

ITCHEN, CANDOVER AND TESTWOOD WATER ABSTRACTION INQUIRY

INQUIRY DOCUMENTS LIST

INQUIRY DOCUMENTS	
INQ1	Note of the Pre Inquiry Meeting held on 21 November 2017

DOCUMENTS SUBMITTED DURING THE INQUIRY	
ID1	Draft agreement between Southern Water Services and the Environment Agency, 12 March 2018
ID2	Position Statement by the Environment Agency
ID3	Position Statement by Southern Water Services
ID4	Position Statement by Fish Legal
ID5	Position Statement by Natural England
ID6	Inspector's Inquiry Note, 13 March 2018
ID7	Little River Management Limited Monitoring Plan Update, 19 March 2018
ID7a	Annex 1 to Little River Management Limited Monitoring Plan Update, 19 March 2018 – Catchment First Overview
ID8	Draft Testwood Licence, 20 March 2018 (For Candover see SC2.1 and for Itchen see SC3.12)
ID8a	Draft Testwood Licence, 28 March 2018
ID9	Draft Section 20 Agreement, 20 March 2018
ID9a	Updated Draft Section 20 Agreement, 27 March 2018
ID9b	Signed Section 20 Agreement, 29 March 2018
ID9c	Natural England's Comments (dated 27 March 2018) and SWS/Environment Agency Response (dated 28 March 2018) on the Draft Section 20 Agreement
ID10	Draft Lower Itchen Drought Order Mitigation Package
ID10a	Updated Draft Lower Itchen Drought Order Mitigation Package, 26 March 2018
ID11	Draft Candover Drought Order Mitigation Package
ID11a	Updated Draft Candover Drought Order Mitigation Package, 26 March 2018
ID12	Draft Test Drought Permit and Drought Order Mitigation Package
ID12a	Updated Draft Test Drought Permit and Drought Order Mitigation Package, 26 March 2018
ID13	Draft Lower Itchen Drought Order Monitoring Plan
ID13a	Updated Draft Lower Itchen Drought Order Monitoring Plan, 26 March 2018
ID14	Draft Candover Drought Order Monitoring Plan
ID14a	Updated Draft Candover Drought Order Monitoring Plan, 26 March 2018
ID15	Draft Test Drought Permit and Drought Order Monitoring Plan
ID15a	Updated Draft Test Drought Permit and Drought Order Monitoring Plan, 26 March 2018
ID16	Draft Test and Itchen fish monitoring plan (to accompany three monitoring plans)
ID16a	Updated Draft Test and Itchen fish monitoring plan (to accompany three monitoring plans), 26 March 2018
ID17	Draft IROPI compensation package for the Candover Drought Order
ID17a	Draft IROPI compensation package for the Candover Drought Order
ID18	Draft IROPI compensation package for the Itchen Drought Order
ID19	Inspector's Inquiry Note, 21 March 2018
ID20	Letter from SWS to LRM, 21 March 2018
ID21	Submission by Bill Hicks QC, 23 March 2018
ID22	Position statement by CPRE Hampshire, 23 March 2018

ID23	Letter dated 23 March 2018 on behalf of WWF and S&TC UK to the Environment Agency
ID24	Position statement by Hampshire & Isle of Wight Wildlife Trust, 23 March 2018
ID25	Letter dated 23 March 2018 from SWS to Fish Legal
ID26	Email dated 23 March 2018 from Test and Itchen Association commenting on the draft Section 20 Agreement
ID27	Outline of Little River Management's case on the draft Section 20 Agreement Monitoring and Mitigation Proposals, 25 March 2016
ID28	Email dated 24 March 2018 on behalf of the Trustees of the Barker Mill Family Trust
ID29	Update Summary Statement of Tim Sykes, Environment Agency for the Candover Scheme
ID30	Update Summary Statement of Tim Sykes, Environment Agency for the River Itchen Licences
ID30a	Errata to the Update Summary Statement of Tim Sykes, Environment Agency for the River Itchen Licences
ID31	Update Statement of Alison Matthews, Environment Agency in relation to Testwood
ID32	Joint statement from the Environment Agency and Southern Water Services Ltd, 26 March 2018
ID33	Opening Statement on behalf of the Environment Agency, 27 March 2018
ID34	Opening Statement on behalf of Fish Legal, 27 March 2018
ID35	Update on Monitoring and Mitigation by Little River Management Limited, 27 March 2018
ID36	Closing Submissions on behalf of Southern Water Services
ID37	Closing Submissions on behalf of Natural England
ID38	Closing Submissions on behalf of the Environment Agency

STATEMENTS OF CASE	
Environment Agency	
SC1	Overview Statement of Case of the Environment Agency
SC2	Candover - Statement of Case of the Environment Agency
SC2.1	Annex 1 – The Agency's draft new licence
SC2.2	Annex 2 – The Agency's determination report
SC2.3	Annex 3 – Conservation Objectives for the River Itchen SAC
SC2.4	Annex 4 - RoC Appropriate Assessment
SC2.5	Annex 5 - RoC Site Action Plan
SC2.6	Annex 6 - Sign off document for 2015 Licence Changes
SC2.7	Annex 7 - Report on ecological monitoring from 2011 Test Pumping
SC2.8	Annex 8 - Expiring Candover abstraction licence
SC2.9	Annex 9 – Natural England email agreeing to sequence of licence changes
SC2.10	Annex 10 - Report of Augmentation Technical Working Group – Sept 2015
SC2.11	Annex 11 - Government's Sustainable Development statutory guidance to the Agency (2002)
SC2.12	Annex 12- Agency's Operational Instruction 183_01 on the Habitats Directive
SC2.13	Annex 13 - Agency's Operational Instruction) 31_08 on renewal of time limited licences; and Policy 029_08 Time limiting abstraction licences
SC2.14a	Annex 14a - Fobdown Beds abstraction licence
SC2.14b	Annex 14b - Fobdown Beds abstraction licence
SC2.15a	Annex 15a - Natural England's pre-application advice to the Agency dated 14 July 2016

SC2.15b	Annex 15b - Southern Water's comments on the Environment Agency draft documentation
SC2.15c	Annex 15c – Hampshire & Isle of Wight Wildlife Trust's comments on the Environment Agency draft documentation
SC2.15d1	Annex 15d1 - Upper Itchen Initiative's (UII) comments on the Environment Agency draft documentation
SC2.15d2	Annex 15d2 – Technical Response by Upper Itchen Initiative
SC2.15e	Annex 15e – Upper Itchen response
SC2.15f	Annex 15f - Salmon & Trout Conservation UK (S&TC) comments on the Environment Agency draft documentation
SC2.16	Annex 16 - Part 1 Hydrological Impact Analysis 2016
SC2.17	Annex 17 - Part 2 Assessment of Ecological Risks 2016
SC2.18	Annex 18 - Agency's Final Report 2016
SC2.19	Annex 19 - Agency's Appropriate Assessment 2016
SC2.20	Annex 20 - River Basin Management Plan Progress Goals and Selected Targets for N2K rivers (Sept 2014)
SC2.21a	Annex 21a - Appendix 3 consultation form
SC2.21b	Annex 21b - Appendix 11 consultation form
SC2.22	Annex 22 - Natural England's letter to the Agency dated 6 September 2016
SC2.23	Annex 23 - Timetable outlining planned changes to the Candover Scheme licence
SC2.24	Annex 24 - July 2015 EA Position Statement on Itchen Augmentation Schemes
SC2.25	Annex 25 - Agency's letter to Southern Water dated 30 September 2015
SC2.26a	Annex 26a – Application forms for licence renewal – part a
SC2.26b	Annex 26b - Application forms for licence renewal – part b
SC2.26c	Annex 26c - Application forms for licence renewal – part c
SC2.27	Annex 27 – Summary of Representations
SC2.27 1a	Annex 27 – Rep.1a Natural England email
SC2.27 1b	Annex 27 – Rep.1b Natural England attachment
SC2.27 2a	Annex 27 – Rep.2a email
SC2.27 2b	Annex 27 – Rep.2b attachment
SC2.27 3a	Annex 27 – Rep.3a Wild Trout Trust email
SC2.27 3b	Annex 27 – Rep.3b Wild Trout Trust attachment
SC2.27 4a	Annex 27 – Rep.4a email
SC2.27 4b	Annex 27 – Rep.4b attachment
SC2.27 5a	Annex 27 – Rep.5a Piscatorial Society email
SC2.27 5b	Annex 27 – Rep.5b Piscatorial Society attachment
SC2.27 6a	Annex 27 – Rep.6a Southern Water email
SC2.27 6b	Annex 27 – Rep.6b Southern Water attachment
SC2.27 6c	Annex 27 – Rep.6c Southern Water attachment
SC2.27 6aa	Annex 27 – Rep.6aa Southern Water email
SC2.27 6ab	Annex 27 – Rep.6ab Southern Water attachment
SC2.27 7a	Annex 27 – Rep.7a email
SC2.27 7b	Annex 27 – Rep.7b attachment
SC2.27 8a	Annex 27 – Rep.8a email
SC2.27 8b	Annex 27 – Rep.8b attachment
SC2.27 8c	Annex 27 – Rep.8c attachment
SC2.27 8aa	Annex 27 – Rep.8aa email
SC2.27 8ab	Annex 27 – Rep.8ab attachment
SC2.27 9a	Annex 27 – Rep.9a Upper Itchen Initiative email
SC2.27 9b	Annex 27 – Rep.9b Upper Itchen Initiative attachment
SC2.27 10a	Annex 27 – Rep.10a email

SC2.27 10b	Annex 27 – Rep.10b attachment
SC2.27 11a	Annex 27 – Rep.11a email
SC2.27 11b	Annex 27 – Rep.11b attachment
SC2.27 12a	Annex 27 – Rep.12a Salmon & Trout Conservation UK email
SC2.27 12b	Annex 27 – Rep.12b Salmon & Trout Conservation UK attachment
SC2.27 13	Annex 27 – Rep.13 - The Test & Itchen Association Ltd
SC2.27 14a	Annex 27 – Rep.14a email
SC2.27 14b	Annex 27 – Rep.14b attachment
SC2.27 15a	Annex 27 – Rep.15a World Wildlife Fund email
SC2.27 15b	Annex 27 – Rep.15b World Wildlife Fund attachment
SC2.27 15c	Annex 27 – Rep.15c World Wildlife Fund attachment
SC2.27 15d	Annex 27 – Rep.15d World Wildlife Fund attachment
SC2.27 15e	Annex 27 – Rep.15e World Wildlife Fund attachment
SC2.27 16a	Annex 27 – Rep.16a Hampshire & Isle of Wight Wildlife Trust email
SC2.27 16b	Annex 27 – Rep.16b Hampshire & Isle of Wight Wildlife Trust attachment
SC2.27 17a	Annex 27 – Rep.17a email
SC2.27 17b	Annex 27 – Rep.17b attachment
SC2.27 18a	Annex 27 – Rep.18a email
SC2.27 18b	Annex 27 – Rep.18b attachment
SC2.27 19a	Annex 27 – Rep.19a email
SC2.27 19b	Annex 27 – Rep.19b attachment
SC2.28	Annex 28 - Letter to Southern Water from Environment Agency dated 9 December 2016
SC2.29a	Annex 29 – Email to Defra to submit application - Email 1 of 2
SC2.29b	Annex 29 - Email to Defra to submit application - Email 2 of 2
SC3	Itchen - Statement of Case of the Environment Agency
SC3.1a	Annex 1a - Abstraction licence, 11/42/22.6/92 (Twyford, groundwater)
SC3.1b	Annex 1b - Abstraction licence, 11/42/22.6/93 (Otterbourne, River Itchen)
SC3.1c	Annex 1c - Abstraction licence, 11/42/22.7/94 (Otterbourne groundwater)
SC3.1d	Annex 1d - Abstraction licence, 11/42/22.7/94 (Otterbourne groundwater)
SC3.2	Annex 2 - River Itchen Special Area of Conservation designation notification
SC3.3	Annex 3 - Environment Agency's Habitats Directive Review of Consents Stage 3 Appropriate Assessment (2005)
SC3.4	Annex 4 - Environment Agency's Site Action Plan for River Itchen SAC (2007)
SC3.5	Annex 5 - Southern Water's Water Resource Management Plan (October 2014)
SC3.6	Annex 6 - Environment Agency letter to Southern Water dated 24 December 2015
SC3.7	Annex 7 - Defra letter to Southern Water dated 11 August 2016
SC3.8	Annex 8 - Environment Agency letter to Southern Water dated 27 September 2016
SC3.9	Annex 9 - European Commission guidance on Article 6(4) Habitats Directive (2012)
SC3.10	Annex 10 - Defra guidance on Article 6(4) Habitats Directive (December 2012)
SC3.11a	Annex 11a - Environment Agency notice of variation served on Southern Water on 7 November 2016
SC3.11b	Annex 11b – Section 52 Notice
SC3.12a	Annex 12a - Draft proposed licences
SC3.12b	Annex 12b - Draft proposed licences
SC3.12c	Annex 12c - Draft proposed licences
SC3.13a	Annex 13a - Representation from Portsmouth Water responding to Environment Agency's variation notice

SC3.13b1	Annex 13b1 - Representation from World Wildlife Fund responding to Environment Agency's variation notice
SC3.13b2	Annex 13b2 - An assessment of invertebrate-based target flows for the River Itchen, Hampshire, World Wildlife Fund
SC3.13c	Annex 13c - Representation from Test and Itchen Association responding to Environment Agency's variation notice
SC3.13d	Annex 13d - Representation from Natural England responding to Environment Agency's variation notice
SC3.13e	Annex 13e - Representation from individual
SC3.13f	Annex 13f - Representation from Salmon and Trout Association responding to Environment Agency's variation notice
SC3.13g	Annex 13g - Representation from Wessex Chalk Streams and Rivers Trust responding to Environment Agency's variation notice
SC3.13h	Annex 13h - Representation from Hampshire & Isle of Wight Wildlife Trust responding to Environment Agency's variation notice
SC3.13i	Annex 13i - Representation from Upper Itchen Initiative responding to Environment Agency's variation notice
SC3.13j	Annex 13j - Representation from Fish Legal responding to Environment Agency's variation notice
SC3.14	Annex 14 - Southern Water's notice of objection to Environment Agency's variation proposals dated 15 December 2016
SC3.15	Annex 15 - Exceptional shortage of rain – Principles for the assessment of drought orders and permits (Environment Agency, January 2015)
SC3.16	Annex 16 - Drought plan guideline extra information – Drought permit and order application ready (Environment Agency, November 2016)
SC4	Testwood - Statement of Case of the Environment Agency
SC4.1	Annex 1 - Testwood licence 11-42-18.16-546
SC4.2	Annex 2 - Agency's letter to Southern Water dated 19th October 2012
SC4.3a1	Annex 3a1 - Natural England's letter to Southern Water date 20th October 2013
SC4.3a2	Annex 3a2 - Natural England's letter on Special Scientific Interest (SSSI), 17 October 2013
SC4.3a3	Annex 3a3 – Natural England's Feedback form
SC4.3a4	Annex 3a4 – Natural England's Technical Paper - Information requirements to support the Testwood licence variation proposals
SC4.3b	Annex 3b - Natural England's Technical Paper - Information requirements to support the Testwood licence variation proposals
SC4.4a 1	Annex 4a Part 1 - DG258 Atkins' Testwood Licence Review Report June 2014
SC4.4a 2	Annex 4a Part 2 - DG258 Atkins' Testwood Licence Review Report June 2014
SC4.4a 3	Annex 4a Part 3- DG258 Atkins' Testwood Licence Review Report June 2014
SC4.4b	Annex 4b - DG258 Atkins' Testwood Licence Review Report June 2014 Appendices
SC4.5	Annex 5 - Agency's letter to Southern Water dated 9 March 2015
SC4.6	Annex 6 - Chronology of communications with Southern Water to 2017
SC4.7a	Annex 7a - Application to vary licence dated 1 August 2016, covering letter
SC4.7b	Annex 7b - Application to vary licence date 1 August, forms
SC4.7c	Annex 7c - Application to vary licence date 1 August, supporting schedule
SC4.7d	Annex 7d - Application to vary licence date 1 August, letter of authorisation
SC4.8	Annex 8 - Agency's letter to Southern Water dated 10 August 2016
SC4.9	Annex 9 - Southern Water's letter dated 19 August 2016
SC4.10	Annex 10 - Agency's letter to Southern Water dated 22 September 2016
SC4.11	Annex 11 - Southern Water's email to the Agency dated 23 September 2016

SC4.12a	Annex 12a - Natural England's comments on the Agency's CRoW Act 2000 Appendix 4 dated 4 January 2017
SC4.12b	Annex 12b - Natural England's CRoW Act 2000 Appendix 4 dated 4 January 2017
SC4.13	Annex 13 - Agency's letter to Southern Water dated 28 November 2016
SC4.14	Annex 14 - Southern Water's email to the Agency of 9 December 2016
SC4.15	Annex 15 - Agency's letter to Southern Water dated 17 February 2017
SC4.16	Annex 16 - Agency's Licence Change Proposal Report dated 30 June 2016
	Annex 17 - Agency's Licence Change Proposal Report dated 30 June 2016 Appendices
SC4.17a	Annex 17a - River Test SSSI Citation
SC4.17b	Annex 17b - Lower Test Valley SSSI Citation
SC4.17c1	Annex 17c1 - River Test SSSI Assessment CrOW Appendix 4
SC4.17c2	Annex 17c2 - Lower Test Valley SSSI Assessment CrOW Appendix 4
SC4.17c3	Annex 17c3 - River Itchen Assessment CrOW Appendix 4
SC4.17c4	Annex 17c4 - Ramsar Assessment CrOW Appendix 11
SC4.17c5	Annex 17c5 - Itchen Salmon Assessment CrOW Appendix 11
SC4.17d	Annex 17d - Rivers Test and Itchen CSMG
SC4.17e 1	Annex 17e Part 1- DG215 Lower Test NEP Vol1 Report FINAL October 2013
SC4.17e 2	Annex 17e – Part 2 DG215 Lower Test NEP Vol1 Report FINAL October 2013
SC4.17e 3	Annex 17e – Part 3 DG215 Lower Test NEP Vol1 Report FINAL October 2013
SC4.17e 4	Annex 17e - DG215 Lower Test NEP Vol 2 Figures October 2013
SC4.17e 5	Annex 17e - DG215 Lower Test NEP Vol 3 Appendices October 2013
SC4.17f	Annex 17f - Copy of Testwood existing licence 11/42/18.16/546 61
SC4.17g	Annex 17g - Proposed use of Testwood Scheme description
SC4.17h	Annex 17h - Hydrology assessment: Proposed Licence Changes and Flow splits sensitivity analysis
SC4.17i	Annex 17i - UKTAG Environmental standards phase 1_Finalv2_010408
SC4.17j	Annex 17j - The fish community of the lower River Test, April 2017
SC4.17k	Annex 17k - EA Invert Eco Assessment Testwood v8
SC4.17l	Annex 17l - Scope for Testwood Licence Review v15/1/2013 FINAL fixed
SC4.17m	Annex 17m - Salmon migration in the Great Test reach of the lower River Test, Hampshire – Determination of a salmon migration relevant river discharge threshold
SC4.17n	Annex 17n - Setting a Hands Off Flow condition for total flows from the River Test into Southampton Water
SC4.17o	Annex 17o - Time limiting abstraction licences
SC4.17p	Annex 17p - 2015 RBMP Measures for Test & Itchen
SC4.17q1	Annex 17q1 - Determination Report for Testwood voluntary application
SC4.17q2	Annex 17q2 - Representations for Testwood voluntary application
SC4.17r	Annex 17r - Copy of the proposed Testwood licence
SC4.17s	Annex 17s- Serious Damage Assessment Form
SC4.18a	Annex 18a - Southern Water's objection received in response to Agency's section 52 Notice, Cover Letter
SC4.18b	Annex 18b - Southern Water's objection received in response to Agency's section 52 Notice, Objection Letter
SC4.19a	Annex 19a - Representation received by Hampshire and IOW Wildlife Trust in response to Agency's section 52 Notice
SC4.19b1	Annex 19b1 - Test Valley Borough Council, covering email in response to Agency's section 52 Notice
SC4.19b2	Annex 19b2 - Representation received by Test Valley Borough Council in response to Agency's section 52 Notice
SC4.19c	Annex 19c - Representation received by Test & Itchen Association in response to Agency's section 52 Notice

SC4.19d	Annex 19d - Representation received by World Wildlife Fund UK in response to Agency's section 52 Notice
SC4.19e1	Annex 19e1 - Representation received by Natural England in response to Agency's section 52 Notice
SC4.19e2	Annex 19e2 - Natural England comments River Test CrOW Appendix 4
SC4.19e3	Annex 19e3 - Natural England comments Lower Test Valley CrOW Appendix 4
SC4.19e4	Annex 19e4 - Natural England comments Itchen Salmon CrOW Appendix 4
SC4.19e5	Annex 19e5 - Natural England comments Ramsar CrOW Appendix 11
SC4.19e6	Annex 19e6 - Natural England comments Itchen Salmon CrOW Appendix 11
SC4.19f.	Annex 19f - Representation received in response to Agency's section 52 Notice
SC4.19g1	Annex 19g1 - cover email from Little River Management in response to Agency's section 52 Notice
SC4.19g2	Annex 19g2 - Representation from Little River Management received in response to Agency's section 52 Notice
SC4.19h1	Annex 19h1 – Fish Legal, cover email in response to Agency's section 52 Notice
SC4.19h2	Annex 19h2 - Representation received by Fish Legal in response to Agency's section 52 Notice
SC4.19i	Annex 19i - Representation received by Barker-Mills Estate in response to Agency's section 52 Notice
SC4.19j1	Annex 19j1 – Cover email by Salmon & Trout Conservation in response to Agency's section 52 Notice
SC4.19j2	Annex 19j2 - Representation received by Salmon & Trout Conservation in response to Agency's section 52 Notice
Southern Water Services	
SC5	Statement of Case of Southern Water Services (including Annexes 1,2, 7 & 8)
SC5.1	Annex 3 proposed Test Surface Water licence
SC5.2	Annex 4 proposed Candover licence
SC5.3a	Annex 5 proposed Itchen licence (OSW)
SC5.3b	Annex 5 proposed Itchen licence (OGW)
SC5.3c	Annex 5 proposed Itchen licence (Twyford)
SC5.4	Annex 6 proposed Portsmouth Water Lower Itchen licence
SC5.5	List of documents relied upon by Southern Water Services in their Statement of Case
Natural England	
SC6	Statement of Case of Natural England
SC6.1a	Appendix 1a - The River Itchen SSSI Citation
SC6.1b	Appendix 1b - The River Itchen SSSI List of operations likely to damage the special interest of the SSS
SC6.1c	Appendix 1c - The River Itchen SSSI Views about Management
SC6.1d	Appendix 1d - The River Itchen SSSI Condition Assessment
SC6.2a	Appendix 2a - River Itchen SAC Citation
SC6.2b	Appendix 2b - River Itchen SAC Natura 2000 Standard Data Form
SC6.2c	Appendix 2c - River Itchen SAC JNCC site details
SC6.2d	Appendix 2d - River Itchen SAC European Site Conservation Objectives
SC6.3a	Appendix 3a - The River Test SSSI Citation
SC6.3b	Appendix 3b - The River Test SSSI List of operations likely to damage the special interest of the SSSI
SC6.3c	Appendix 3c - The River Test SSSI Views about Management
SC6.3d	Appendix 3d - The River Test SSSI Condition Assessment
SC6.4	Appendix 4 - Favourable Condition Target agreement, 2014
SC6.5	Appendix 5 - River Itchen Site Improvement Plan
SC6.6a	Appendix 6a - CSM Guidance – rivers - 2005

SC6.6b	Appendix 6b - CSM Guidance – rivers - 2014
SC6.6c	Appendix 6c - CSM Guidance – rivers – 2016
SC6.6d	Appendix 6d - CSM Guidance – freshwater fauna – 2005
SC6.6e	Appendix 6e - CSM Guidance – freshwater fauna - 2015
SC6.7a	Appendix 7a - River Itchen, NE consultation response
SC6.7b	Appendix 7b - Candover, NE consultation response
SC6.7c	Appendix 7c - Testwood, NE consultation response
Fish Legal and Little River Management Limited	
SC7a	Statement of Case of Little River Management Limited (Part 1)
SC7a.1	Appendix to the Statement of Case of Little River Management Limited (Part 1)
SC7b	Statement of Case of Fish Legal (Part 2)
SC7b.1	Fish Legal representation on Itchen s.52 proposal, December 2016
SC7b.2	Fish Legal representation on Testwood s.52 proposal, August 2017
SC7b.3	Letter from Southern Water to the Environment Agency, 19 August 2016
SC7b.4	Letter from the Environment Agency to Southern Water, 22 September 2016
SC7b.5	Email from Southern Water to the Environment Agency, 23 September 2016
SC7b.6	“Testwood-Otterbourne Pipeline Scheme - Notes on Scheme Description, including specifically frequency, duration, and magnitude of use”. SW draft note, October 2016
SC7b.7	Letter from Southern Water to stakeholders regarding Drought Planning, 10 March 2017
SC7b.8	Discussion paper on salmon migration modelling River Test Salmon Working Group, August 2015
SC7b.9	River Test Salmon Migration and River Flows Analysis of Rod Catch and Fish Counter data, John Lawson, June 2015
SC7b.10	Note on the migration probability-flow relationship for River Test salmon, John Lawson, June 2015
SC7b.11	Note on re-calibration of the Pisces salmon migration model, John Lawson, August 2015
SC7b.12	Summary Report of the Salmon Working Group, 30 September 2015
Hampshire & Isle of Wight Wildlife Trust	
SC8	Statement of Case of Hampshire & Isle of Wight Wildlife Trust
Salmon and Trout Conservation UK and WWF	
SC9	Statement of Case of Salmon and Trout Conservation UK and WWF
SC9a	Annex 1 - WWF (2014) The State of England’s Chalk Streams
SC9b	Annex 2 - WWF (2009) An assessment of invertebrate-based target flows for the River Itchen, Hampshire Prepared for WWF by Professor Robert Wilby, University of Loughborough, November 2009
SC9c	Annex 3 - WWF (2015) Discussion Paper on Managing Lower Test Abstraction Impacts Report produced for WWF by John Lawson FEng FICE FCIWEM March 2015
SC9d	Annex 4 - WWF (2011) Discussion Paper for WWF’s Itchen Initiative - Smarter licensing to reduce damaging abstraction from environmentally fragile rivers with minimum possible impact on water resources yield. River Itchen Case Study Written by Dr Colin Fenn (Independent Consultant), Professor Rob Wilby (University of Loughborough) February 2011
Test and Itchen Association	
SC10	Statement of Case of the Test and Itchen Association
SC10a	Comment on Testwood Abstraction Licence, 7 November 2016
SC10b	Comment on Candover Augmentation Abstraction Licence, 22 November 2016
SC10c	Comment on Otterbourne and Twyford Abstraction Licences, 13 December 2016

Upper Itchen Initiative	
SC11	Statement of Case of the Upper Itchen Initiative
SC11a	Portsmouth Water, draft 2014WRMP
SC11b	Candover Pilot Scheme, Final Report
Barker-Mill Family Trust	
SC12	Statement of Case of the Barker-Mill Family Trust
The Baring Family	
SC13	Statement of Case of the Baring Family

WRITTEN STATEMENTS	
WS1	Written statement by CPRE Hampshire
WS2	Written statement by Roger Harrison

STATEMENTS OF COMMON GROUND	
SOCG1	Statement of Common Ground between the Environment Agency and Southern Water Services on the Legal Framework
SOCG2	Statement of Common Ground between the Environment Agency and Southern Water Services on Modelling
SOCG2a	Appendix A to the Statement of Common Ground between the Environment Agency and Southern Water Services on Modelling
SOCG2b	Appendix B to the Statement of Common Ground between the Environment Agency and Southern Water Services on Modelling
SOCG2c	Appendix C to the Statement of Common Ground between the Environment Agency and Southern Water Services on Modelling
SOCG2d	Appendix D to the Statement of Common Ground between the Environment Agency and Southern Water Services on Modelling

PROOFS OF EVIDENCE	
The Environment Agency	
EA1	Proof of Evidence of Adrian Fewings (Testwood)
EA1a	Appendix 1 to Proof of Evidence - Environment Agency Licence Change Proposal Report (7.1) (see SC4.17a-SC4.17s)
EA1b	Appendix 2 to Proof of Evidence - Griffiths, et al – Genetic stock identification of Atlantic salmon (<i>Salmo Salar</i>) populations in the southern part of the European range – 2010 (7.2)
EA1c	Appendix 3 to Proof of Evidence - Ikediashi, C. et al – Atlantic salmon <i>Salmo salar</i> in the chalk streams of England are genetically unique – January 2018 (7.3)
EA1d	Appendix 4 to Proof of Evidence - Cefas, Environment Agency and Natural Resources Wales – Assessment of Salmon stocks and Fisheries in England and Wales – 2017 (7.4)
EA1e	Appendix 5 to Proof of Evidence - Cefas, Environment Agency and Natural Resources Wales – Salmon stocks and fisheries in England and Wales 2016 (7.5)
EA1f	Appendix 6 to Proof of Evidence - Solomon, D.J. & Sambrook, H.T. – Effects of hot dry summers on the loss of Atlantic salmon, <i>Salmo salar</i> , from estuaries in South West England – 2004 (7.6)
EA1g	Appendix 7 to Proof of Evidence - Solomon, D.J. and Lightfoot, G.W – The thermal biology of brown trout and Atlantic salmon – 2008 (7.7)
EA1h	Appendix 8 to Proof of Evidence - King, H.R. et al – Reproductive sensitivity to elevated water temperatures in female Atlantic salmon is heightened at certain stages of vitellogenesis – 2007 (7.8)

EA1i	Appendix 9 to Proof of Evidence - Solomon, D.J. et al – Salmon migration and river flow – 1999 (7.9)
EA/R1	Rebuttal Proof of Evidence of Adrian Fewings (Testwood)
EA/R1a	Appendix to Rebuttal Proof of Evidence - Rapid statistical assessment of Southern Water's assessment of river flow effects on salmon migration in the Lower River Test by Stuart Homann (22 February 2018)
EA2	Proof of Evidence of Alison Matthews (Testwood)
EA2a	Appendix 1 to Proof of Evidence - Environment Agency – Licence Change Proposal Report (5.1) (see SC4.17a-SC4.17s)
EA2b	Appendix 2 to Proof of Evidence - Environment Agency – proposed draft licence (5.2) (see SC4.17r)
EA2c	Appendix 3 to Proof of Evidence - South East River Basin Management Plan 2015 (5.3)
EA2d	Appendix 4 to Proof of Evidence - Environment Agency – Environmental Flow Indicator, Application of the EFI for Water Companies licensing – January 2018 (5.4)
EA2d.1	Appendix 4a to Proof of Evidence - Environment Agency – Environmental Flow Indicator, Application of the EFI for Water Companies licensing cover email – January 2018 (5.4a)
EA2e	Appendix 5 to Proof of Evidence - Defra's water abstraction plan – December 2017 (5.5)
EA2f	Appendix 6 to Proof of Evidence - DG100 – Lower Test NEP Volume 1 Report (5.6) (see SC4.17e1 - SC4.17e3)
EA2g	Appendix 7 to Proof of Evidence - Water industry strategic environmental requirements (WISER) (5.7)
EA2h	Appendix 8 to Proof of Evidence - Salmon five point approach – restoring salmon in England (5.8)
EA2i	Appendix 9 to Proof of Evidence - JNCC – Common Standards Monitoring Guidance – 2016 (5.9)
EA/R2	Rebuttal Proof of Evidence of Alison Matthews (Testwood and Candover)
EA/R2a	Appendix 1 to Rebuttal Proof of Evidence
EA/R2b	Appendix 2 to Rebuttal Proof of Evidence
EA/R2c	Appendix 3 to Rebuttal Proof of Evidence
EA/R2d	Appendix 4 to Rebuttal Proof of Evidence
EA3.1	Proof of Evidence of Alison Matthews – part 1 (Candover)
EA3.2	Proof of Evidence of Alison Matthews – part 2 (Candover)
EA3a	Appendix 1 to Proof of Evidence - Environment Agency – RoC Site Action Plan (9.1) (see SC2.5)
EA3b	Appendix 2 to Proof of Evidence - Environment Agency – Part 1 Hydrological Impact Analysis 2016 (9.2) (see SC2.16)
EA3c	Appendix 3 to Proof of Evidence - Environment Agency – Final Report 2016 (9.3) (see SC2.18)
EA3d	Appendix 4 to Proof of Evidence - Environment Agency – Approach to Groundwater Protection – November 2017 (9.4)
EA3e	Appendix 5 to Proof of Evidence - Environment Agency - Determination report (9.5) (see SC2.2)
EA3f	Appendix 6 to Proof of Evidence - Current abstraction licence for Candover (9.6) (see SC2.8)
EA3g	Appendix 7 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 (9.7)
EA4.1	Proof of Evidence of Dominic Longley – part 1 (Testwood)

EA4.2	Proof of Evidence of Dominic Longley – part 2 (Testwood)
EA4a	Appendix 1 to Proof of Evidence - Longley, D. – The fish community of the lower River Test – 11 April 2017 (6.1) (see SC4.17j)
EA4b	Appendix 2 to Proof of Evidence - The fish community of the lower River Test, revised (6.2)
EA4c	Appendix 3 to Proof of Evidence - Summaries of WFD fish classifications (6.3)
EA4d	Appendix 4 to Proof of Evidence - WFD Fish Objectives (6.4)
EA4e	Appendix 5 to Proof of Evidence - Lower Test waterbody maps (6.5)
EA4f	Appendix 6 to Proof of Evidence - Map of Lower Test key features (6.6)
EA4g	Appendix 7 to Proof of Evidence - Cefas, Environment Agency and Natural Resources Wales – Salmon stocks and fisheries in England and Wales 2016 (6.7)
EA4h	Appendix 8 to Proof of Evidence - Environment Agency – Managing salmon stocks in England and Wales (6.8)
EA4i	Appendix 9 to Proof of Evidence - Ikediashi, C. et al – Atlantic salmon <i>Salmo salar</i> in the chalk streams of England are genetically unique – January 2018 (6.9)
EA4j	Appendix 10 to Proof of Evidence - Environment Agency – Solent and South Downs: Fish Monitoring Report 2016 (6.10)
EA4k	Appendix 11 to Proof of Evidence - Parrish, D.L. et al Why aren't there more Atlantic salmon (<i>Salmo salar</i>)? – 1998 (6.11)
EA4l	Appendix 12 to Proof of Evidence - Russell, I.C. et al – The use of coded-wire microtags to assess prey selectivity and foraging behaviour in great cormorants – 2003 (6.12)
EA4m	Appendix 13 to Proof of Evidence - Goodwin, et al – A small number of anadromous females drive reproduction in a brown trout (<i>Salmo trutta</i>) population in and English chalk stream – 2016 (6.13)
EA4n	Appendix 14 to Proof of Evidence - Henderson, P et al – Evidence for a population collapse of European eel (<i>Anguilla anguilla</i>) in the Bristol Channel – 2012 (6.14)
EA4o	Appendix 15 to Proof of Evidence - Russell, et al – The influence of the freshwater environment and the biological characteristics of Atlantic salmon smolts on their subsequent marine survival – 2012 (6.15)
EA4p	Appendix 16 to Proof of Evidence - Parry, E.S. et al – The effects of flow on Atlantic salmon red distribution in a UK chalk stream between 1980 and 2015 (6.16)
EA/R4	Rebuttal Proof of Evidence of Dominic Longley (Testwood)
EA/R4a	Appendix 1 to Rebuttal Proof of Evidence
EA/R4b	Appendix 2 to Rebuttal Proof of Evidence
EA/R4c	Appendix 3 to Rebuttal Proof of Evidence
EA/R4d	Appendix 4 to Rebuttal Proof of Evidence
EA/R4e	Appendix 5 to Rebuttal Proof of Evidence
EA/R4f	Appendix 6 to Rebuttal Proof of Evidence
EA/R4g	Appendix 7 to Rebuttal Proof of Evidence
EA/R4h	Appendix 8 to Rebuttal Proof of Evidence
EA/R4i	Appendix 9 to Rebuttal Proof of Evidence
EA/R4j	Appendix 10 to Rebuttal Proof of Evidence
EA/R4k	Appendix 11 to Rebuttal Proof of Evidence
EA/R4l	Appendix 12 to Rebuttal Proof of Evidence
EA/R4m	Appendix 13 to Rebuttal Proof of Evidence
EA/R4n	Appendix 14 to Rebuttal Proof of Evidence
EA/R4o	Appendix 15 to Rebuttal Proof of Evidence
EA/R4p	Appendix 16 to Rebuttal Proof of Evidence
EA/R4q	Appendix 17 to Rebuttal Proof of Evidence

EA/R4r	Appendix 18 to Rebuttal Proof of Evidence
EA/R4s	Appendix 19 to Rebuttal Proof of Evidence
EA/R4t	Appendix 20 to Rebuttal Proof of Evidence
EA/R4u	Appendix 21 to Rebuttal Proof of Evidence
EA5	Proof of Evidence of Benjamin Rushbrook (Candover)
EA5a	Appendix 1 to Proof of Evidence - Rushbrook et al – Investigating the potential ecological implications of the Upper Itchen flow augmentation schemes: a specific focus on the resident white-clawed crayfish population – August 2012 (8.1)
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 - Hodich, D.M. & Sibley, P.J. – ICS and NICS in Britain in the 2000s – 2009 (8.4)
EA5e	Appendix 5 to Proof of Evidence - Füreder, et al – <i>Austropotamobius pallipes</i> , White-clawed crayfish – 2010 (8.5)
EA5f	Appendix 6 to Proof of Evidence - Rogers, D & Watson, E – Distribution database for crayfish in England and Wales (8.6)
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)
EA5h	Appendix 8 to Proof of Evidence - Holdich, D.M. – Ecology of the White-clawed crayfish – 2003 (8.8)
EA5i	Appendix 9 to Proof of Evidence - Environment Agency – Part 2 Assessment of Ecological Risks 2016 (8.9) (see SC2.17)
EA5j	Appendix 10 to Proof of Evidence - Hutchings, A – Native Crayfish Project – East Hampshire Rivers Survey and the 1997 interim report on the project – February 1998 (8.10)
EA5k	Appendix 11 to Proof of Evidence - Rushbrook, B – Crayfish Survey Report – 2009 (8.11)
EA5l	Appendix 12 to Proof of Evidence - Browne, C – Interim report to the Environment Agency – November 2010 (8.12)
EA5m	Appendix 13 to Proof of Evidence - Environment Agency – Audit of priority species of rivers and wetlands – White-clawed crayfish in South Hampshire and Isle of Wight – January 1998 (8.13)
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)
EA5o	Appendix 15 to Proof of Evidence - Environment Agency – Part 1 Hydrological Impact Analysis – 2016 (8.15) (see SC2.16)
EA5p	Appendix 16 to Proof of Evidence - Barbaresi, S & Gherardi, F – Daily activity of the white-clawed crayfish, <i>Austropotamobius pallipes</i> (Lereboullet): a comparison between field and laboratory studies – 2001 (8.16)
EA5q	Appendix 17 to Proof of Evidence - Gherardi, F – Biology of freshwater crayfish - Behaviour pp. 258 – 290, 2002 (8.17)
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)
EA5s	Appendix 19 to Proof of Evidence - Lucas, et al – Morpeth Flood Alleviation Scheme – Impacts on white-clawed crayfish (8.19)
EA5t	Appendix 20 to Proof of Evidence - Brickland, J.H and Baron, P.E. – Winterburn Reservoir compensation flow reduction trials impact on white-clawed crayfish 2009 (8.20)

EA5u	Appendix 21 to Proof of Evidence - Clavero, M et al – Microhabitat use by foraging white-clawed crayfish in stream pools in the NE Iberian peninsula – 2008 (8.21)
EA5v	Appendix 22 to Proof of Evidence - Demer, A et al – Habitat preference of different size classes of <i>Austropotamobius Pallipes</i> in an Irish river – 2003 (8.22)
EA5w	Appendix 23 to Proof of Evidence - Buenvento, C et al – Microhabitat use by the white-clawed crayfish in a Tuscan stream – 2008 (8.23)
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)
EA5aa	Appendix 27 to Proof of Evidence - Environment Agency – Appropriate Assessment 2016 (8.27) (see SC2.19)
EA5bb	Appendix 28 to Proof of Evidence - Environment Agency – Final Report 2016 (8.28) (see SC2.18)
EA5cc	Appendix 29 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 (8.29)
EA/R5	Rebuttal Proof of Evidence of Benjamin Rushbrook (Candover)
EA6	Proof of Evidence of Lisa Winfield
EA6a	Appendix 1 to Proof of Evidence - Environment Agency – Drought response: our framework for England – June 2015 (1.1)
EA6b	Appendix 2 to Proof of Evidence - Environment Agency - Water Resources Planning Guideline: Interim update – April 2017 (1.2)
EA6c	Appendix 3 to Proof of Evidence - Environment Agency – Exceptional shortage of rain (1.3)
EA6d	Appendix 4 to Proof of Evidence - Environment Agency – Drought permit and order application ready – November 2016 (1.4)
EA6e	Appendix 5 to Proof of Evidence - Environment Agency – Environmental assessment in Water Company Drought Plans – September 2017 (1.5)
EA6f	Appendix 6 to Proof of Evidence - Environment Agency - Example control curves (1.6)
EA6g	Appendix 7 to Proof of Evidence - Environment Agency – Drought Contingency Planning Guideline - June 1999 (1.7)
EA6h	Appendix 8 to Proof of Evidence - Sutton and East Surrey Water Plc Drought Order DO/06/02 – 29 March 2006 (1.8)
EA6i	Appendix 9 to Proof of Evidence - Defra's 2011 guidance – How to write and publish a drought plan (1.9)
EA6j	Appendix 10 to Proof of Evidence - Drought Orders in England 1989 – 2017 (1.10)
EA6k	Appendix 11 to Proof of Evidence - Drought permit - Bewl water reservoir - 16 January 2018 (1.11)
EA6l	Appendix 12 to Proof of Evidence - Drought permit - Bewl water reservoir - 16 January 2018 (1.12)
EA6m	Appendix 13 to Proof of Evidence - UK WIR - Code of practice and guidance for water companies on water use restrictions – 2013 Report ref: 14/WR/33/6 (1.13)
EA6n	Appendix 14 to Proof of Evidence - CIS guidance – Common implementation strategy for the WFD Guidance document No 20 on exemptions to the environmental objectives (1.14)

EA6o	Appendix 15 to Proof of Evidence - South East River Basin Management Plan 2015 – 2021 – December 2015 (1.15)
EA/R6	Rebuttal Proof of Evidence of Lisa Winfield
EA7	Proof of Evidence of Mike O'Neill
EA7a	Appendix 1 to Proof of Evidence - Environment Agency – Extract from investigation manual – 11 December 2017 (2.1)
EA7b	Appendix 2 to Proof of Evidence - Home Office – Code of practice – Powers of Entry – December 2014 (2.2)
EA7c	Appendix 3 to Proof of Evidence - Environment Agency – specimen of a warrant counterpart (2.3)
EA7d	Appendix 4 to Proof of Evidence - Environment Agency – Great Test salmon migration data analysis (2.4) (see SC4.17m)
EA7e	Appendix 5 to Proof of Evidence - Itchen SAC Review of consents (2.5) (see SC3.3)
EA7f	Appendix 6 to Proof of Evidence - Southern Water - 2009 WRMP (section 10.3.10) (2.6)
EA7g	Appendix 7 to Proof of Evidence - Southern Water 2014 WRMP (2.7) (see SC3.5)
EA7h	Appendix 8 to Proof of Evidence - Letter from Defra to Southern Water – 26 March 2014 (2.8)
EA7i	Appendix 9 to Proof of Evidence - Itchen abstraction licences (2.9) (see SC2.1)
EA7j	Appendix 10 to Proof of Evidence - Letter from Defra to Southern Water – 11 August 2016 (2.10) (see SC2.7)
EA7k	Appendix 11 to Proof of Evidence - Letter from Defra to Southern Water – 26 March 2014 (2.11 duplicate of EA7h)
EA/R7	Rebuttal Proof of Evidence of Mike O'Neill
EA/R7a	Appendix 1 to Rebuttal Proof of Evidence
EA/R7b	Appendix 2 to Rebuttal Proof of Evidence
EA/R7c	Appendix 3 to Rebuttal Proof of Evidence
EA/R7d	Appendix 4 to Rebuttal Proof of Evidence
EA/R7e	Appendix 5 to Rebuttal Proof of Evidence
EA8	Proof of Evidence of Tim Sykes (Testwood)
EA8a	Appendix 1 to Proof of Evidence - Environment Agency's – Testwood Licence Change Proposal Report (4.1) (see SC4.17a-SC4.17s)
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)
EA8d	Appendix 4 to Proof of Evidence - Defra Strategic Policy Statement (4.4)
EA8e	Appendix 5 to Proof of Evidence - Ofwat – Resilience in the Round – September 2017 (4.5)
EA8f	Appendix 6 to Proof of Evidence - Water UK – Long Term Planning Framework – 2016 (4.6)
EA8g	Appendix 7 to Proof of Evidence - Southern Water – Water Futures in the South East – Towards 2050 (4.7)
EA8h	Appendix 8 to Proof of Evidence - Environment Agency - Position statement on implementing hydro-morphological measures – September 2015 (4.8)
EA8i	Appendix 9 to Proof of Evidence - Letter – Environment Agency response to Drought Plan SEA Scoping consultation – 16 December 2016 (4.9)
EA8j	Appendix 10 to Proof of Evidence - Letter from Environment Agency to Southern Water – 10 August 2016 (4.10) (see SC4.6)
EA9.1	Proof of Evidence of Tim Sykes – part 1 (Candover)
EA9.2	Proof of Evidence of Tim Sykes – part 2 (Candover)
EA9.3	Proof of Evidence of Tim Sykes – part 3 (Candover)

EA9a	Appendix 1 to Proof of Evidence - Environment Agency – RoC Appropriate Assessment 2005 (10.1) (see SC2.4)
EA9b	Appendix 2 to Proof of Evidence - Hampshire and Isle of Wight Water Resources Steering Group: Candover – Itchen Technical Working Group 2015 (10.2)
EA9c	Appendix 3 to Proof of Evidence - Letter from Environment Agency to Southern Water 30 September 2015 (10.3) (see SC2.25)
EA9d	Appendix 4 to Proof of Evidence - Environment Agency - Part 2 Assessment of Ecological Risks 2016 (10.4) (see SC2.17)
EA9e	Appendix 5 to Proof of Evidence - Environment Agency - Part 1 Hydrological Impact Analysis 2016 (10.5) (see SC2.16)
EA9f	Appendix 6 to Proof of Evidence - Environment Agency - Final Report 2016 (10.6) (see SC2.18)
EA9g	Appendix 7 to Proof of Evidence - Environment Agency - Appropriate Assessment 2016 (10.7) (see SC2.19)
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)
EA9i	Appendix 9 to Proof of Evidence - Itchen Groundwater Regulation Scheme Final Report, The Candover Pilot Scheme – June 1979 (10.9)
EA9j	Appendix 10 to Proof of Evidence - Letter from Natural England to Environment Agency – 14 July 2016 (10.10) (see SC2.15a)
EA9k	Appendix 11 to Proof of Evidence - Letter from Natural England - 14 December 2016 (10.11) (see SC3.13d)
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)
EA9p	Appendix 16 to Proof of Evidence - Managing Natura 2000 Sites – the provisions of article 6 of the Habitats Directive 92/43/EE (10.16) (see SC3.10)
EA9q	Appendix 17 to Proof of Evidence - Letter from Natural England to Environment Agency - 6 December 2007 (10.17)
EA/R9	Rebuttal Proof of Evidence of Tim Sykes (Candover)
EA/R9a	Appendix 1 to Rebuttal Proof of Evidence
EA10.1	Proof of Evidence of Tim Sykes – part 1 (Itchen)
EA10.2	Proof of Evidence of Tim Sykes – part 2 (Itchen)
EA10.3	Proof of Evidence of Tim Sykes – part 3 (Itchen)
EA10a	Appendix 1 to Proof of Evidence - Environment Agency – RoC Appropriate Assessment (3.1) (see SC3.3)
EA10b	Appendix 2 to Proof of Evidence - Environment Agency – Itchen RoC Site Action Plan (3.2) (see SC3.4)
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)
EA10h	Appendix 8 to Proof of Evidence - Environment Agency - Ecohydrological Guidelines for Lowland Wetlands Plant Communities – December 2004 (3.8)
EA10i	Appendix 9 to Proof of Evidence - River Itchen Steering Group - Wet Grassland Modelling Technical Ref H(PR)09 – November 2004 (3.9)
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)
EA/R10	Rebuttal Proof of Evidence of Tim Sykes (Itchen)
EA/R10a	Appendix 1 to Rebuttal Proof of Evidence
EA/R10b	Appendix 2 to Rebuttal Proof of Evidence
EA/R10c	Appendix 3 to Rebuttal Proof of Evidence
EA/R10d	Appendix 4 to Rebuttal Proof of Evidence
EA/R11	Rebuttal Proof of Evidence of Sam Bunce
Southern Water Services	
SWS1	Proof of Evidence of Andy Blaxland
SWS2	Proof of Evidence of Robin Smale
SWS2a	Appendix 1 to Proof of Evidence – Green Book
SWS2b	Appendix 2 to Proof of Evidence – EA 2012 Updating the National Water Environment Benefit Survey values
SWS/R2	Rebuttal Proof of Evidence of Robin Smale
SWS3	Proof of Evidence of Tessa Wardley
SWS3.1	Errata to Proof of Evidence
SWS3a	Appendix 1 to Proof of Evidence - Richard P. Chadd et al, 2017- An index to track the ecological effects of drought development and recovery on riverine invertebrate communities, in Ecological Indicators
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
SWS/R3	Rebuttal Proof of Evidence of Tessa Wardley
SWS/R3a	Appendix 1 to Rebuttal Proof of Evidence - The Ecology and Conservation of the Southern Damselfly (Coenagrion mercuriale – Charpentier) in Britain, B Purse

SWS/R3b	Appendix 2 to Rebuttal Proof of Evidence - An Investigation into the Effects of Drought and Drought Recovery on Macroinvertebrate Communities, Caroline Mullen
SWS4	Proof of Evidence of Dr Andrew Brooks
SWS4a	Appendix 1 to Proof of Evidence - Buglife (2011). Species dossier. Baetis niger Southern iron blue
SWS4b	Appendix 2 to Proof of Evidence - Hatton-Ellis et al,(2003), Ecology of Watercourses Characterised by Ranunculion fluitantis and Callitricho-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.
SWS/R4	Rebuttal Proof of Evidence of Dr Andrew Brooks
SWS/R4a	Appendix 1 to Rebuttal Proof of Evidence - Candover Pilot Scheme Final Report 1979
SWS5	Proof of Evidence of Robert Soley
SWS5a	Appendices to Proof of Evidence of Robert Soley
SWS5b	Figures to Proof of Evidence of Robert Soley
SWS5c	Soberton Licence, April 2016 (footnote 47 of proof)
SWS5d	Southern Water's representation on the Environment Agency submission for - Renewal of Environment Agency Candover abstraction licence (footnote 48 of proof)
SWS/R5	Rebuttal Proof of Evidence of Robert Soley
SWS/R5a	Appendices to Rebuttal Proof of Evidence
SWS6	Proof of Evidence of Ben Piper
SWS6a	Appendix to Proof of Evidence– Interpretation of Hydrology for Aquator, Southern Water, 17 January 2018
SWS/R6	Rebuttal Proof of Evidence of Ben Piper
SWS7	Proof of Evidence of Nigel Hepworth
SWS7a	Appendix 1 to Proof of Evidence - Southern Water Technical Note Western Area Exceptional Shortage of Rain Analysis
SWS7b	Appendix 2 to Proof of Evidence - Copy of email showing agreement in principle from Natural England to River Itchen Habitats Regulations compensation framework in 2016
SWS7c	Appendix 3 to Proof of Evidence - 22 April 2009 agreement between the EA and Thames Water Utilities Ltd ("TWUL") relating to the operation of Beckton Water Treatment (Desalination) Plant
SWS7d	Appendix 4 to Proof of Evidence - 19 December 2016 agreement between the EA and TWUL relating the Lower Thames Abstraction Scheme

SWS7e	Appendix 5 to Proof of Evidence - 2004 agreement between the EA and Three Valleys Water Pie relating to abstraction in the Misbourne Valley
SWS7f	Appendix 6 to Proof of Evidence - 21 July 2015 agreement between the EA and United Utilities Ltd relating to the operation of abstractions from South Egremont Boreholes and Ennerdale Water
SWS7g	Appendix 7 to Proof of Evidence - 1987 Severn Trent Water Egginton Abstraction Licence
SWS/R7	Rebuttal Proof of Evidence of Nigel Hepworth
SWS/R7a	Appendix 1 to Rebuttal Proof of Evidence - WRMP supply-demand balance deficits
SWS/R7b	Appendix 2 to Rebuttal Proof of Evidence - WRMP deployable output for Testwood and Lower Itchen sources. Variation of deployable output by drought severity with EAs licence changes
SWS/R7c	Appendix 3 to Rebuttal Proof of Evidence - Example within-day (hourly) abstraction data for Testwood
SWS/R7d	Appendix 4 to Rebuttal Proof of Evidence - Summary tables
SWS/R7e	Appendix 5 to Rebuttal Proof of Evidence - Plots from Aquator
SWS8	Proof of Evidence of Phil Sutherland
SWS8a	Appendix to Proof of Evidence – Technical Note, Hydraulic model extension, 20 December 2017
SWS/R8	Rebuttal Proof of Evidence of Phil Sutherland
SWS9	Proof of Evidence of Meyrick Gough
SWS/R9	Rebuttal Proof of Evidence of Meyrick Gough
SWS10	Proof of Evidence of Dr Nigel Milner
SWS10a	Publication List (appended to proof)
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
SWS/R10	Rebuttal Proof of Evidence of Dr Nigel Milner
Natural England	
NE1	Proof of Evidence of Chris Mainstone
NE1a	Summary Proof of Evidence of Chris Mainstone
NE1b.1	Appendix 1 to Proof of Evidence – Climate Change Adaptation Manual 2014
NE1b.2	Appendix 2 to Proof of Evidence – Mainstone et al - 2016, Conserving Freshwater Wetland Habitats
NE1b.3	Appendix 3 to Proof of Evidence - Mainstone et al – 2014, Priority River Habitat Mapping Targeting
NE1b.4	Appendix 4 to Proof of Evidence - Mainstone et al – 2015, Refining Priority River Habitat Map
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
NE1b.7	Appendix 7 to Proof of Evidence – Mainstone -2010, Evidence Base for Flow Targets to Protect River Habitat

NE1b.8	Appendix 8 to Proof of Evidence – Mainstone – 2010, Evidence Base for Nutrient Targets to Protect River Habitat
NE1b.9	Appendix 9 to Proof of Evidence – Freshwater LCN-2010, Review of UK CSMG for Designated Rivers
NE1b.10	Appendix 10 to Proof of Evidence - Mainstone- 2008, Role of Designated Sites in Freshwater Conservation
NE1b.11	Appendix 11 to Proof of Evidence – Mainstone -2010, Review of Flow Targets in UK CSMG for Designated Rivers
NE1b.12	Appendix 12 to Proof of Evidence – Jowett 1997, Instream Flow Methods Comparisons.
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
NE1b.14.2	Appendix 14.2 to Proof of Evidence – Mainstone et al -1999, Chalk Rivers Nature Conservation Management Pt.2
NE1b.15	Appendix 15 to Proof of Evidence – NE Guidance on Local Hydroecological Investigations
NE1b.16	Appendix 16 to Proof of Evidence – Nutter et al 2007, SSSI River Flow Criteria
NE1b.17	Appendix 17 to Proof of Evidence – JNCC 2011, UK BAP Priority Habitat Descriptions
NE1b.18	Appendix 18 to Proof of Evidence - Arthington et al. (2006) Environmental Flow Rules
NE1b.19	Appendix 19 to Proof of Evidence - Richter et al (1997) How Much Water Does a River Need
NE2	Proof of Evidence of Dr Alex Poynter
NE2a	Summary Proof of Evidence of Dr Alex Poynter
NE2b.1	Appendix 1 to Proof of Evidence - Grieve (2014) River Itchen SSSI Condition Assessment, UCL
NE2b.2	Appendix 2 to Proof of Evidence - Bealey & Price (2015) Itchen Valley NVC Report
NE2b.3	Appendix 3 to Proof of Evidence - Collingridge (2002) Itchen Wet Grassland NVC Survey
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
NE2b.6	Appendix 6 to Proof of Evidence - Atkins (2012) Lower River Test NEP - Vol. 1.
NE2b.7	Appendix 7 to Proof of Evidence – Letter from Natural England September 2012
Fish Legal	
FL1	Proof of Evidence of John Lawson
FL/R1	Rebuttal Proof of Evidence of John Lawson
FL2	Proof of Evidence of Howard Taylor
FL/R2	Rebuttal Proof of Evidence of Howard Taylor
FL/R2a	Appendix 1 to Rebuttal Proof of Evidence - Testwood & Nursling 2018 Rod Fees schedule
FL/R2b	Appendix 2 to Rebuttal Proof of Evidence - CEFAS tracking study overview Scope of Works 290817 v3
FL/R2c	Appendix 3 to Rebuttal Proof of Evidence - CEFAS tracking study Scope of Works - Phase 2 v1
FL3	Statement of Case – Mike Johnson

Trustees of the Barker-Mill Family Trust	
BMFT1	Statement of Case – Simon Barker
BMFT1a	Index of supporting information
BMFT1a.1	Documentation relating to the lease between TBME and Little River Management Ltd.
BMFT1a.2	Expenditure – River Fishery Costs
BMFT1a.3	Expenditure – Fishing Cottage, Mill Lane
BMFT1a.4	Expenditure – Testwood Fishing Lodge