

ITCHEN, CANDOVER AND TESTWOOD WATER ABSTRACTION INQUIRY

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EA5b	Appendix 2 to Proof of Evidence - Holdich et al – The indigenous status of <i>Austropotamobius pallipes</i> (Lereboullet) in Britain – 2009 (8.2)
EA5c	Appendix 3 to Proof of Evidence - Sibley, P.J. – Conservation management and legislation the UK experience – 2003 (8.3)
EA5d	Appendix 4 to Proof of Evidence - Holdich, D.M. & Sibley, P.J. – ICS and NICS in Britain in the 2000s – 2009 (8.4)
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EA5g	Appendix 7 to Proof of Evidence - Hutchings, A – Monitoring <i>Austropotamobius pallipes</i> (Lereboullet) in a chalk stream in southern England – 2009 (8.7)
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EA5k	Appendix 11 to Proof of Evidence - Rushbrook, B – Crayfish Survey Report – 2009 (8.11)
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EA5n	Appendix 14 to Proof of Evidence - Holdich, D.M. et al – The North American signal crayfish, with particular reference to its success as an invasive species in Britain – 2014 (8.14)
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EA5r	Appendix 18 to Proof of Evidence - Pearson, E.C – Spatial patterns of habitat use by white-clawed crayfish on the River Wansbeck – 2011 (8.18)
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EA5x	Appendix 24 to Proof of Evidence - Reynolds, J.D. – Biology of freshwater crayfish – Growth and reproduction pp152 – 191 – 2002 (8.24)
EA5y	Appendix 25 to Proof of Evidence - Nyström, P – Biology of freshwater crayfish – Ecology pp. 192 – 235 – 2002 (8.25)
EA5z	Appendix 26 to Proof of Evidence - Hutchings, A – A review of potential impacts of the Candover Stream Augmentation Scheme on the native crayfish population at Fobdown Farm near Alresford, Hampshire – October 2004 (8.26)
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EA8b	Appendix 2 to Proof of Evidence - Franklin, P, Dunbar, M., & Whitehead, P – Flow controls on lowland river macrophytes: A review – 2008 (4.2)
EA8c	Appendix 3 to Proof of Evidence - Water UK - Blueprint for PR19 (4.3)
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EA9h	Appendix 8 to Proof of Evidence - Amec Technical note prepared on behalf of Southern Water – Evidence on the Chalk groundwater level drawdown risk to the flood plain wetlands around the lower Candover associated with proposed Candover Augmentation Scheme drought options - January 2018 (10.8)
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EA9l	Appendix 12 to Proof of Evidence - Environment Agency - Ecohydrological Guidelines for Lowland Wetlands Plant Communities – December 2004 (10.12)
EA9m	Appendix 13 to Proof of Evidence - Appendix 11 consultation form (10.13) (see SC2.21bx)
EA9n	Appendix 14 to Proof of Evidence - Wilby, R.L. Professor – An assessment of invertebrate-based target flows for the River Itchen, Hampshire – 28 April 2010 (10.14)
EA9o	Appendix 15 to Proof of Evidence - Mainstone, C. et al – Natural England - A narrative for conserving freshwater and wetland habitats in England – 16 March 2016 (10.15)
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EA10c	Appendix 3 to Proof of Evidence - Wilby, R.L. Professor – An assessment of invertebrate-based target flows for the River Itchen, Hampshire – 28 April 2010 (3.3)
EA10d	Appendix 4 to Proof of Evidence - Environment Agency – Candover EA Part 2 Report 2016 (3.4) (see SC2.17)
EA10e	Appendix 5 to Proof of Evidence - Phase II Ecology / Fisheries: Physical Habitat Simulation – Stage 2: Data and Modelling: methods and results. River Itchen Sustainability Study H(PR)06 – November 2004 (3.5)
EA10f	Appendix 6 to Proof of Evidence - Letter from Natural England to Environment Agency – 14 July 2016 (3.6) (see SC2.15a)
EA10g	Appendix 7 to Proof of Evidence - Letter from Natural England – 14 December 2016 (3.7) (see SC3.13d)
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EA10j	Appendix 10 to Proof of Evidence - Ecology of the Southern Damselfly Conserving Natura 2000 Rivers Ecology Series No.8. English Nature 2003 (3.10)
EA10k	Appendix 11 to Proof of Evidence - Environment Agency – Operational instruction 318_10 – Hydroecological validation using macroinvertebrate data (3.11)
EA10l	Appendix 12 to Proof of Evidence - Southern Water's draft licence for Otterbourne Groundwater licence 11/42/22.7/94 (3.12) (see SC3.12a-SC3.12c)

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SWS2b	Appendix 2 to Proof of Evidence – EA 2012 Updating the National Water Environment Benefit Survey values
SWS3	Proof of Evidence of Tessa Wardley
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SWS3b	Appendix 2 to Proof of Evidence - Extence et al (1999), River flow indexing using British benthic macroinvertebrates: A framework for setting hydroecological objectives. Regulated Rivers: Research and Management 15, 543-574
SWS3c	Appendix 3 to Proof of Evidence - Dawson et al, 1978 The seasonal effects of aquatic plant growth on the flow of water in a stream. Proc. Eur. Weed Res. Soc. 5th Int. Symp. Aquatic Weeds, Wageningen, p. 71 to 78.
SWS3d	Appendix 4 to Proof of Evidence - Cranston E. and Darby E. (2004) Ranunculus in Chalk Rivers: Phase 2. Environment Agency Science Report WI-042/TR
SWS3e	Appendix 5 to Proof of Evidence - Southey J (2004) River Kennet Macrophyte Flow Study Final Report. November 2004. Scott Wilson KirkPatrick. Report to Thames Water Utilities plc
SWS4	Proof of Evidence of Dr Andrew Brooks
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SWS4b	Appendix 2 to Proof of Evidence - Hatton-Ellis et al,(2003), Ecology of Watercourses Characterised by Ranunculion fluitantis and Callitriche-Batrachion Vegetation. Conserving Natura 2000 Rivers Ecology Series No. 11. English Nature, Peterborough.
SWS4c	Appendix 3 to Proof of Evidence - Holdich, D. (2003). Ecology of the White-clawed Crayfish. Conserving Natura 2000 Rivers
SWS4d	Appendix 4 to Proof of Evidence - JNCC (2008). UK Biodiversity Action Plan; Priority Habitat Descriptions. Coastal and floodplain grazing marsh
SWS4e	Appendix 5 to Proof of Evidence - Maitland, P.S. (2003). Ecology of the River, Brook and Sea Lamprey. Conserving Natura 2000 Rivers Ecology Series No. 5. English Nature, Peterborough
SWS4f	Appendix 6 to Proof of Evidence - Natural England, (1982). Baddesley Common SSSI Citation
SWS4g	Appendix 7 to Proof of Evidence - Natural England, 2001. River Itchen SSSI Citation
SWS4h	Appendix 8 to Proof of Evidence - The Environmental Project Consulting Group. (2017) Erner Bog and Baddesley Common Hydrological Desk Study
SWS4i	Appendix 9 to Proof of Evidence - WFD-UKTAG, 2014, River Assessment Method. Benthic Invertebrate Fauna. Invertebrates (General Degradation): Whalley, Hawkes, Paisley & Trigg (WHPT) metric in River Invertebrate Classification Tool (RICT) UKTAG Method Statement.
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SWS10	Proof of Evidence of Dr Nigel Milner
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SWS10b.1	Appendix 1 to Proof of Evidence - Aas, O., Einum, S., Klemetsen, A., and Skurdal, J. (2011) Atlantic Salmon Ecology. Wiley Blackwell
SWS10b.2	Appendix 2 to Proof of Evidence - APEM (2018) Preliminary Assessment of River Flow Impacts on Salmon Migration Resulting from Alternative Hands Off Flows in Simulated Extreme Drought Scenarios. APEM Ltd., Ref P01696, Report to Southern Water Services, 31/1/2018
SWS10b.3	Appendix 3 to Proof of Evidence - Preliminary Assessment of River Flow Impacts on Salmon Migration Resulting from Alternative Hands off Flows In Simulated Extreme Drought Scenarios, Report to Southern Water Services, 31/01/2018
SWS10b.4	Appendix 4 to Proof of Evidence - Banks, J.W. (1969) A review of the literature on the upstream migration of Adult salmonids. Journal of Fish Biology 1
SWS10b.5	Appendix 5 to Proof of Evidence - Cefas/EA/NRW (2017) Salmon Stocks of England and Wales in 2016. Preliminary assessment prepared for ICES, March 2017. Cefas, Lowestoft
SWS10b.6	Appendix 6 to Proof of Evidence - Davidsen, J. G., Rikardesn, A.H., Thorstad, E. B., Halttunen, E., Mitamura, H., Praebel, K., Skarohamar, J. and Naesje, T. F. (2013) Homing behaviour of Atlantic salmon (<i>Salmo salar</i>) during final phase of marine migration and river entry. Canadian Journal of Fisheries and Aquatic Sciences 70
SWS10b.7	Appendix 7 to Proof of Evidence - Fenn, C. and Scarbaci, A. (2016) Time Series Analysis of daily salmon count data from the Great Test at Nursling Mill, 1996-2007. Hydro-Logic Services Report to Southern Water Services, November 2016

SWS10b.8	Appendix 8 to Proof of Evidence - Mawle, G.W and Milner, N.J. (2003). The recovery of salmon rivers in England and Wales. Proceedings of Atlantic Salmon Symposium, Edinburgh, July 2002
SWS10b.9	Appendix 9 to Proof of Evidence - Milner, N.J., Dunbar, M.J., Newson, M.D., Potter, E.C.E, Solomon, D.J., Armstrong, J.A., Mainstone, C.P., Llewelyn, C.I. (2010). Managing River Flows for Salmonids: Evidence Based Practice. Proceedings of Atlantic Salmon Trust Workshop, Pitlochry, March 2010
SWS10b.10	Appendix 10 to Proof of Evidence - Milner N.J., Solomon D.J. & Smith G.W. (2012a). The role of river flow in the migration of adult Atlantic salmon, <i>Salmo salar</i> , through estuaries and rivers. Fisheries Management and Ecology 19
SWS10b.11	Appendix 11 to Proof of Evidence - Moore, A., Bendall, B., Waring, C., Crooks, N. and Crooks, L. (2102) River temperature and adult anadromous Atlantic salmon, <i>Salmo salar</i> , and brown trout, <i>Salmo trutta</i> . Fisheries management and ecology 19
SWS10b.12	Appendix 12 to Proof of Evidence - Murray, J. (2005) Effects of Flow on the Migration Habits of Adult Atlantic Salmon in the River Frome. MSc Thesis, Department of Mathematics, University of York
SWS10b.13	Appendix 13 to Proof of Evidence - Poff, N.L., Allan, J.D., Bain, M.B., et al. (1997) The natural flow regime. BioScience 47
SWS10b.14	Appendix 14 to Proof of Evidence of - Poff, N.L. and Zimmerman J.K.H. (2010) Ecological response to altered flow regimes: a literature review to inform the science and management of environmental flows. Freshwater Biology, 55
SWS10b.15	Appendix 15 to Proof of Evidence - Potter, E.C.E. (1988) Movements of Atlantic salmon, <i>Salmo Salar</i> L., in an estuary in south-west England. Journal of Fish Biology 33, Supplement A,
SWS10b.16	Appendix 16 to Proof of Evidence - Stabell, O.B. (1984) Homing and olfaction in salmonids: a critical review with special reference to the Atlantic salmon. Biological Reviews, 59
SWS19b.17	Appendix 17 to Proof of Evidence - Sniffer (2012) Ecological indicators of the effects of abstraction and flow regulation; and optimisation of flow releases from water storage reservoirs. Report WFD 21d
SWS10b.18	Appendix 18 to Proof of Evidence - Solomon, D. J. and Sambrook, H. T. (2004) Effects of hot dry summers on the loss of Atlantic salmon, <i>Salmo salar</i> , from estuaries in South West England. Fisheries Management and Ecology, 11
SWS10b.19	Appendix 19 to Proof of Evidence - Vincenzi, S., Crivelli, A.J., Satterthwaite, W.H. and Mangel, M. (2014) Eco-evolutionary dynamics induced by massive mortality events. Journal of Fish Biology 85
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NE1b.5	Appendix 5 to Proof of Evidence - Mainstone et al – In Press Development of Condition Assessment Framework for Freshwater Habitats
NE1b.6	Appendix 6 to Proof of Evidence – Mainstone Clarke – 2008, Managing Stressors for Freshwater Wildlife

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NE1b.13	Appendix 13 to Proof of Evidence – Acreman et al -2008, Developing Environmental Standards for Abstractions
NE1b.14.1	Appendix 14.1 to Proof of Evidence – Mainstone et al -1999, Chalk Rivers Nature Conservation Management Pt.1
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NE2b.2	Appendix 2 to Proof of Evidence - Bealey & Price (2015) Itchen Valley NVC Report
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NE2b.4	Appendix 4 to Proof of Evidence - Test & Itchen River Restoration Strategy (2013)
NE2b.5	Appendix 5 to Proof of Evidence - Wilby (2010) Assessment of Invertebrate-Based Target Flows
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BMFT1a	Index of supporting information
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