

## APPENDIX 1.1: TECHNICAL CHAPTERS - AUTHORS AND QUALIFICATIONS

Chapter	Author/Qualifications
7 Landscape and Visual Impact	This Chapter has been prepared by ██████████ Principal Associate Landscape Architect at fabrik. ██████████ has a BA (Hons) and Masters degree in Landscape Architecture, and is a Chartered Member of the Landscape Institute (CMLI). ██████████ has over 10 years' experience in landscape planning and has prepared LVIA ES chapters for a range of greenfield and brownfield projects.
8 Ecology and Nature Conservation	This Chapter has been prepared by experienced professional ecological consultants at Ecology Solutions who are members of the Chartered Institute of Ecology and Environmental Management (CIEEM) and holders of mitigation and survey licences, such as a Level 2 bat licence and Great Crested Newt licences, and are therefore both qualified and experienced to make such judgements where appropriate.
9 Cultural Heritage and Archaeology	This Chapter has been prepared by ██████████ Principal Heritage Consultant at Cotswold Archaeology. ██████████ has over 13 years of experience in heritage consultancy and is a Member of the Chartered Institute for Archaeologists.
10 Transport and Access	This Chapter has been prepared by ██████████ Partner at Ridge and Partner LLP, MEng (Hons) Civil Engineering with Management, MSc (Hons) Transport Planning & Engineering, Member of the Chartered Institute of Highways & Transport (CMIHT) and Member of the Transport Planning Society. ██████████ has over 25 years' experience in Transport Planning working on a range of development projects and has significant experience in Transport Assessments and Environmental Impact Assessments.
11 Noise	<p>This Chapter has been prepared by ██████████ at Mott MacDonald Ltd. ██████████ is a Principal Acoustic Engineer at Mott MacDonald, holds a BSc (Hons) in Engineering Acoustics and Vibration and is a Member of the Institute of Acoustics (MIOA). ██████████ has 36 years' experience as a Noise and Vibration Consultant both in the UK and Australia providing noise predictions and assessment for the construction and operation of a range of projects from acoustic design for schools, office buildings and shopping centres; environmental noise assessments for major highway upgrade schemes, tunnels, container terminal extensions and power stations to planning applications for residential developments.</p> <p>This Chapter has been checked by ██████████ Technical Principal at Mott Macdonald, who has over 30 years experience as an acoustic consultant and is a Fellow of the Institute of Acoustics (FIOA). He holds a BSc (JT Hons) Physics with Electrical and Electronic Engineering. He is a Chartered Engineer and Member of the Institute of Engineering Technology and Member of the British Standards Committee B/564 and panel for BS8233 "Guidance on sound insulation for buildings.</p> <p>This Chapter has been approved by ██████████ Technical Principle at Mott MacDonald, and a Chartered Engineer with over 35 years' experience. He holds a BA (Hons) Engineering Science, University of Oxford, and is a Fellow of the Institute of Acoustics.</p>
12 Air Quality	This Chapter has been prepared by ██████████ ██████████ and ██████████ at Mott MacDonald. ██████████ is a Principal Air Quality Consultant at Mott MacDonald and has over 17 years of experience in air quality consultancy, with a prime focus on managing and delivering road transport projects. ██████████ is a member of the Institute of Air Quality Management (IAQM) and the Institute of Environmental Sciences (IES). She is the lead consultant and technical reviewer for the work presented in this chapter. ██████████ is a senior Air Quality Consultant at Mott MacDonald and has over four years of experience in air quality consultancy. ██████████ is a member of IAQM and the IES. He has undertaken the origination of the air quality impact assessment work presented in this chapter. ██████████ is a Graduate Air Quality Consultant at Mott MacDonald and has over one years of experience in air quality consultancy. ██████████ is an associate member of the IES. She has undertaken the air quality modelling work presented in this Chapter.
13 Lighting	This Chapter has been written by ██████████ ██████████ and ██████████ at Mott MacDonald. ██████████ is a Lighting Engineer who holds two specialist degrees in lighting design/engineering including a MSc in Light and Lighting from University College London. ██████████ is an affiliate member of the Institution of Lighting Professionals, and has led the Environmental Lighting Impact Assessment process on projects over a period of 4 years. ██████████ has 3 years' experience in the design and analysis of lighting and

	<p>electrical engineering projects for both the public and private sector, with an emphasis on sustainability and minimising the ecological impacts of exterior lighting, while drawing upon a varied project portfolio and experience to provide bespoke lighting solutions that bring added value to projects. This Chapter was technical checked by [REDACTED] who has over 27 years' experience in management, leadership and technical roles involved in various types of lighting and electrical engineering projects for both the public and private sector. As part of this experience [REDACTED] also has over 10 years' experience leading Environmental Lighting Impact Assessments.</p>
14 Flood Risk and Drainage	<p>This Chapter has been prepared by [REDACTED], [REDACTED] and [REDACTED] at Mott MacDonald Ltd. [REDACTED] is a Principal Hydrology Consultant at Mott MacDonald and has over 22 years of experience in Water and Environment Consultancy. [REDACTED] is a Chartered member of CIWEM and the Science Council. He is the lead consultant and technical reviewer for the work presented in this chapter. [REDACTED] is a senior Environment and Sustainability Consultant at Mott MacDonald and has over 10 years of experience in environmental consultancy. She is a member of CIWEM and the Institution of Environmental Sciences. She has undertaken the environmental impact assessment work presented in this chapter. [REDACTED] is a Civil Engineering Consultant at Mott MacDonald and has over 5 years of experience in water consultancy. He has undertaken drainage assessment work presented in this chapter.</p>
15 Socio-Economics	<p>This Chapter has been prepared by [REDACTED] BA (Hons) Geography of ekosgen. [REDACTED] has over twenty-years experience in advising on socio-economic matters and has completed over 50 socio-economic ES Chapters.</p>
16 Climate Change	<p>The GHG emissions part of this Chapter has been prepared by [REDACTED] and [REDACTED] at Mott MacDonald. [REDACTED] is currently Mott MacDonald's Net Zero lead for buildings and cities with a focus on decarbonisation. He has over 20 years of experience in consultancy, including over 15 years' experience conducting EIA across a range of sectors and topics and was formerly Mott MacDonald's Global Practice Leader for EIA. [REDACTED] is a Chartered Engineer (CEng), Chartered Environmentalist (CEnv) and Chartered Water &amp; Environmental Manager, Fellow of CIWEM and Practitioner member of Institute of Environmental Assessment and Management (IEMA). He is the lead consultant and technical reviewer for the work presented in this chapter. [REDACTED] is a Net Zero Carbon Consultant at Mott MacDonald and has over a year of experience in net zero consultancy. She holds a MSc in Environmental Assessment and Management and is an affiliate member of IEMA. She has undertaken the origination of the GHG assessment work presented in this chapter.</p> <p>The Climate Resilience part of this Chapter has been prepared by [REDACTED] and [REDACTED] at Mott MacDonald. [REDACTED] leads on Climate Resilience EIAs and climate resilience integration within design and has 16 years of consultancy experience, including 9 years of EIA management and 3 years of Climate Resilience EIAs. She is a Chartered Environmentalist (CEnv) and a full Member of the Institute of Environmental Sciences (MIES). [REDACTED] has been the lead consultant and technical reviewer for the work presented in this chapter. [REDACTED] is a Graduate Climate Resilience Consultant, has an MSc in Climate Change, Development and Policy and one year of experience in climate resilience within the water industry. [REDACTED] is an Environmental Consultant with 4 years experience in EIA coordination and authoring and an MSc Sustainability and Consultancy. [REDACTED] and [REDACTED] joint-authored the climate resilience work presented in this chapter.</p>
17 Waste	<p>This Chapter has been prepared by a [REDACTED] Senior Waste and Resource Management Consultant who is a Chartered member of the Chartered Institution of Wastes Management (CIWM) and has five years of experience in authoring material resources and waste chapters for EIA works. The Chapter has been technically checked by [REDACTED] a Senior Associate, who is a Chartered member of CIWM with over 10 years of experience in authoring and reviewing material resources and waste chapters. [REDACTED] and [REDACTED] have a proven track record of delivering waste and resource management impact assessments within EIAs.</p>
18 Major Accidents and Disasters	<p>This Chapter has been written by LUC, a Registrant of the IEMA's EIA Quality Mark scheme, which demonstrates the Consultancy's commitment to best EIA practice and preparation of ESs to a high standard. The lead author, [REDACTED] (MA MSc FIEMA</p>

	CEnv), is a Fellow of IEMA, has an MSc qualification in EIA and has over 30 years of professional EIA experience with LUC.
--	--