Department of the Environment, Welsh Office Welsh Office Circular 5/93: Public Rights of Way 1993
10.2.3	Welsh Government Technical Advice Note 12: Design 2014
10.3	Publications
10.3.1	Countryside Council for Wales (2015) LANDMAP – The Landscape Atlas. Available at: http://www.ccw.gov.uk/landmap , accessed on-line 2015.

11 Ecology and Nature Conservation

Document	
11.1	Legislation
11.1.1	The Protection of Badgers Act 1992
11.1.2	Eels (England and Wales) Regulations 2009
11.2	Policy and Guidance
11.2.1	National Rivers Authority River Corridor Surveys: Conservation Technical Handbook 1. 1992
11.2.2	Institute for Environmental Assessment (IEA) Guidelines for Baseline Ecological Assessment 1995
11.2.3	Countryside Council for Wales Guidance Note 2: Flora Monitoring on the Gwent Levels Sites of Special Scientific Interest. Countryside Council for Wales 1996
11.2.4	Welsh Assembly Government Planning Policy Wales Technical Advice Note 10: Tree Preservation Orders 1997
11.2.5	English Nature Great Crested Newt Mitigation Guidelines 2001
11.2.6	European Commission Assessment of plans and projects significantly affecting Natura 2000 sites. Methodological guidance on the provisions of Article 6(3) and (4) of the Habitats Directive 92/43/EEC, European Commission DG Environment 2001
11.2.7	South Wales Wildlife Sites Partnership Guidelines for the Selection of Wildlife Sites in South Wales. 2004
11.2.8	Monmouthshire County Council Monmouthshire Local Biodiversity Action Plan 2005
11.2.9	CIEEM Guidelines for Ecological Impact Assessment in the UK. Chartered Institute of Ecology and Environmental Management, Winchester 2006
11.2.10	DEFRA Hedgerow Survey Handbook. Department for Environment, Food and Rural Affairs 2007
11.2.11	JNCC (2008). Information Sheet on Ramsar Wetlands (RIS): Severn Estuary. Version 3.0. 2008
11.2.12	Wales Biodiversity Partnership Guidelines for the Selection of Wildlife Sites in Wales 2008
11.2.13	Welsh Assembly Government Interim Advice Note 116/08 (W) Nature Conservation Advice in Relation to Bats. Wales Only 2009
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11.2.15	Natural England & CCW (The Severn Estuary / Môr Hafren European Marine Site comprising: The Severn Estuary / Môr Hafren Special Area of Conservation (SAC), The Severn Estuary Special Protection Area (SPA), The Severn Estuary / Môr Hafren Ramsar Site. Natural England & the Countryside Council for Wales' advice given under Regulation 33(2)(a) of the Conservation (Natural Habitats, &c.) Regulations 1994, as amended. 2009
11.2.16	Newport City Council River Usk Strategy 2009
11.2.17	ARG UK Advice Note 5 - Great Crested Newt Habitat Suitability Index. Amphibian and Reptile Groups of the United Kingdom 2010
11.2.18	Environment Agency Wye and Usk Catchment Flood Management Plan 2010
11.2.19	Highways Agency Interim Advice Note 130/10 Ecology and Nature Conservation: Criteria for Impact Assessment 2010
11.2.20	JNCC Handbook for Phase 1 habitat survey - a technique for environmental audit. Joint Nature Conservation Committee 2010
11.2.21	JNCC UK priority species pages – Version 2. UK Priority Species data collation Rhinolophus hipposideros version 2 updated on 15/12/2010. Joint Nature Conservation Committee 2010
11.2.22	Severn Estuary Coastal Group Severn Estuary Shoreline Management Plan (SMP2). Appendix I: Part B - Habitats Regulations Assessment 2010
11.2.23	Severn Estuary Coastal Group Severn Estuary Shoreline Management Plan (SMP2). The Shoreline Management Plan: Part C (Main Report) - Action Plan. – Into Water & Drainage 2010
11.2.24	Environment Agency Pollution Prevention Guidance (PPG)22: Dealing with Spills 2011
11.2.25	Highways Agency A Review of Bat Mitigation in Relation to Highway Severance. Hundt, L. 2012
11.2.26	Bat Surveys: Good Practice Guidelines, 2nd edition, Bat Conservation Trust 2011
11.2.27	JNCC UK Post-2010 Biodiversity Framework. Joint Nature Conservation Committee 2012
11.2.28	Welsh Government Action Plan for Pollinators in Wales 2013
11.2.29	<i>Not in use</i>
11.2.30	Newport Biodiversity Partnership Newport Local Biodiversity Action Plan 2014
11.2.31	Newport City Council Wildlife and Development Supplementary Planning Guidance (SPG) 2015
11.2.32	CIEEM Guidelines for Ecological Impact Assessment in the UK and Ireland: Terrestrial, Freshwater and Coastal, 2nd edition. Chartered Institute of Ecology and Environmental Management, Winchester 2016
11.3	Publications
11.3.1	Countryside Council for Wales Botanical Survey of Reens, Gwent Levels. 1991

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11.3.2	Gilbert, G., Gibbons, D.W. and Evans, J. Bird Monitoring Methods: A manual of techniques for key UK species. RSPB, Bedfordshire.1998
11.3.3	Froglife Froglife Advice Sheet 10: reptile survey. Froglife, London. 1999
11.3.4	Bibby, C.J., Burgess, N.D., Hill, D.A. and Mustoe, S.H. Bird Census Techniques, 2nd Edition. Academic Press, London. 2000
11.3.5	Bright, P., Morris, P. & Mitchell-Jones, T. The dormouse conservation handbook (2nd edition). English Nature. 2006
11.3.6	Bat Conservation Trust and the Institution of Lighting Engineers Bats and Lighting in the UK. Bat Conservation Trust, London, UK. 2008
11.3.7	Countryside Council for Wales (CCW) Gwent Levels: Magor and Undy Site of Special Scientific Interest. Your Special Site and Its Future 2008
11.3.8	Countryside Council for Wales (CCW) Gwent Levels: Nash and Goldcliff Site of Special Scientific Interest. Your Special Site and Its Future 2008.
11.3.9	Countryside Council for Wales (CCW) Gwent Levels: Redwick and Llandeenny Site of Special Scientific Interest. Your Special Site and Its Future 2008.
11.3.10	Countryside Council for Wales (CCW) Gwent Levels: Whitson Site of Special Scientific Interest. Your Special Site and Its Future 2008.
11.3.11	Countryside Council for Wales (CCW) Gwent Levels: St Brides Site of Special Scientific Interest. Your Special Site and Its Future 2008.
11.3.12	Countryside Council for Wales (CCW) Gwent Levels: Rumney and Peterstone Site of Special Scientific Interest. Your Special Site and Its Future 2008.
11.3.13	Dines, T. D. A vascular plant red data list for Wales. Plantlife International, Salisbury. 2008
11.3.14	Boyce Monitoring Invertebrate Features on SSSIs: Aquatic Invertebrates on Gwent Levels: Whitson SSSI, D C Boyce. CCW Regional Report No. CCW/SEW/10/1. 2009
11.3.15	Shawyer, C. R. Barn Owl Tyto alba Survey Methodology and Techniques for use in Ecological Assessment: Developing Best Practice in Survey and Reporting. IEEM, Winchester. 2011
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11.3.18	Boyce Monitoring invertebrate features on Sites of Special Scientific Interest: aquatic invertebrates on the Gwent Levels: Magor and Undy SSSI, Nash and Goldcliff SSSI, Newport Wetlands SSSI, Rumney and Peterstone SSSI. DC Boyce. CCW Regional Report No. CCW/SEW/13/3. 2013

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11.3.19	Eaton M.A., Brown A.F., Musgrove A.J., Hearn R., Aebischer N.J., Stroud D.A. Birds of Conservation Concern 4: the population status of birds in the United Kingdom, Channel Islands and the Isle of Man. British Birds 108, p708–746. 2015
11.3.20	Collins, J. (ed.) Bat Surveys for Professional Ecologists: Good Practice Guidelines (3rd edn), The Bat Conservation Trust, London. 2016
11.4	SSSI Citations
11.4.1	Countryside Council for Wales Citation - Magor Marsh
11.4.2	Countryside Council for Wales Citation - Nash & Goldcliff
11.4.3	Countryside Council for Wales Citation - Redwick & Llandeenny
11.4.4	Countryside Council for Wales Citation - Rumney & Peterstone
11.4.5	Countryside Council for Wales Citation - St Brides
11.4.6	Countryside Council for Wales Citation - Whiston

12 Geology and Soils

Document	
12.1	Legislation
12.1.1	Environmental Protection Act 1990
12.1.2	Water Resources Act 1991
12.1.3	Groundwater Regulations 1998
12.1.4	Waste Framework Directive 2008/98/EC (2008).
12.1.5	Water Act 2003
12.1.6	Hazardous Waste (England and Wales) Regulations 2005
12.1.7	Contaminated Land (Wales) Regulations 2006
12.1.8	Groundwater (England and Wales) Regulations 2009
12.1.9	Environmental Permitting (England and Wales) Regulations 2010
12.2	Policy and Guidance
12.2.1	CIRIA C552: Contaminated land risk assessment A guide to good practice. 2001
12.2.2	Environment Agency Piling and Penetrative Ground Improvement Methods on Land Affected by Contamination: Guidance on Pollution Prevention National Groundwater and Contaminated Land Centre report NC/99/73. 2001
12.2.3	Environment Agency and Defra Model Procedures for the Management of Land Contamination, Contaminated Land Report 11 (CLR11). 2004
12.2.4	CIRIA C665: Assessing Risks Posed by Hazardous Ground Gases to Buildings. 2007
12.2.5	UK Technical Advisory Group (UKTAG) on the Water Framework Directive (WFD) Proposals For Environmental Quality Standards For Annex Viii Substances Revised 2008
12.2.6	CIRIA C681: Unexploded Ordnance (UXO): A guide for the construction industry. London 2009
12.2.7	British Standards Institute BS5930: Code of Practice for Site Investigations including Amendment 2, issued 2010
12.2.8	CL:AIRE Contaminated Land: Applications in Real Environments The Definition of Waste: Development Industry Code of Practice v2. 2011
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12.2.10	Welsh Local Government Association (WLGA) and Environment Agency Development of Land Affected by Contamination: A Guide for Developers 2012
12.2.11	Regionally Important Geological Sites (RIGS) Background Paper 2012 (see 13.3.6)

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12.2.13	British Standards Institute BS10175: Code of Practice for Investigation of Potentially Contaminated Sites 2013
12.2.14	CL:AIRE Contaminated Land: Applications in Real Environments SP1010 – Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination. 2013
12.2.15	Environment Agency Groundwater Protection: Policy and Practice (GP3) v1.1. 2013
12.2.16	CIRIA C733: Asbestos in Soil and Made Ground: A Guide to Understanding and Managing Risks. 2014
12.2.17	Defra Water Framework Directive Implementation in England and Wales: New and Updated Standards to Protect the Water Environment 2014
12.2.18	Defra SP1010: Development of Category 4 Screening Levels for Assessment of Land Affected by Contamination – Policy Companion Document. 2014
12.2.19	Newport City Council http://www.newport.gov.uk/documents/Planning-Documents/LDP-2011-2026/LDP-Constraints---Jan-2015.pdf
12.3	Publications
12.3.1	British Geological Survey (BGS) South Wales RIGS Audit 2012 (see 13.3.6)
12.3.2	Bactec Explosive Ordnance Threat Assessment in respect of M4 Corridor around Newport. 2014.
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12.3.4	Environment Agency Aquifer Designation Maps (http://maps.environment-agency.gov.uk/wiyby/wiybyController?topic=groundwater&layerGroups=default&lang=_e&ep=map&scale=5&x=531500&y=181500#x=531500&y=181500&lg=3,&scale=5).
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