

## Appendix 1.1 Statement of Competence

Technical Area:	EIA Coordination, Management and Author of Chapter 1 Introduction, Chapter 2 EIA Methodology, Chapter 3 Site and Surrounds, Chapter 4 Proposed Scheme, Chapter 5 Alternatives, Chapter 13 Cumulative Effects (with input from each of the disciplines below), Chapter 14 Summary of ES and Schedule of Mitigation and Non-Technical Summary
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Lead Author:	Andrew Malcomson, Turley
Qualifications / Accreditations relevant to technical area and EIA:	Practitioner Member of the Institute of Environmental Management and Assessment (PIEMA) Environmental Management and Assessment MSc
Years technical experience:	11 years
Project Experience	Cuerden Retail Estate and Housing Development, South Ribble - EIA Coordination and Leadership Madejski Stadium Redevelopment, Reading Football Club - EIA Coordination and Leadership Sherford New Town, Plymouth – EIA Coordination and Leadership Riverside Stand, Fulham Football Club – Environmental Coordination

Technical Area:	Chapter 6 Socio-Economics and Human Health
Lead Author:	Andrew Lowe
Qualifications / Accreditations relevant to technical area and EIA:	MPlan MRTPI
Years technical experience:	6 years
Project Experience:	Socioeconomic assessments for the following: Rail Central, Northamptonshire Junction 11, M42 Hulton Park, Bolton Speedway World Cup, Manchester

Technical Area:	Chapter 7 Townscape and Visual Impact Assessment
Lead Author:	Gillian Webb
Qualifications / Accreditations relevant to technical area and EIA:	Chartered Membership (CMLI) of the Landscape Institute
Years technical experience:	13 years

Technical Area:	Chapter 7 Townscape and Visual Impact Assessment
Project Experience:	ES chapter author: 1. No. 3 Circle Square/Plot 12, Manchester. 2. Exchange Square Phase 2, Birmingham.

Technical Area:	Chapter 8 Built Heritage
Lead Author:	Jack Haw
Qualifications / Accreditations relevant to technical area and EIA:	BSc(Hons) in Architectural Conservation and Master of Civic Design (MCD) in Town and Regional Planning
Years technical experience:	9 years
Project Experience:	<p><b>Anfield Main Stand:</b> Preparation of a Heritage Statement and Environmental Impact Assessment (EIA) Built Heritage Chapter to support stadium expansion proposals, including assessment of the significance and setting of highly graded registered parks and gardens and listed buildings. (ES Chapter Author)</p> <p><b>Europa Way, Warwick:</b> preparation of a Heritage Statement and Environmental Impact Assessment (EIA) Built Heritage Chapter to support a large residential development on the outskirts of Warwick, including assessment of the significance and setting of a highly graded registered park and garden and listed buildings.</p> <p><b>South Shields Town Centre:</b> Preparation of a Heritage Statement and Environmental Impact Assessment (EIA) Built Heritage Chapter to assess the impact of a large mixed use development and regeneration of South Shields town centre, including assessment of the significance and setting of the Frontiers of the Roman Empire World Heritage Site.</p> <p><b>Port Salford:</b> Preparation of a Heritage Assessment and Environmental Impact Assessment (EIA) Built Heritage Chapter to assess the impact of the extension of a strategic rail freight interchange on the significance and setting of a large number of heritage assets.</p>

Technical Area:	Chapter 9 Biodiversity
Lead Author:	Nicola Johnson
Qualifications / Accreditations relevant to technical area and EIA:	<p>MSc Biodiversity and Conservation, University of Leeds, 2011</p> <p>BSc (Hons) Marine Biology, Newcastle University, 2008</p> <p>Graduate member of the Chartered Institution of Ecology and Environmental Management (CIEEM) – <i>in the process of updating to Full Member</i></p> <p>Construction Skills Certification Scheme (CSCS) certified</p>

Technical Area:	Chapter 9 Biodiversity
	Highways England Motorway Pass holder Emergency First Aid Responder Hold a Natural England Class 1 Licence to survey for GCN Hold a Natural England Class Licence for the Displacement of Water Voles
Years technical experience:	8 years
Project Experience:	Acted as checker for <i>Ashdown Forest Habitat Regulations Assessment (HRA)</i> – 2018 Co-author of <i>A27 Environmental Assessment Report (EAR)</i> Co-author of <i>A358 Taunton to Southfields Assessment of Implications on European Sites (AIES)</i> – 2016 Various Highways England (formerly the Highways Agency) IRF281 Stage 1 Scoping Assessments e.g M2 Chatham By-pass, Kent; A27 Devil's Dyke Various Highways England (formerly the Highways Agency) <i>Findings of No Significant Effects</i> report e.g. A27 Cycle Route Study – Worthing to Lancing

Technical Area:	Chapter 10 Transport
Lead Author:	Caroline Sherratt, Mott MacDonald
Qualifications / Accreditations relevant to technical area and EIA:	Chartered Transport Planning Professional (CTPP) Member of the Chartered Institute of Highways and Transportation (MCIHT) BA (Hons) Geography
Years technical experience:	12 years
Project Experience:	LFC Main Stand Expansion – ES Transport Chapter author MCFC Stadium expansion – ES Transport Chapter author Goodison Redevelopment - ES Chapter reviewer Bramley Moore Dock (Everton) stadium - ES Chapter reviewer Heathrow Expansion Project - ES Scoping Chapter author

Technical Area:	Chapter 11 Noise and Vibration
Lead Author:	Belinda Grattan and Adrian Morgan
Qualifications / Accreditations relevant to technical area and EIA:	MIOA
Years technical experience:	>15 years
Project Experience:	<b>Liverpool Football Club Anfield Stadium Expansion, Liverpool</b> – Noise assessment for the Environmental Statement

Technical Area:	Chapter 11 Noise and Vibration
	supporting the planning application to extend the Main Stand and Anfield Road Stand.
	<b>A1 Scotswood to North Brunton, Newcastle</b> – Preparation of noise and vibration element of an environmental impact assessment for widening part of the A1.
	<b>Leeds Flood Defences, Leeds, UK</b> – Baseline environmental noise monitoring and construction noise assessment.
	<b>Hope Valley Capacity Order – Derbyshire</b> – Represented Network Rail as an expert witness for noise and vibration at the public inquiry in June 2016. Preparation of noise and vibration technical appendix and environmental statement for Transport and Works Act application for a new passing loop for freight trains.
	<b>Kirkless Industrial Estate, Wigan</b> – Noise chapter for environmental statement in support of the planning application for the proposed conversion of an industrial estate into a residential area.
	<b>Wrexham Industrial Estate Approach Roads</b> – Baseline noise surveys for environmental statement for two new approach roads.
	<b>Leeds New Generation Transport (NGT)</b> – Preparation of noise and vibration technical appendix for environmental statement for Transport and Works Act application for a new trolley bus system in Leeds.

Technical Area:	Chapter 12 Climatic Effects (Wind Microclimate)
Lead Author:	Krishan Jayyaratnam
Qualifications / Accreditations relevant to technical area and EIA:	C.Eng MIMechE M.Eng Aeronautics and Astronautics – University of Southampton
Years technical experience:	5.5 years
Project Experience:	Engineering Team Leader with 5.5 years' experience in wind microclimate consulting and assessments for planning. - 22 Bishopsgate - Elephant and Castle Masterplan - 1 Leadenhall - Meridian Gate - Bankside Yard East